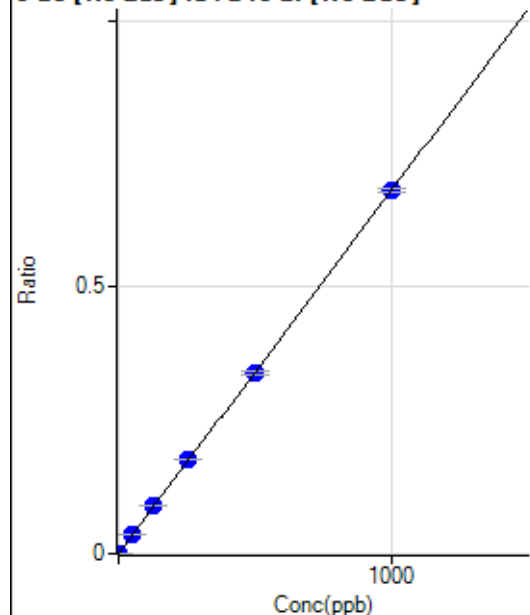


Batch Folder: D:\P8121817MS .b\
Analysis File: P8121817MS .batch.bin
DA Date-Time:
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB P8121817MS.D	S00	2017-12-18 14:53:14
2			
3	006CALS P8121817MS.D	S02	2017-12-18 15:00:10
4	007CALS P8121817MS.D	S03	2017-12-18 15:03:38
5	008CALS P8121817MS.D	S04	2017-12-18 15:07:04
6	009CALS P8121817MS.D	S05	2017-12-18 15:10:26
7	010CALS P8121817MS.D	S06	2017-12-18 15:13:40
8	011CALS P8121817MS.D	S07	2017-12-18 15:16:53
9	012CALS P8121817MS.D	S08	2017-12-18 15:20:02

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	92.59	0.0001	P	32.0
2	☐	0.100					
3	☐	1.000	0.933	925.98	0.0007	P	11.2
4	☐	50.000	53.363	49565.33	0.0364	P	1.2
5	☐	125.000	130.162	121650.68	0.0887	P	0.5
6	☐	250.000	258.427	242271.46	0.1760	P	0.9
7	☐	500.000	496.751	464136.62	0.3382	P	1.6
8	☐	1000.000	998.704	896925.08	0.6799	P	1.1
9	☐			837.08	0.0006	P	9.8

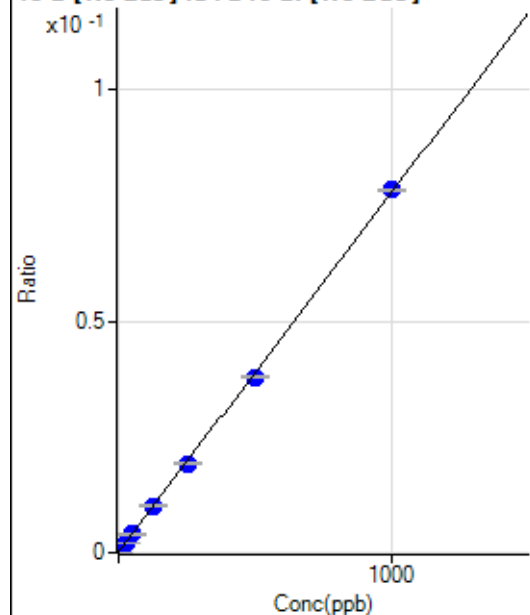
$$y = 6.8075E-004 * x + 6.6166E-005$$

$$R = 0.9999$$

$$DL = 0.09324$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	263.90	0.0002	P	6.3
2	☐	2.500					
3	☐	25.000	22.979	2600.37	0.0020	P	10.4
4	☐	50.000	48.889	5417.93	0.0040	P	5.4
5	☐	125.000	128.506	13921.26	0.0101	P	2.9
6	☐	250.000	244.604	26361.35	0.0191	P	2.0
7	☐	500.000	486.802	52050.72	0.0379	P	1.2
8	☐	1000.000	1007.616	103286.86	0.0783	P	0.4
9	☐			4503.69	0.0035	P	10.0

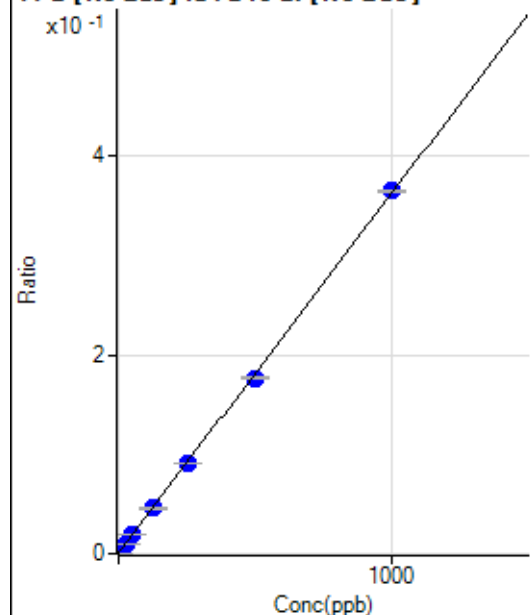
$$y = 7.7513E-005 * x + 1.8905E-004$$

$$R = 0.9998$$

$$DL = 0.4621$$

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	1086.20	0.0008	P	1.5
2	☐	2.500					
3	☐	25.000	22.838	11941.59	0.0090	P	5.7
4	☐	50.000	50.084	25726.84	0.0189	P	2.2
5	☐	125.000	123.882	62520.47	0.0456	P	1.4
6	☐	250.000	248.671	124858.99	0.0907	P	1.3
7	☐	500.000	486.785	242626.36	0.1768	P	0.5
8	☐	1000.000	1007.129	481442.64	0.3649	P	0.8
9	☐			20623.92	0.0159	P	6.5

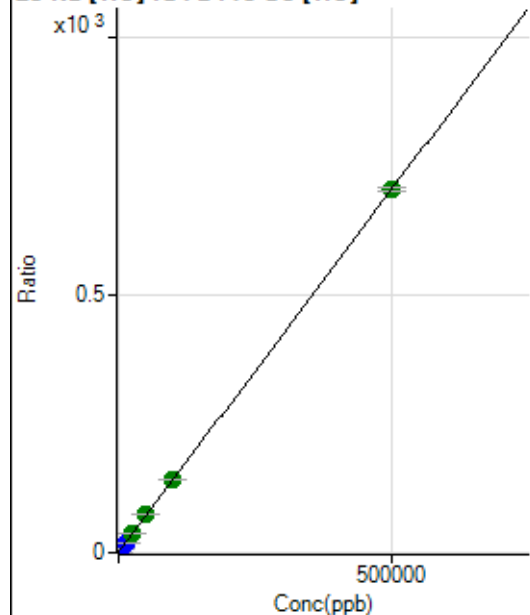
$$y = 3.6159E-004 * x + 7.7772E-004$$

$$R = 0.9999$$

$$DL = 0.0941$$

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	26609.05	0.6148	P	1.4
2	☐	50.000					
3	☐	500.000	461.016	53822.24	1.2630	P	1.4
4	☐	5000.000	5242.963	333591.76	7.9862	P	1.3
5	☐	12500.000	12846.879	783403.28	18.6770	P	0.0
6	☐	25000.000	26296.139	1525790.19	37.5861	A	1.0
7	☐	50000.000	51587.214	2816748.20	73.1444	A	0.7
8	☐	100000.00	100502.47	5546759.50	141.9172	A	0.9
9	☐	500000.00	499664.91	29501747.54	703.1234	A	0.9

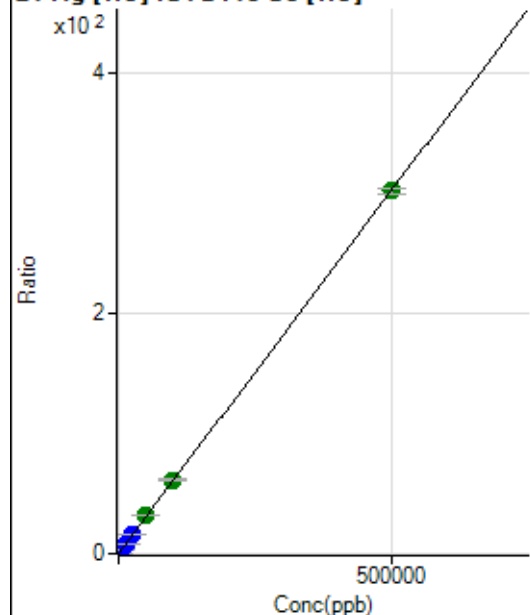
$$y = 0.0014 * x + 0.6148$$

$$R = 1.0000$$

$$DL = 19$$

Weight: <None>

Min Conc: 0

²⁴Mg [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1136.21	0.0263	P	1.7
2	☐	50.000					
3	☐	500.000	454.521	12845.19	0.3015	P	3.8
4	☐	5000.000	5268.618	134350.62	3.2165	P	1.7
5	☐	12500.000	12932.158	329548.54	7.8570	P	1.1
6	☐	25000.000	25981.342	639715.05	15.7586	P	1.0
7	☐	50000.000	51983.639	1213238.16	31.5036	A	0.7
8	☐	100000.00	101371.46	2400031.91	61.4091	A	1.5
9	☐	500000.00	499464.83	12690083.53	302.4642	A	1.4

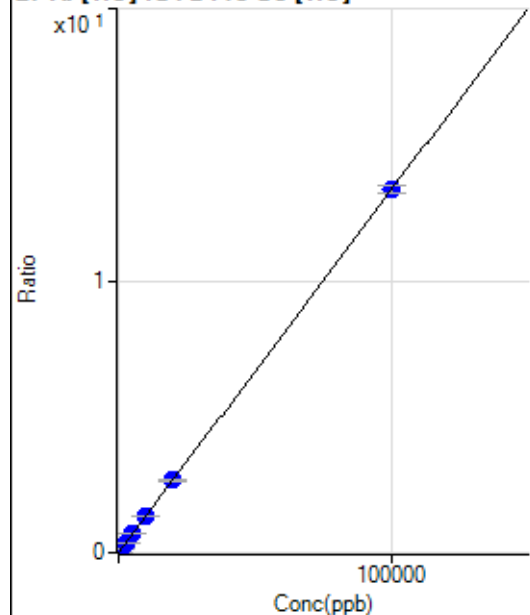
$$y = 6.0552\text{E-}004 * x + 0.0263$$

$$R = 1.0000$$

$$DL = 2.183$$

Weight: <None>

Min Conc: 0

²⁷Al [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0001	P	173.
2	☐	2.000					
3	☐	20.000	19.496	113.89	0.0027	P	14.4
4	☐	1000.000	1032.433	5765.29	0.1380	P	1.3
5	☐	2500.000	2505.312	14043.60	0.3348	P	1.4
6	☐	5000.000	5169.550	28045.36	0.6908	P	1.0
7	☐	10000.000	10208.917	52537.23	1.3642	P	2.2
8	☐	20000.000	20082.636	104871.61	2.6835	P	2.3
9	☐	100000.00	99953.647	560321.28	13.3557	P	2.0

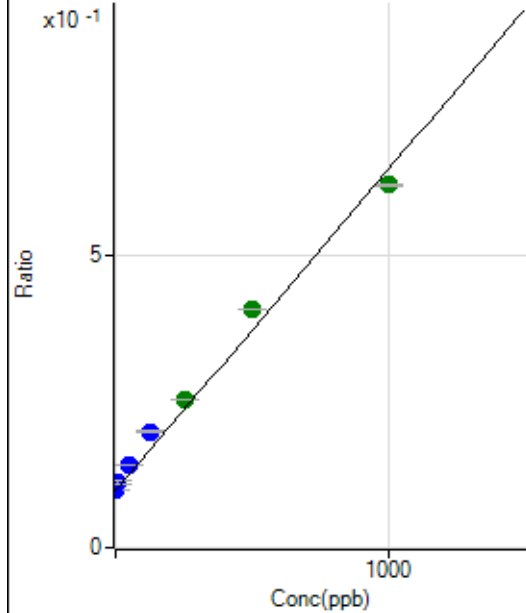
$$y = 1.3362\text{E-}004 * x + 6.5481\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.546$$

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	443736.59	0.0976	P	0.7
2	☐	1.000					
3	☐	10.000	27.914	486645.19	0.1129	P	6.3
4	☐	50.000	78.362	626225.06	0.1407	P	0.7
5	☐	125.000	183.839	893199.69	0.1989	P	0.7
6	☐	250.000	282.221	1143642.30	0.2531	A	0.8
7	☐	500.000	563.666	1802260.76	0.4081	A	0.4
8	☐	1000.000	951.159	2733263.41	0.6216	A	0.8
9	☐			1071508.13	0.2395	A	2.7

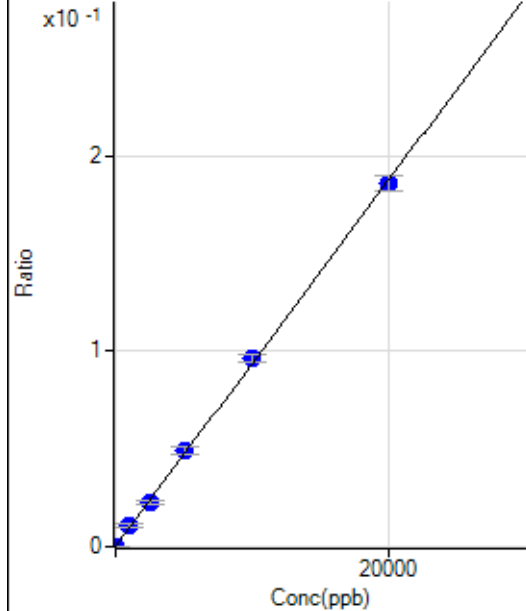
$$y = 5.5096\text{E-}004 * x + 0.0976$$

$$R = 0.9955$$

$$DL = 3.779$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-10.547	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	10.547	8.33	0.0002	P	173.
4	☐	1000.000	1110.225	438.91	0.0105	P	21.6
5	☐	2500.000	2399.206	947.30	0.0226	P	11.8
6	☐	5000.000	5255.421	2003.01	0.0494	P	6.8
7	☐	10000.000	10277.221	3714.55	0.0964	P	3.5
8	☐	20000.000	19804.622	7257.76	0.1857	P	4.4
9	☐			11.11	0.0003	P	114.

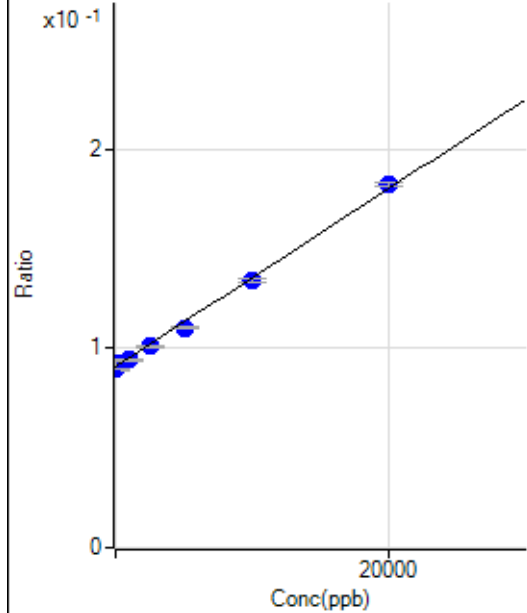
$$y = 9.3736\text{E-}006 * x + 9.8862\text{E-}005$$

$$R = 0.9997$$

$$DL = 54.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-348.495	406700.87	0.0894	P	0.6
2	☐	0.000					
3	☐	0.000	348.495	398901.18	0.0925	P	4.9
4	☐	1000.000	718.106	419106.10	0.0942	P	0.7
5	☐	2500.000	2249.456	453834.61	0.1010	P	0.6
6	☐	5000.000	4377.700	499607.75	0.1106	P	1.2
7	☐	10000.000	9592.370	591138.90	0.1339	P	1.4
8	☐	20000.000	20404.803	801138.14	0.1822	P	1.2
9	☐			341988.48	0.0764	P	0.8

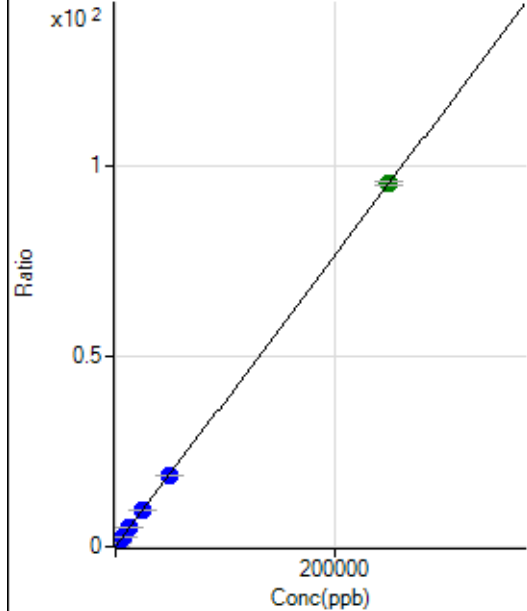
$$y = 4.4706\text{E-}006 * x + 0.0910$$

$$R = 0.9988$$

$$DL = 1718$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3117.18	0.0721	P	5.2
2	☐	50.000					
3	☐	500.000	458.020	10498.83	0.2463	P	4.9
4	☐	2500.000	2627.557	44755.77	1.0715	P	1.9
5	☐	6250.000	6361.339	104510.82	2.4917	P	1.4
6	☐	12500.000	12735.114	199561.44	4.9161	P	1.5
7	☐	25000.000	24755.982	365412.38	9.4884	P	0.6
8	☐	50000.000	49062.195	732184.88	18.7337	P	1.1
9	☐	250000.00	250196.23	3995861.59	95.2382	A	1.1

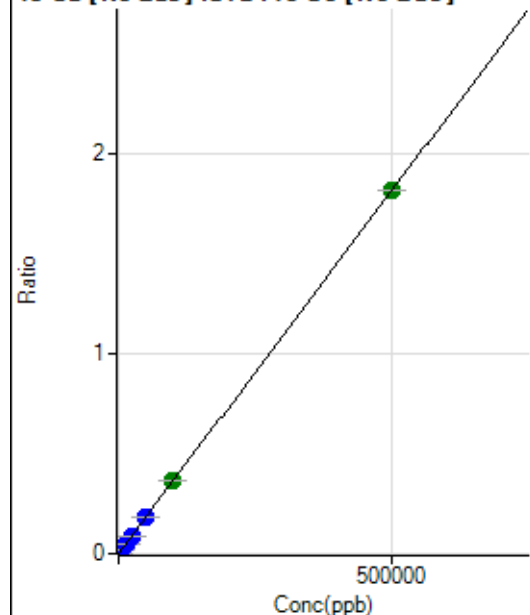
$$y = 3.8037\text{E-}004 * x + 0.0721$$

$$R = 1.0000$$

$$DL = 29.45$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1486.26	0.0003	P	7.7
2	☐	50.000					
3	☐	500.000	461.145	8630.83	0.0020	P	5.5
4	☐	5000.000	4960.411	81657.01	0.0184	P	1.0
5	☐	12500.000	12335.770	202841.25	0.0452	P	0.8
6	☐	25000.000	24698.581	407077.97	0.0901	P	0.8
7	☐	50000.000	49615.457	797607.36	0.1806	P	0.8
8	☐	100000.00	99631.779	1593363.12	0.3624	A	0.5
9	☐	500000.00	500131.71	8131933.51	1.8177	A	0.1

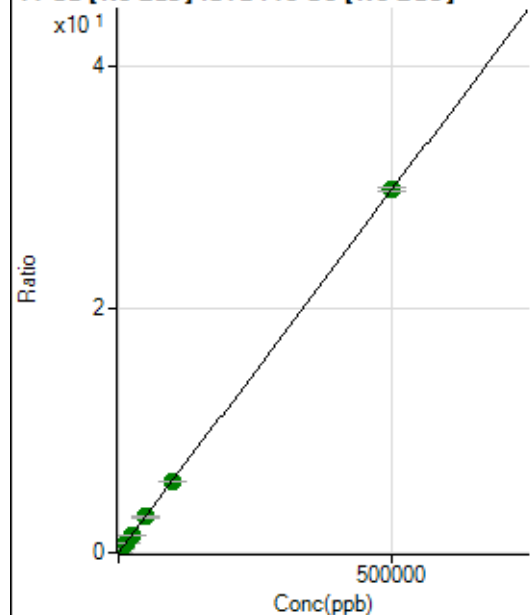
$$y = 3.6338\text{E-}006 * x + 3.2684\text{E-}004$$

$$R = 1.0000$$

$$DL = 20.77$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22402.04	0.0049	P	3.1
2	☐	50.000					
3	☐	500.000	459.520	139189.59	0.0323	P	4.9
4	☐	5000.000	5039.419	1357076.14	0.3050	A	1.5
5	☐	12500.000	12247.406	3298033.30	0.7342	A	0.1
6	☐	25000.000	24434.598	6597828.97	1.4599	A	0.5
7	☐	50000.000	49055.563	12920970.95	2.9260	A	0.8
8	☐	100000.00	97576.666	25570180.78	5.8153	A	0.7
9	☐	500000.00	500613.34	133386005.7	29.8150	A	0.9

$$y = 5.9547\text{E-}005 * x + 0.0049$$

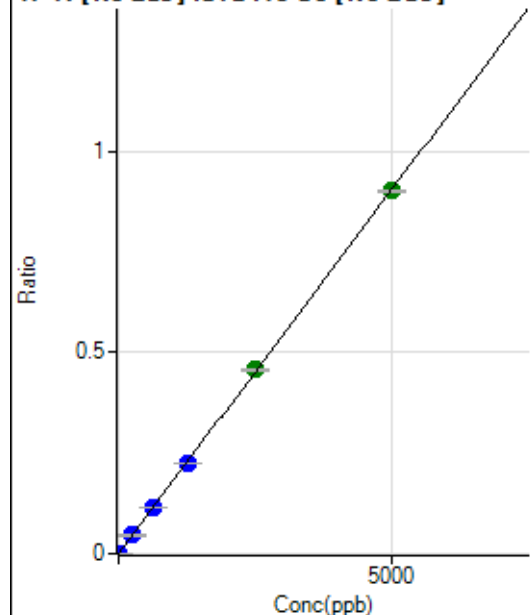
$$R = 1.0000$$

$$DL = 7.792$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0000	P	23.4
2	☐	0.500					
3	☐	5.000	4.879	3947.95	0.0009	P	11.0
4	☐	250.000	252.019	202645.80	0.0455	P	1.2
5	☐	625.000	624.083	506378.02	0.1127	P	0.5
6	☐	1250.000	1238.654	1010973.56	0.2237	P	0.6
7	☐	2500.000	2530.546	2018089.67	0.4570	A	0.8
8	☐	5000.000	4987.578	3960225.26	0.9007	A	0.6
9	☐			730.61	0.0002	P	10.3

$$y = 1.8057\text{E-}004 * x + 3.6673\text{E-}005$$

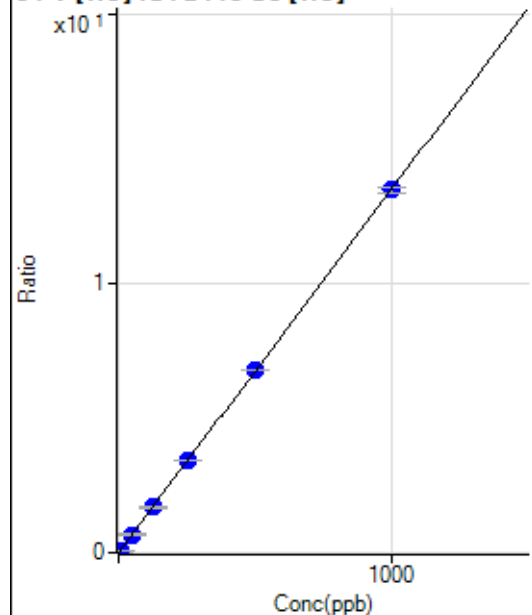
$$R = 1.0000$$

$$DL = 0.1425$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.45	0.0001	P	86.6
2	☐	0.500					
3	☐	5.000	4.352	2510.27	0.0589	P	1.8
4	☐	50.000	50.213	28339.98	0.6784	P	0.8
5	☐	125.000	124.834	70736.32	1.6865	P	2.1
6	☐	250.000	252.670	138572.33	3.4135	P	0.8
7	☐	500.000	501.549	260929.67	6.7756	P	0.1
8	☐	1000.000	998.571	527225.47	13.4899	P	1.4
9	☐			94.45	0.0022	P	26.5

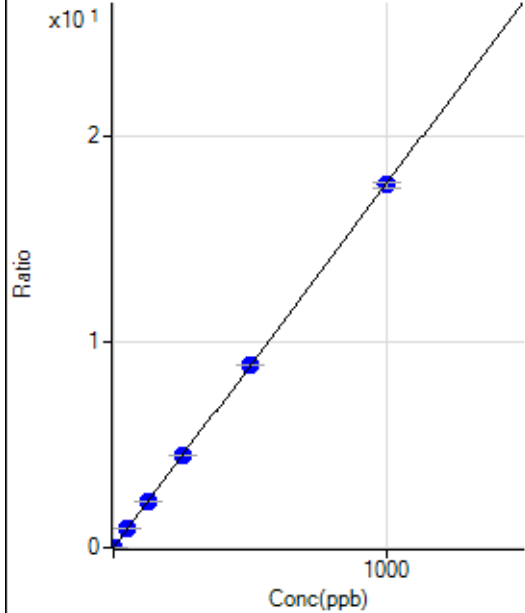
$$y = 0.0135 * x + 1.0171\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.01956$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	324.46	0.0075	P	8.4
2	☐	0.200					
3	☐	2.000	1.911	1759.03	0.0413	P	6.2
4	☐	50.000	50.711	37763.20	0.9041	P	1.8
5	☐	125.000	125.111	93092.32	2.2194	P	0.6
6	☐	250.000	254.436	182916.39	4.5059	P	0.9
7	☐	500.000	503.868	343351.31	8.9158	P	0.2
8	☐	1000.000	996.908	689130.60	17.6326	P	1.5
9	☐			6761.74	0.1611	P	2.9

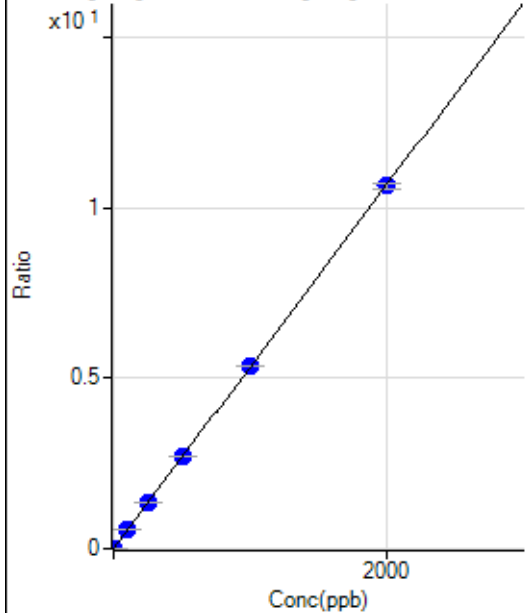
$$y = 0.0177 * x + 0.0075$$

$$R = 1.0000$$

$$DL = 0.1071$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.44	0.0006	P	22.9
2	☐	0.100					
3	☐	1.000	0.973	245.56	0.0058	P	8.2
4	☐	100.000	103.147	23024.77	0.5512	P	0.7
5	☐	250.000	249.757	55950.53	1.3339	P	0.7
6	☐	500.000	506.678	109823.74	2.7054	P	1.2
7	☐	1000.000	1005.536	206755.89	5.3685	P	0.7
8	☐	2000.000	1995.435	416359.11	10.6531	P	1.3
9	☐			1065.61	0.0254	P	8.5

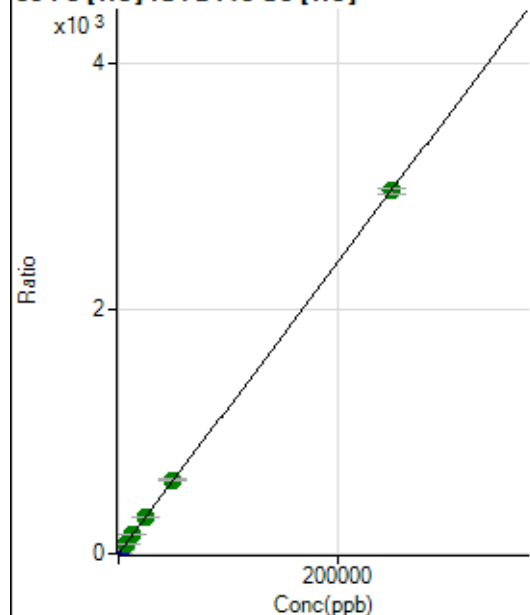
$$y = 0.0053 * x + 5.6643E-004$$

$$R = 1.0000$$

$$DL = 0.07277$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1357.52	0.0314	P	5.1
2	☐	5.000					
3	☐	50.000	46.900	25058.24	0.5880	P	1.8
4	☐	2500.000	2605.800	1293231.70	30.9602	P	0.7
5	☐	6250.000	6438.651	3206718.25	76.4531	A	0.9
6	☐	12500.000	12967.533	6249252.69	153.9458	A	1.1
7	☐	25000.000	25759.554	11775716.93	305.7770	A	0.1
8	☐	50000.000	50873.668	23601050.29	603.8618	A	1.2
9	☐	250000.00	249720.16	124354822.2	2,964.013	A	1.6

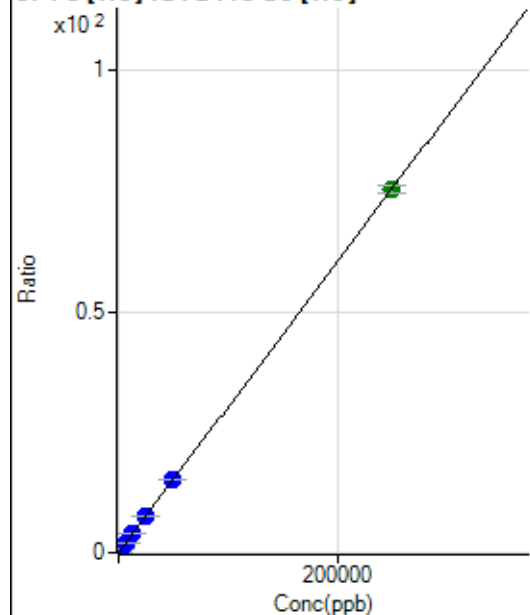
$$y = 0.0119 * x + 0.0314$$

$$R = 1.0000$$

$$DL = 0.4048$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0009	P	26.7
2	☐	5.000					
3	☐	50.000	46.143	629.67	0.0148	P	17.7
4	☐	2500.000	2577.680	32460.51	0.7772	P	2.3
5	☐	6250.000	6333.277	80037.75	1.9082	P	0.7
6	☐	12500.000	12886.227	157563.50	3.8816	P	1.6
7	☐	25000.000	25750.110	298676.92	7.7556	P	0.4
8	☐	50000.000	50680.882	596554.77	15.2635	P	1.1
9	☐	250000.00	249766.64	3155616.04	75.2185	A	2.3

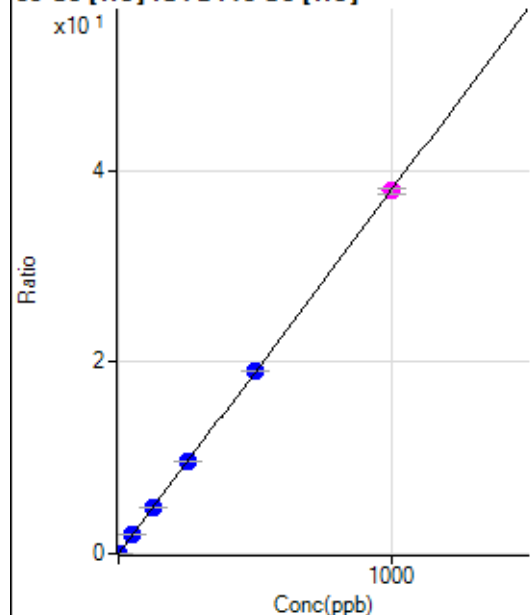
$$y = 3.0115E-004 * x + 8.9526E-004$$

$$R = 1.0000$$

$$DL = 2.377$$

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	65.56	0.0015	P	23.6
2	☐	0.100					
3	☐	1.000	0.888	1499.00	0.0352	P	5.2
4	☐	50.000	50.634	80247.20	1.9211	P	0.5
5	☐	125.000	125.136	199048.45	4.7456	P	0.8
6	☐	250.000	253.226	389768.80	9.6016	P	1.1
7	☐	500.000	502.510	733717.77	19.0523	P	0.2
8	☐	1000.000	997.890	1478684.30	37.8327	M	1.3
9	☐			1786.81	0.0426	P	4.7

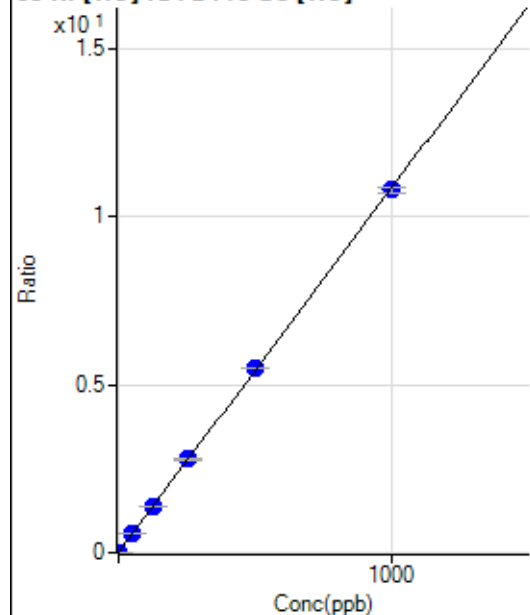
$$y = 0.0379 * x + 0.0015$$

$$R = 1.0000$$

$$DL = 0.02821$$

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	371.12	0.0086	P	6.7
2	☐	0.100					
3	☐	1.000	0.983	820.04	0.0192	P	2.2
4	☐	50.000	51.309	23599.15	0.5650	P	0.4
5	☐	125.000	126.001	57667.80	1.3749	P	1.1
6	☐	250.000	255.791	112948.78	2.7823	P	0.7
7	☐	500.000	506.561	211863.66	5.5016	P	0.4
8	☐	1000.000	995.081	422046.80	10.7990	P	1.6
9	☐			2891.47	0.0689	P	3.8

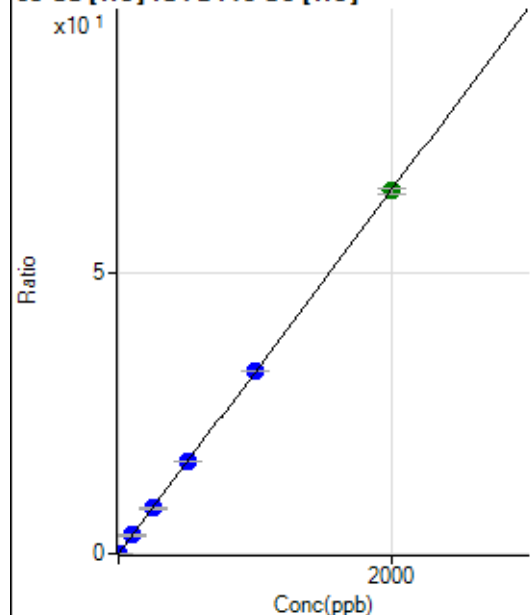
$$y = 0.0108 * x + 0.0086$$

$$R = 0.9999$$

$$DL = 0.159$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.01	0.0065	P	2.8
2	☐	0.200					
3	☐	2.000	1.804	2769.21	0.0650	P	3.7
4	☐	100.000	100.382	136289.97	3.2628	P	0.7
5	☐	250.000	249.457	339685.93	8.0986	P	0.9
6	☐	500.000	505.609	666068.33	16.4080	P	1.1
7	☐	1000.000	1006.038	1257047.95	32.6416	P	0.2
8	☐	2000.000	1995.627	2530290.03	64.7431	A	1.7
9	☐			2889.24	0.0689	P	3.3

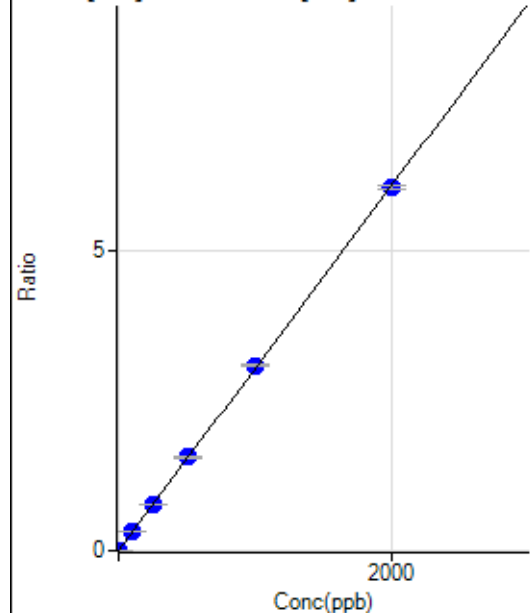
$$y = 0.0324 * x + 0.0065$$

$$R = 1.0000$$

$$DL = 0.01701$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0003	P	27.0
2	☐	0.200					
3	☐	2.000	2.023	274.45	0.0064	P	10.2
4	☐	100.000	102.148	12951.77	0.3101	P	2.9
5	☐	250.000	252.455	32126.15	0.7659	P	0.9
6	☐	500.000	512.726	63130.70	1.5553	P	1.8
7	☐	1000.000	1016.542	118736.93	3.0832	P	0.5
8	☐	2000.000	1988.133	235664.53	6.0297	P	1.2
9	☐			535.58	0.0128	P	4.2

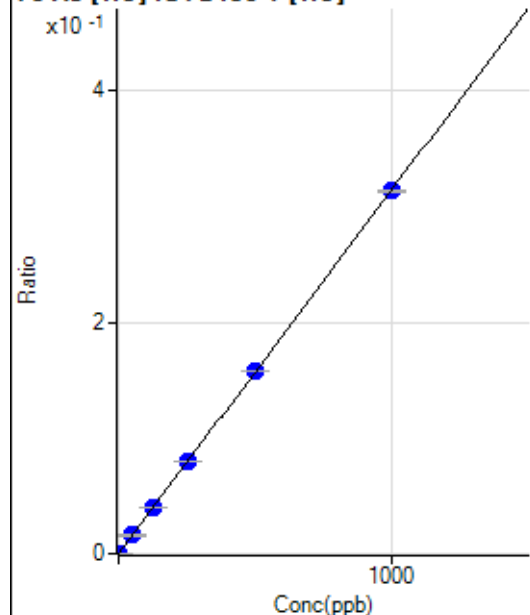
$$y = 0.0030 * x + 3.0916E-004$$

$$R = 0.9999$$

$$DL = 0.08243$$

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	6.17	0.0000	P	96.9
2	☐	0.100					
3	☐	1.000	1.062	108.65	0.0004	P	6.4
4	☐	50.000	50.776	4915.74	0.0160	P	4.0
5	☐	125.000	127.165	12329.04	0.0400	P	0.6
6	☐	250.000	253.833	24322.09	0.0797	P	1.1
7	☐	500.000	501.432	45971.12	0.1575	P	0.6
8	☐	1000.000	998.016	92754.09	0.3134	P	0.7
9	☐			37.66	0.0001	P	34.9

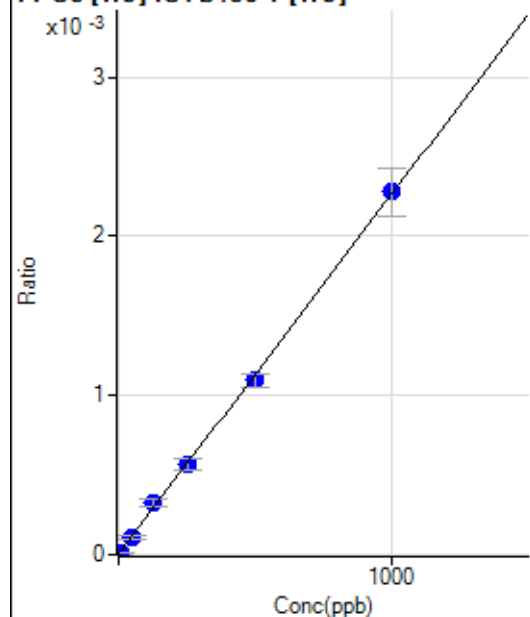
$$y = 3.1403\text{E-}004 * x + 1.9608\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1815$$

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	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.844	4.44	0.0000	P	43.4
4	☐	50.000	44.769	32.22	0.0001	P	21.6
5	☐	125.000	141.841	100.01	0.0003	P	15.1
6	☐	250.000	248.374	172.23	0.0006	P	12.9
7	☐	500.000	483.478	320.01	0.0011	P	8.1
8	☐	1000.000	1006.825	674.48	0.0023	P	12.9
9	☐			1.11	0.0000	P	173.

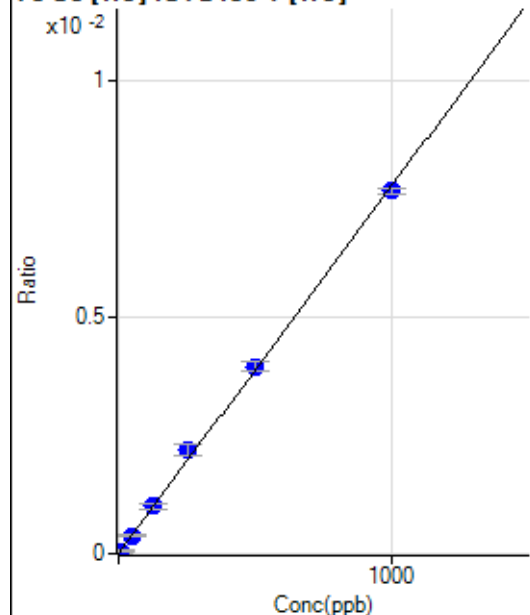
$$y = 2.2597\text{E-}006 * x + 3.4929\text{E-}006$$

$$R = 0.9996$$

$$DL = 8.032$$

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	1.23	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	6.213	16.05	0.0001	P	46.6
4	☐	50.000	49.090	118.52	0.0004	P	1.7
5	☐	125.000	127.838	307.41	0.0010	P	8.6
6	☐	250.000	283.410	672.25	0.0022	P	11.0
7	☐	500.000	508.746	1154.38	0.0040	P	5.6
8	☐	1000.000	986.959	2268.11	0.0077	P	1.7
9	☐			3.09	0.0000	P	69.2

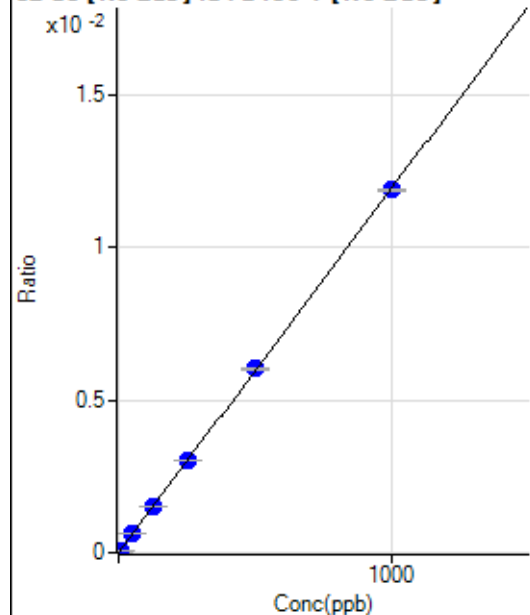
$$y = 7.7617\text{E-}006 * x + 3.9175\text{E-}006$$

$$R = 0.9993$$

$$DL = 1.311$$

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	9.79	0.0000	P	199.
2	☐	0.500					
3	☐	5.000	5.087	500.10	0.0001	P	12.3
4	☐	50.000	51.307	5085.21	0.0006	P	2.9
5	☐	125.000	126.732	12826.51	0.0015	P	2.3
6	☐	250.000	253.164	26074.16	0.0030	P	1.2
7	☐	500.000	505.438	51286.20	0.0060	P	0.6
8	☐	1000.000	996.207	101288.12	0.0119	P	0.6
9	☐			39.30	0.0000	P	216.

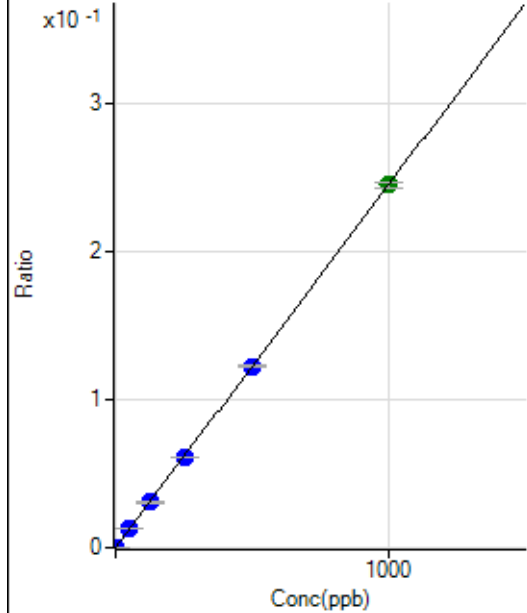
$$y = 1.1920\text{E-}005 * x + 1.1526\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.5773$$

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	541.70	0.0001	P	9.3
2	☐	0.100					
3	☐	1.000	0.963	2425.33	0.0003	P	5.1
4	☐	50.000	50.940	104005.52	0.0125	P	0.4
5	☐	125.000	124.978	260098.39	0.0307	P	1.5
6	☐	250.000	249.446	527938.66	0.0611	P	1.0
7	☐	500.000	500.410	1043045.56	0.1226	P	0.9
8	☐	1000.000	999.889	2087951.76	0.2448	A	1.3
9	☐			70780.98	0.0083	P	0.6

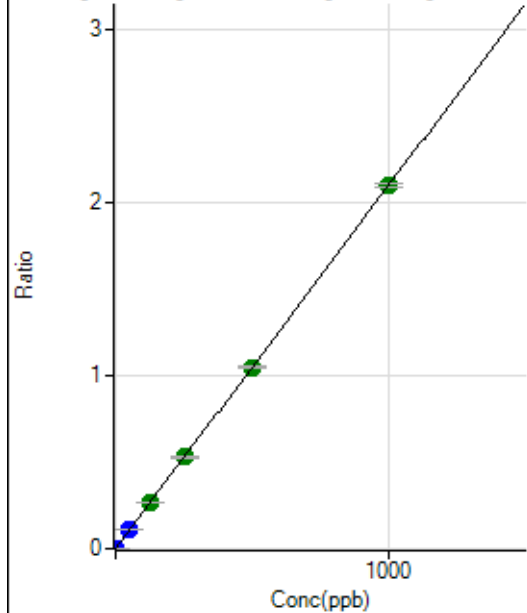
$$y = 2.4479\text{E-}004 * x + 6.3497\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.07213$$

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	100.00	0.0000	P	16.3
2	☐	0.100					
3	☐	1.000	0.945	16207.55	0.0020	P	3.5
4	☐	50.000	51.169	892624.46	0.1076	P	0.2
5	☐	125.000	127.021	2265054.69	0.2670	A	0.8
6	☐	250.000	251.565	4567136.82	0.5288	A	0.1
7	☐	500.000	500.392	8951564.96	1.0518	A	0.3
8	☐	1000.000	999.102	17909940.16	2.1001	A	1.1
9	☐			618221.56	0.0725	P	0.4

$$y = 0.0021 * x + 1.1720\text{E-}005$$

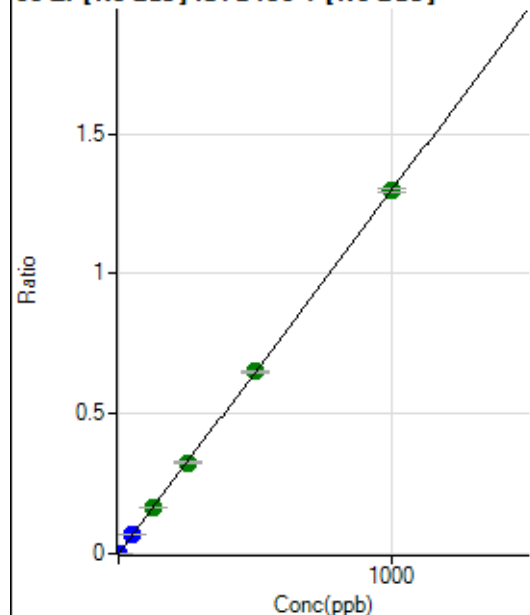
$$R = 1.0000$$

$$DL = 0.002733$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	533.37	0.0001	P	9.5
2	☐	0.100					
3	☐	1.000	0.943	10429.48	0.0013	P	2.9
4	☐	50.000	50.405	543068.68	0.0654	P	0.1
5	☐	125.000	126.489	1392468.95	0.1641	A	0.7
6	☐	250.000	251.183	2814520.57	0.3259	A	0.8
7	☐	500.000	500.536	5525935.50	0.6493	A	1.1
8	☐	1000.000	999.230	11053914.22	1.2962	A	1.2
9	☐			1355.69	0.0002	P	3.8

$$y = 0.0013 * x + 6.2521E-005$$

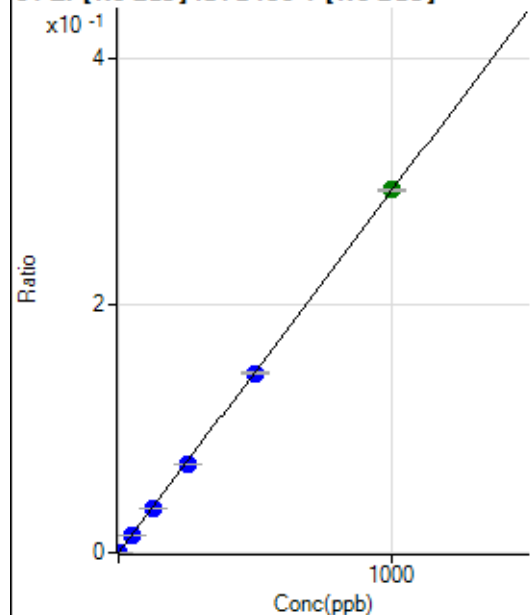
$$R = 1.0000$$

$$DL = 0.01369$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.67	0.0000	P	48.2
2	☐	0.100					
3	☐	1.000	0.905	2233.62	0.0003	P	11.4
4	☐	50.000	49.816	120908.41	0.0146	P	1.2
5	☐	125.000	123.172	305494.13	0.0360	P	1.2
6	☐	250.000	244.086	616243.60	0.0714	P	0.8
7	☐	500.000	496.930	1236169.04	0.1453	P	0.3
8	☐	1000.000	1003.251	2500931.85	0.2932	A	0.4
9	☐			322.24	0.0000	P	13.5

$$y = 2.9227E-004 * x + 1.0752E-005$$

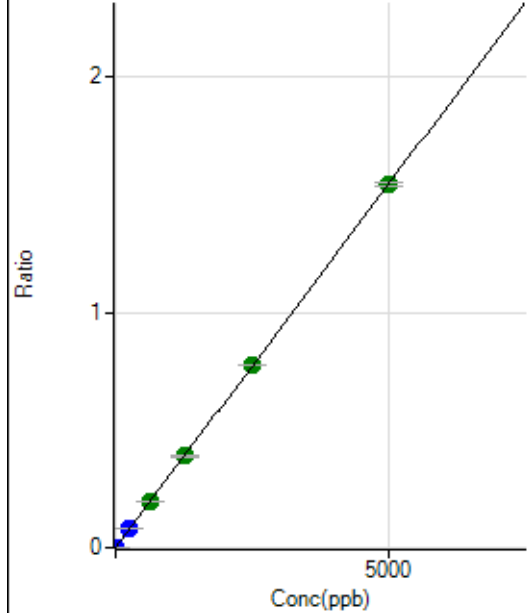
$$R = 1.0000$$

$$DL = 0.05317$$

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	263.90	0.0000	P	33.7
2	☐	0.500					
3	☐	5.000	4.625	11841.76	0.0015	P	3.5
4	☐	250.000	252.748	648557.35	0.0782	P	0.5
5	☐	625.000	632.168	1657977.19	0.1954	A	0.6
6	☐	1250.000	1258.631	3360410.75	0.3891	A	0.6
7	☐	2500.000	2511.368	6606753.27	0.7763	A	0.8
8	☐	5000.000	4991.126	13157357.93	1.5428	A	1.0
9	☐			4462.06	0.0005	P	1.7

$$y = 3.0910E-004 * x + 3.0918E-005$$

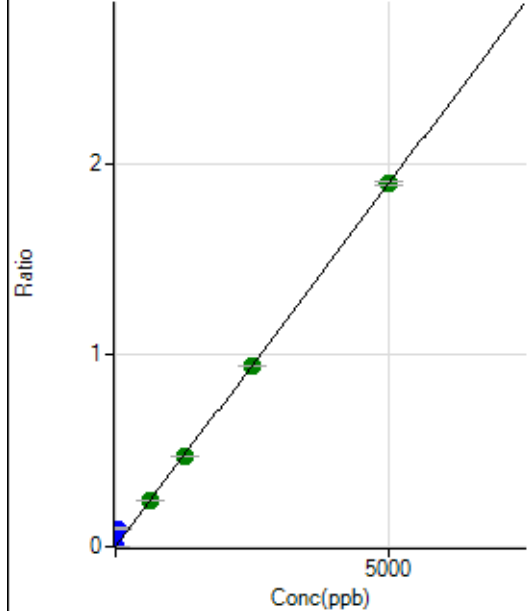
$$R = 1.0000$$

$$DL = 0.1012$$

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	19.44	0.0000	P	65.7
2	☐	0.500					
3	☐	5.000	4.588	14110.70	0.0017	P	4.1
4	☐	50.000	251.431	790434.74	0.0953	P	0.5
5	☐	625.000	629.217	2022281.69	0.2384	A	1.2
6	☐	1250.000	1253.082	4100047.53	0.4747	A	0.8
7	☐	2500.000	2492.397	8035774.92	0.9442	A	0.9
8	☐	5000.000	5000.490	16155804.18	1.8944	A	1.0
9	☐			7446.81	0.0009	P	2.0

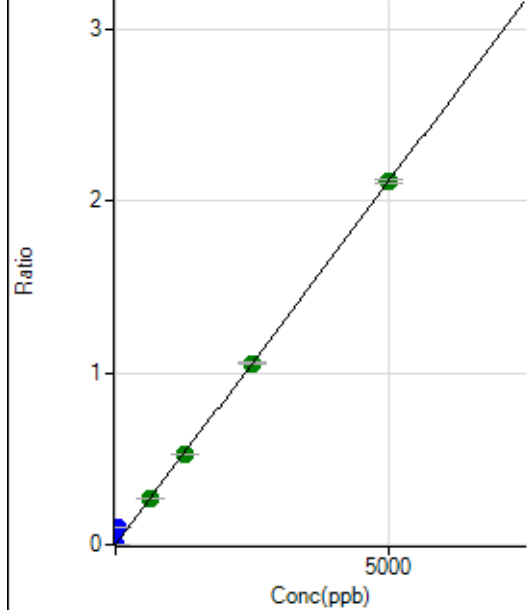
$$y = 3.7884E-004 * x + 2.2814E-006$$

$$R = 0.9992$$

$$DL = 0.01187$$

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	72.23	0.0000	P	13.4
2	☐	0.500					
3	☐	5.000	4.629	15937.73	0.0020	P	2.0
4	☐	50.000	249.669	875662.93	0.1055	P	0.6
5	☐	625.000	635.498	2278689.18	0.2686	A	1.8
6	☐	1250.000	1248.413	4556995.02	0.5276	A	0.7
7	☐	2500.000	2498.865	8988197.60	1.0561	A	0.5
8	☐	5000.000	4997.656	18012985.30	2.1122	A	1.0
9	☐			8744.91	0.0010	P	0.4

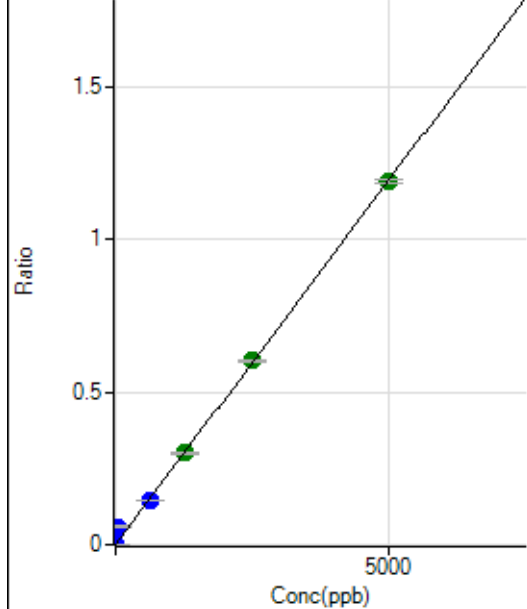
$$y = 4.2263\text{E-}004 * x + 8.4684\text{E-}006$$

$$R = 0.9992$$

$$DL = 0.008042$$

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	47.22	0.0000	P	10.5
2	☐	0.500					
3	☐	5.000	4.530	8803.25	0.0011	P	3.9
4	☐	50.000	250.220	495061.60	0.0597	P	1.4
5	☐	625.000	614.740	1243441.39	0.1466	P	1.3
6	☐	1250.000	1258.146	2590718.76	0.3000	A	0.8
7	☐	2500.000	2530.629	5134696.12	0.6033	A	0.7
8	☐	5000.000	4981.930	10129642.50	1.1878	A	1.0
9	☐			3895.17	0.0005	P	5.2

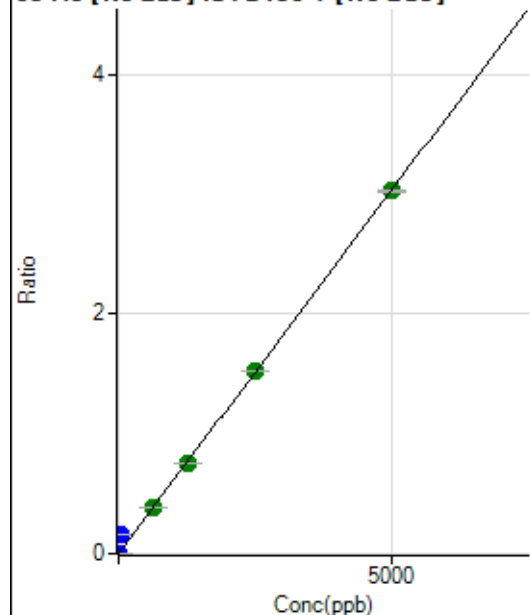
$$y = 2.3841\text{E-}004 * x + 5.5377\text{E-}006$$

$$R = 0.9992$$

$$DL = 0.007297$$

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	52.78	0.0000	P	81.3
2	☐	0.500					
3	☐	5.000	4.633	22817.28	0.0028	P	3.9
4	☐	50.000	252.977	1272550.52	0.1534	P	0.9
5	☐	625.000	627.661	3227693.04	0.3805	A	1.2
6	☐	1250.000	1241.497	6499835.95	0.7526	A	0.8
7	☐	2500.000	2515.698	12978432.23	1.5250	A	0.3
8	☐	5000.000	4991.915	25806908.39	3.0260	A	0.8
9	☐			9470.37	0.0011	P	1.3

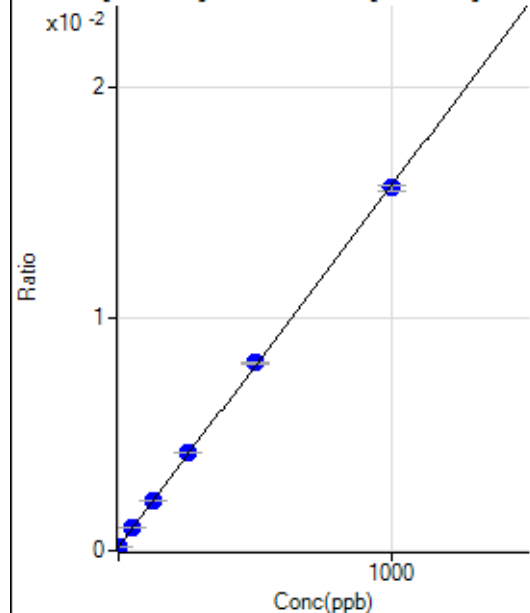
$$y = 6.0618\text{E-}004 * x + 6.1944\text{E-}006$$

$$R = 0.9992$$

$$DL = 0.02492$$

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	1777.99	0.0002	P	1.4
2	☐	0.100					
3	☐	1.000	-0.217	1639.07	0.0002	P	8.3
4	☐	50.000	52.779	9968.04	0.0010	P	3.6
5	☐	125.000	128.367	22494.51	0.0022	P	1.7
6	☐	250.000	259.615	45034.44	0.0042	P	0.2
7	☐	500.000	508.240	88042.74	0.0081	P	1.2
8	☐	1000.000	992.917	172862.05	0.0156	P	1.3
9	☐			1797.42	0.0002	P	3.1

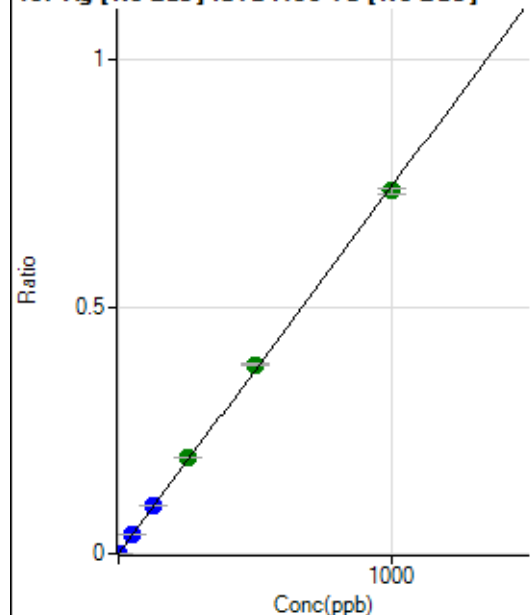
$$y = 1.5587\text{E-}005 * x + 1.7228\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.4587$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	508.37	0.0000	P	16.5
2	☐	0.100					
3	☐	1.000	0.886	6852.29	0.0007	P	16.6
4	☐	50.000	54.068	403247.10	0.0402	P	1.6
5	☐	125.000	132.089	1016842.77	0.0982	P	1.2
6	☐	250.000	262.737	2085478.37	0.1954	A	0.3
7	☐	500.000	515.060	4165224.44	0.3829	A	0.9
8	☐	1000.000	988.197	8115024.75	0.7347	A	1.8
9	☐			8080.55	0.0008	P	1.6

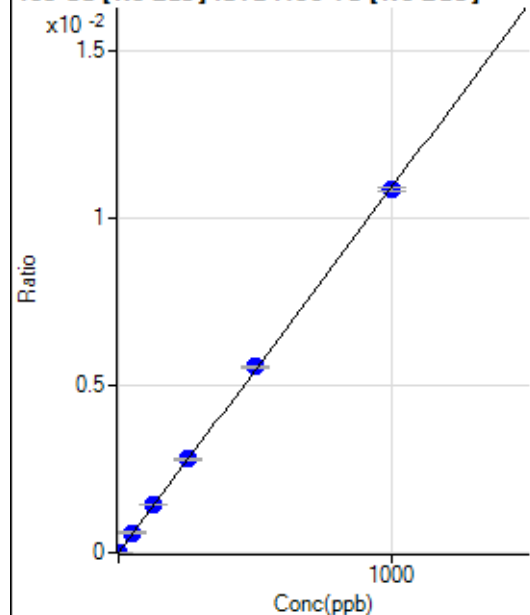
$$y = 7.4340\text{E-}004 * x + 4.9281\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.03284$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	0.4
2	☐	0.100					
3	☐	1.000	0.983	112.50	0.0000	P	24.0
4	☐	50.000	54.387	5958.40	0.0006	P	4.1
5	☐	125.000	130.878	14798.67	0.0014	P	2.1
6	☐	250.000	255.670	29812.41	0.0028	P	1.8
7	☐	500.000	508.696	60433.59	0.0056	P	0.6
8	☐	1000.000	993.280	119829.07	0.0108	P	1.1
9	☐			31.94	0.0000	P	33.3

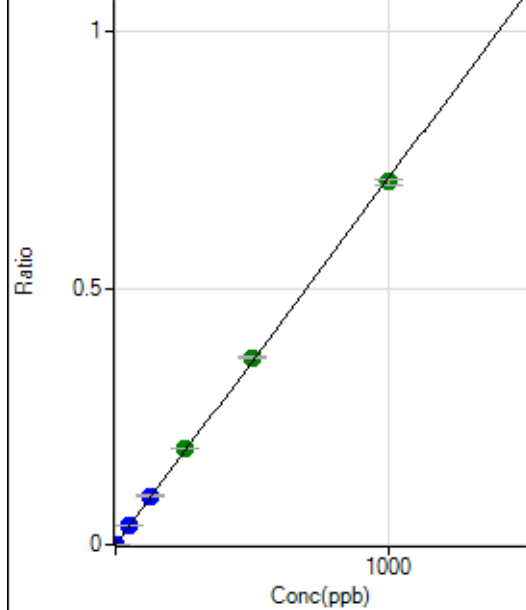
$$y = 1.0920\text{E-}005 * x + 8.0715\text{E-}007$$

$$R = 0.9999$$

$$DL = 0.0009682$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	463.92	0.0000	P	10.2
2	☐	0.100					
3	☐	1.000	0.823	6143.36	0.0006	P	7.2
4	☐	50.000	53.926	386288.37	0.0386	P	1.5
5	☐	125.000	132.914	982715.26	0.0950	P	1.5
6	☐	250.000	263.788	2011144.04	0.1884	A	0.1
7	☐	500.000	511.156	3970448.22	0.3650	A	0.9
8	☐	1000.000	989.789	7807538.02	0.7068	A	1.3
9	☐			7635.82	0.0007	P	4.4

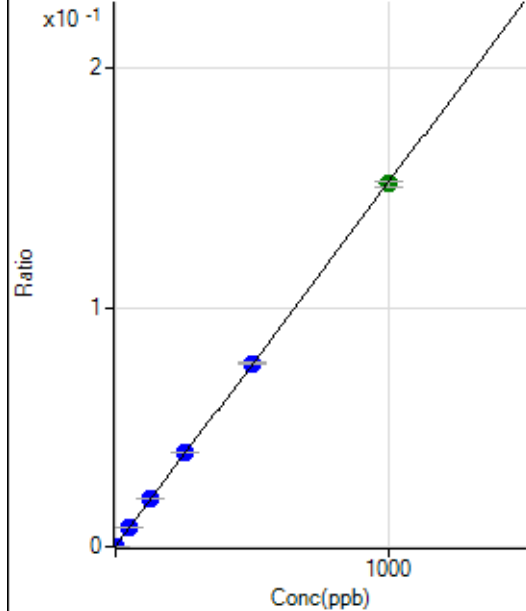
$$y = 7.1406\text{E-}004 * x + 4.4942\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.01932$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1260.98	0.0001	P	1.0
2	☐	0.100					
3	☐	1.000	0.852	2446.47	0.0003	P	4.3
4	☐	50.000	53.609	82924.02	0.0083	P	2.1
5	☐	125.000	131.391	208097.71	0.0201	P	0.8
6	☐	250.000	257.172	418825.26	0.0392	P	0.8
7	☐	500.000	502.750	833021.51	0.0766	P	1.0
8	☐	1000.000	995.853	1674374.25	0.1516	A	1.8
9	☐			1451.12	0.0001	P	4.0

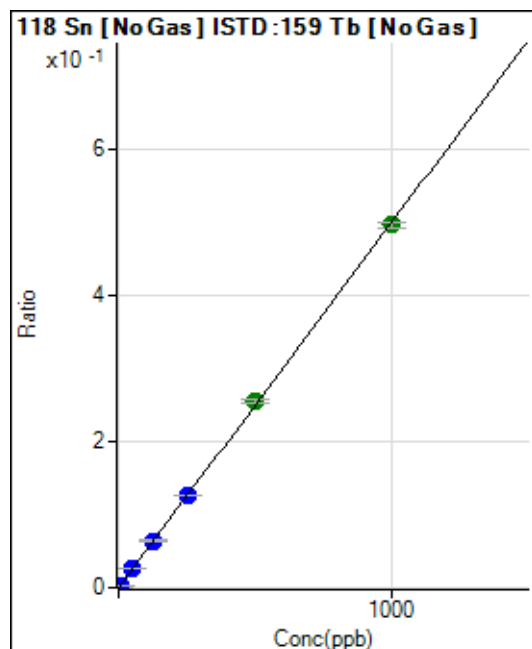
$$y = 1.5209\text{E-}004 * x + 1.2219\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.0238$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	755.62	0.0001	P	3.7
2	☐	0.500					
3	☐	5.000	4.805	24008.68	0.0025	P	6.6
4	☐	50.000	52.475	263249.88	0.0263	P	1.4
5	☐	125.000	128.295	663676.52	0.0641	P	1.2
6	☐	250.000	253.059	1349415.58	0.1264	P	0.7
7	☐	500.000	509.821	2769241.25	0.2546	A	1.6
8	☐	1000.000	993.790	5481307.76	0.4962	A	1.6
9	☐			5429.17	0.0005	P	4.1

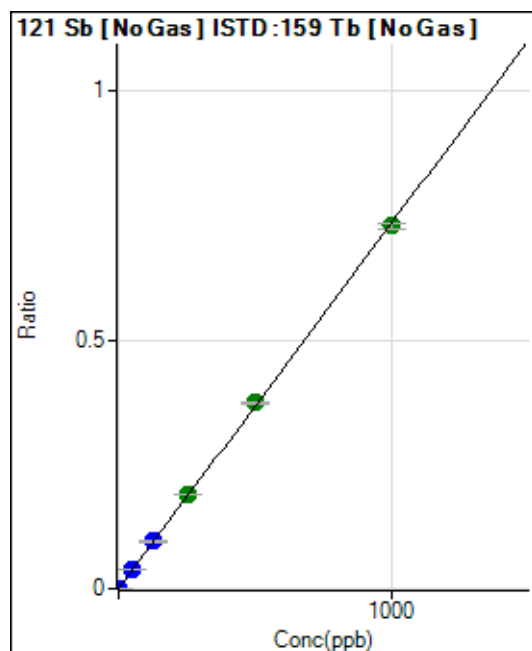
$$y = 4.9926\text{E-}004 * x + 7.3222\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01641$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.01	0.0000	P	19.6
2	☐	0.200					
3	☐	2.000	1.913	13732.65	0.0014	P	3.0
4	☐	50.000	52.422	385814.78	0.0385	P	1.0
5	☐	125.000	129.055	980929.34	0.0948	P	1.2
6	☐	250.000	257.697	2020077.74	0.1892	A	0.3
7	☐	500.000	509.265	4067716.76	0.3740	A	0.8
8	☐	1000.000	992.816	8053242.28	0.7291	A	1.4
9	☐			8072.24	0.0008	P	4.0

$$y = 7.3433\text{E-}004 * x + 7.2719\text{E-}006$$

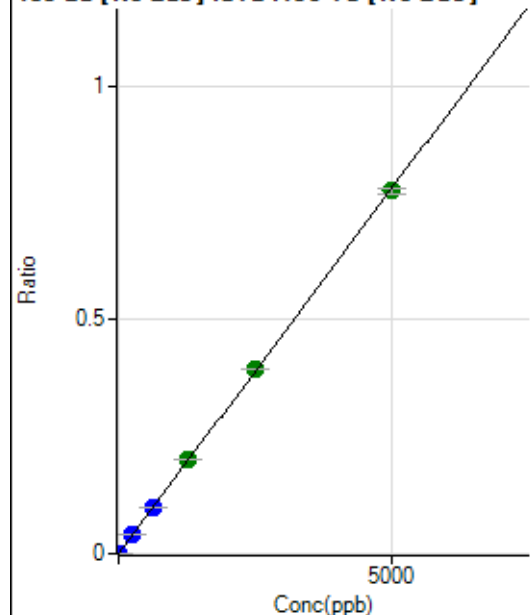
$$R = 0.9999$$

$$DL = 0.005829$$

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	16.67	0.0000	P	50.3
2	☐	1.000					
3	☐	10.000	9.715	14725.45	0.0015	P	6.6
4	☐	250.000	261.002	407807.94	0.0407	P	1.4
5	☐	625.000	639.153	1031513.68	0.0997	P	1.2
6	☐	1250.000	1286.364	2140997.68	0.2006	A	1.1
7	☐	2500.000	2535.028	4299361.77	0.3953	A	0.5
8	☐	5000.000	4971.076	8561610.00	0.7751	A	1.7
9	☐			2136.38	0.0002	P	2.7

$$y = 1.5592E-004 * x + 1.6171E-006$$

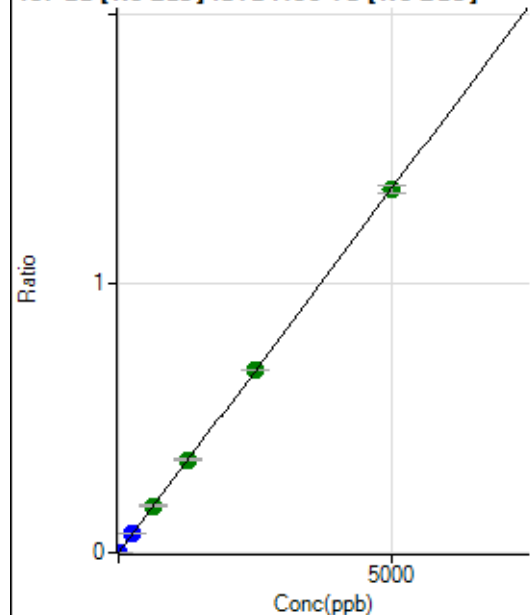
$$R = 0.9999$$

$$DL = 0.01564$$

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	33.33	0.0000	P	75.2
2	☐	1.000					
3	☐	10.000	9.543	25063.49	0.0026	P	6.8
4	☐	250.000	263.983	714681.70	0.0713	P	0.9
5	☐	625.000	643.017	1797877.91	0.1737	A	1.4
6	☐	1250.000	1273.816	3673396.87	0.3441	A	1.4
7	☐	2500.000	2509.111	7373282.28	0.6779	A	0.6
8	☐	5000.000	4986.540	14879913.53	1.3472	A	2.0
9	☐			3614.54	0.0003	P	4.7

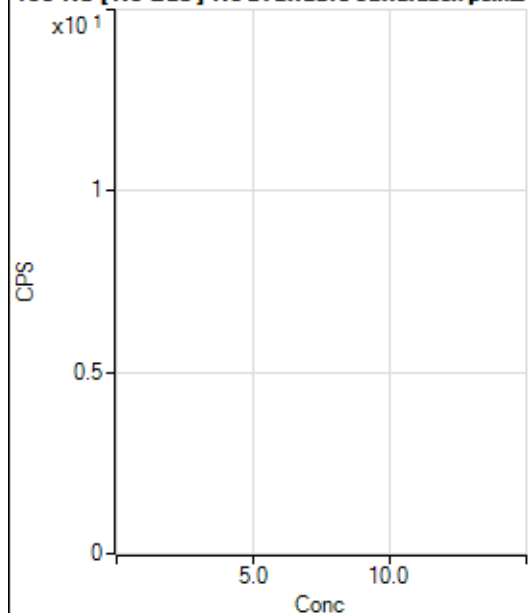
$$y = 2.7016E-004 * x + 3.2363E-006$$

$$R = 1.0000$$

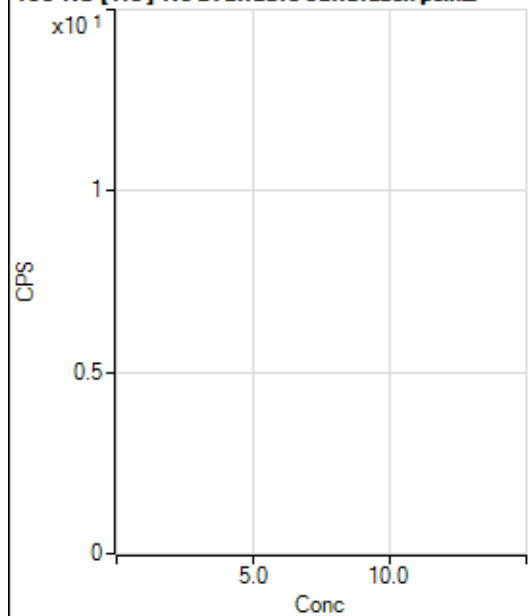
$$DL = 0.02702$$

Weight: <None>

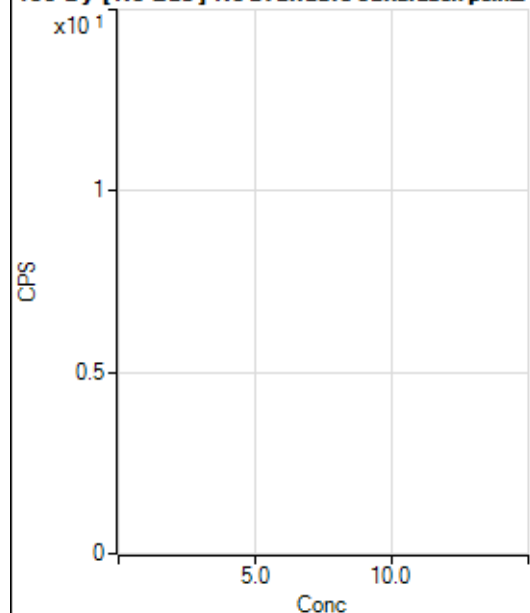
Min Conc: 0

150 Nd [No Gas] No available calibration points

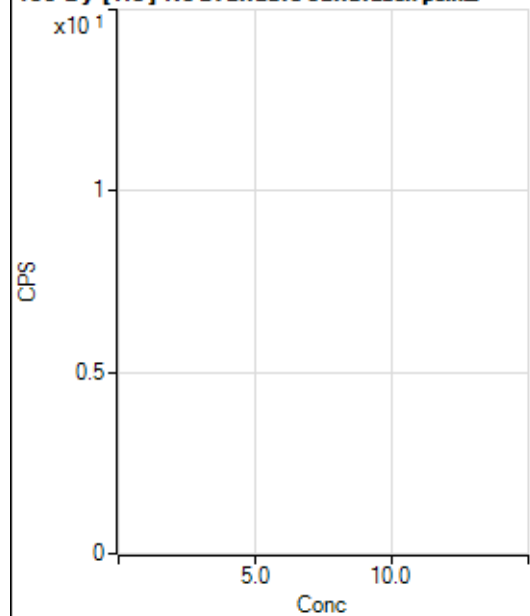
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			4.44		P	173.
4	☐			37.78		P	53.9
5	☐			66.67		P	45.8
6	☐			104.45		P	32.1
7	☐			164.45		P	36.3
8	☐			340.02		P	12.2
9	☐			102.23		P	16.4

150 Nd [He] No available calibration points

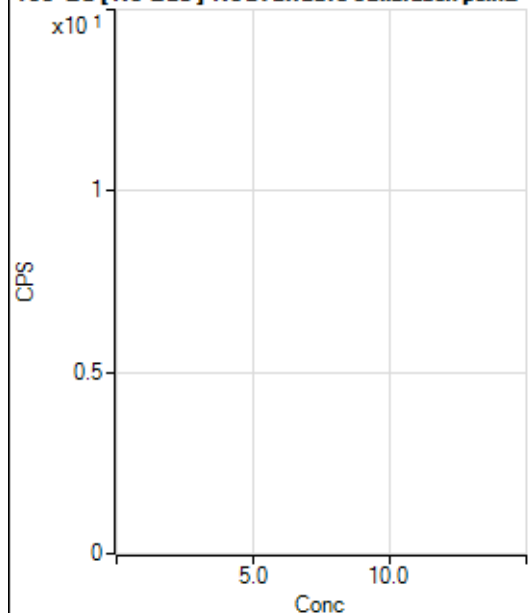
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			2.22		P	86.6
6	☐			1.11		P	173.
7	☐			5.55		P	69.3
8	☐			11.11		P	62.5
9	☐			17.78		P	43.3

156 Dy [No Gas] No available calibration points

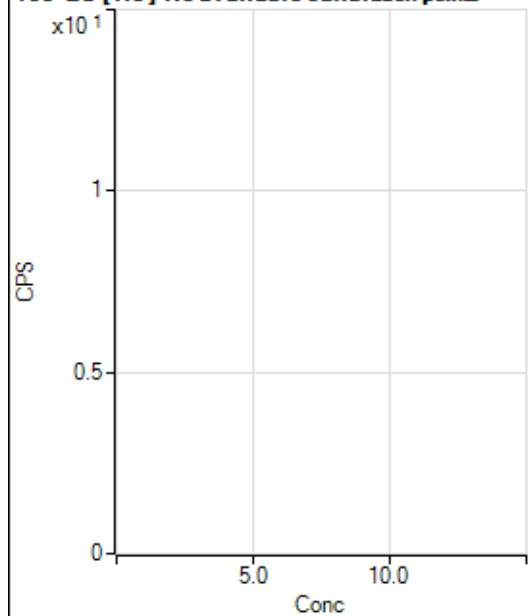
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐						
3	☐			22.22		P	57.3
4	☐			30.55		P	15.7
5	☐			19.44		P	65.5
6	☐			33.33		P	25.0
7	☐			47.22		P	53.9
8	☐			105.56		P	16.4
9	☐			86.11		P	22.4

156 Dy [He] No available calibration points

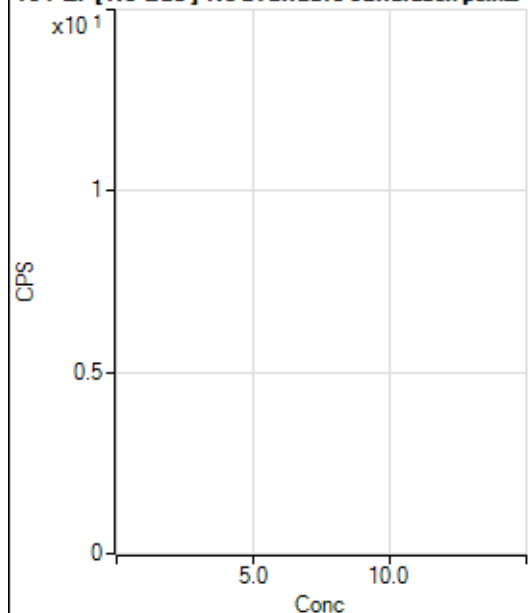
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			0.00		P	
6	☐			2.22		P	173.
7	☐			5.56		P	91.6
8	☐			4.45		P	86.6
9	☐			15.56		P	32.7

160 Gd [No Gas] Noavailable calibration poin_

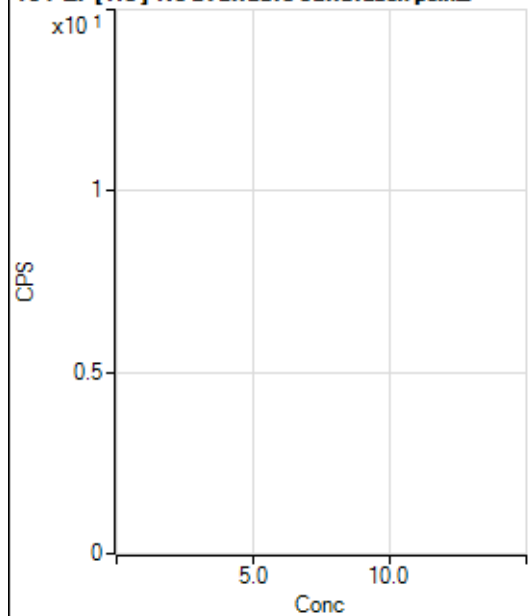
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	43.3
2	☐						
3	☐			44.45		P	54.1
4	☐			50.00		P	44.1
5	☐			63.89		P	27.2
6	☐			66.67		P	76.0
7	☐			80.56		P	6.0
8	☐			61.11		P	47.9
9	☐			127.79		P	27.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	25.0
2	☐						
3	☐			7.78		P	24.7
4	☐			7.78		P	24.7
5	☐			6.67		P	50.0
6	☐			4.44		P	173.
7	☐			8.89		P	94.4
8	☐			13.33		P	25.0
9	☐			13.33		P	25.0

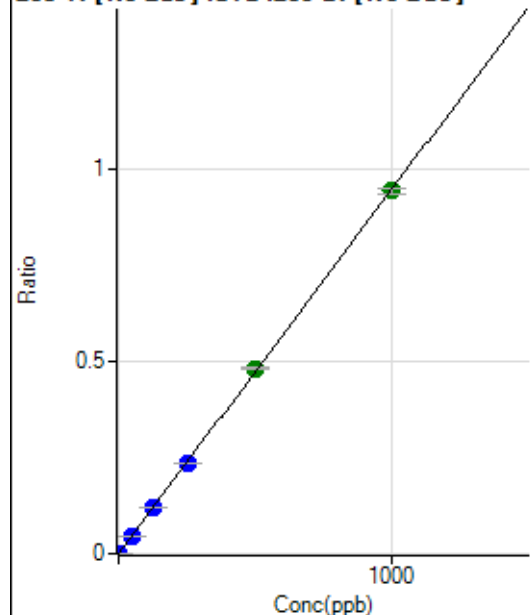
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			58.33		P	37.8
4	☐			44.45		P	39.0
5	☐			30.56		P	41.7
6	☐			41.67		P	20.0
7	☐			47.22		P	83.4
8	☐			72.22		P	6.7
9	☐			61.11		P	31.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			7.78		P	24.7
4	☐			8.89		P	21.6
5	☐			4.44		P	173.
6	☐			6.67		P	50.0
7	☐			7.78		P	49.5
8	☐			12.22		P	31.5
9	☐			6.67		P	50.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	197.23	0.0000	P	31.1
2	☐	0.100					
3	☐	1.000	0.918	5426.41	0.0009	P	9.4
4	☐	50.000	49.716	296476.42	0.0470	P	0.8
5	☐	125.000	124.584	759120.39	0.1177	P	0.6
6	☐	250.000	247.928	1548233.08	0.2342	P	0.3
7	☐	500.000	507.711	3262669.97	0.4796	A	1.0
8	☐	1000.000	996.729	6410860.09	0.9415	A	1.8
9	☐			2033.60	0.0003	P	3.3

$$y = 9.4459\text{E-}004 * x + 3.0517\text{E-}005$$

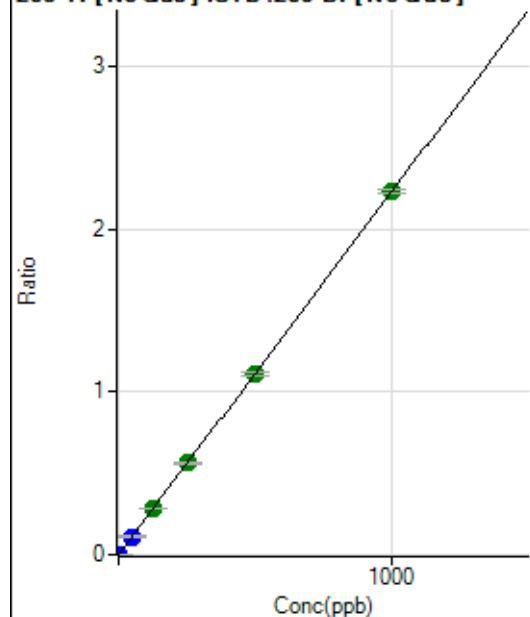
$$R = 1.0000$$

$$DL = 0.03017$$

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	502.81	0.0001	P	11.5
2	☐	0.100					
3	☐	1.000	0.928	12987.73	0.0021	P	5.1
4	☐	50.000	50.299	707495.64	0.1121	P	1.2
5	☐	125.000	127.883	1837900.82	0.2850	A	0.4
6	☐	250.000	252.164	3713991.45	0.5619	A	0.4
7	☐	500.000	498.069	7549135.84	1.1097	A	1.3
8	☐	1000.000	1000.049	15171920.30	2.2281	A	1.0
9	☐			4840.04	0.0008	P	7.7

$$y = 0.0022 * x + 7.7821\text{E-}005$$

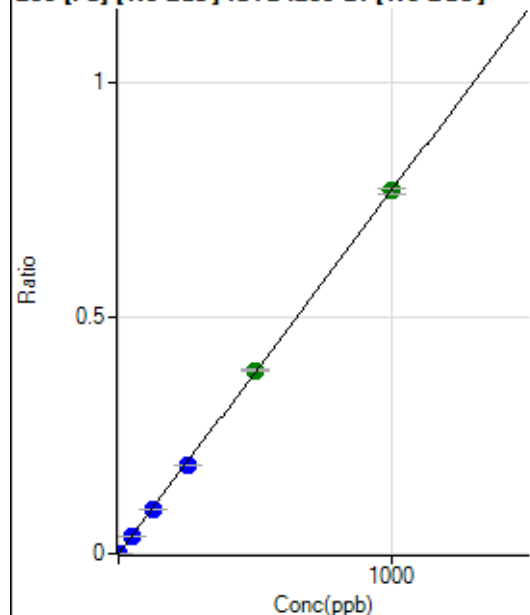
$$R = 1.0000$$

$$DL = 0.01207$$

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	181.49	0.0000	P	12.1
2	☐	0.100					
3	☐	1.000	0.944	4569.46	0.0008	P	7.3
4	☐	50.000	49.249	239511.23	0.0380	P	0.9
5	☐	125.000	123.824	615312.22	0.0954	P	0.4
6	☐	250.000	245.612	1250707.90	0.1892	P	0.5
7	☐	500.000	503.663	2639332.18	0.3880	A	1.2
8	☐	1000.000	999.450	5242259.55	0.7699	A	1.3
9	☐			6620.45	0.0011	P	1.8

$$y = 7.7027\text{E-}004 * x + 2.8101\text{E-}005$$

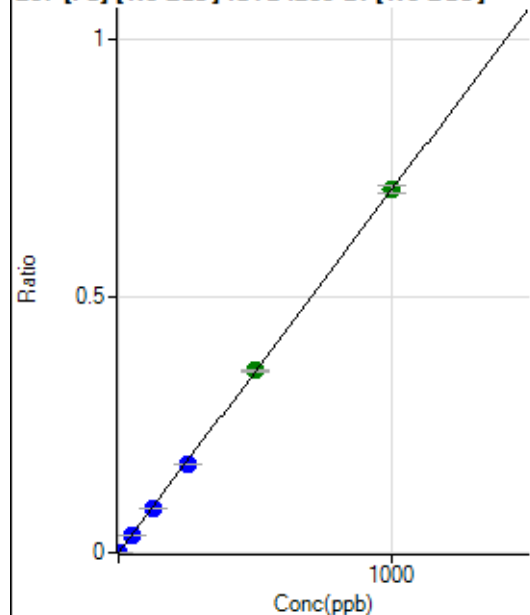
$$R = 1.0000$$

$$DL = 0.01324$$

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	175.93	0.0000	P	2.7
2	☐	0.100					
3	☐	1.000	0.917	4089.67	0.0007	P	6.1
4	☐	50.000	48.962	218403.14	0.0346	P	1.1
5	☐	125.000	122.508	558332.60	0.0866	P	0.2
6	☐	250.000	243.644	1137964.10	0.1722	P	0.5
7	☐	500.000	502.592	2415640.10	0.3551	A	1.0
8	☐	1000.000	1000.657	4813710.76	0.7070	A	2.0
9	☐			5343.86	0.0009	P	4.3

$$y = 7.0648\text{E-}004 * x + 2.7251\text{E-}005$$

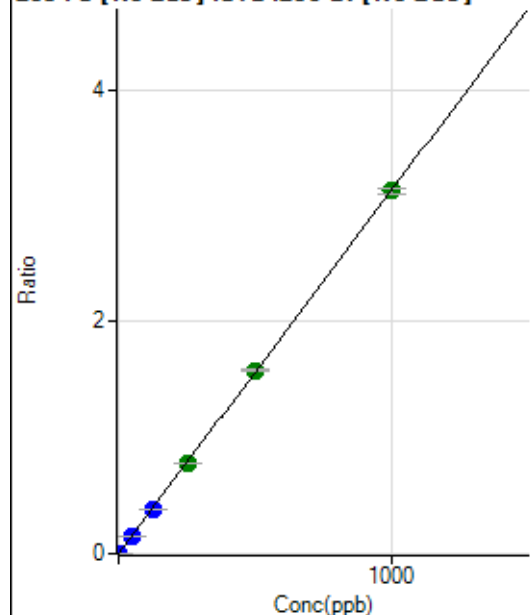
$$R = 1.0000$$

$$DL = 0.003162$$

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	737.06	0.0001	P	6.8
2	☐	0.100					
3	☐	1.000	0.930	18337.20	0.0030	P	4.8
4	☐	50.000	49.419	977386.21	0.1549	P	0.8
5	☐	125.000	123.727	2500291.81	0.3877	P	0.2
6	☐	250.000	249.352	5163793.28	0.7812	A	0.5
7	☐	500.000	503.644	10733395.32	1.5778	A	0.8
8	☐	1000.000	998.528	21299154.24	3.1280	A	1.4
9	☐			25423.69	0.0041	P	1.9

$$y = 0.0031 * x + 1.1414E-004$$

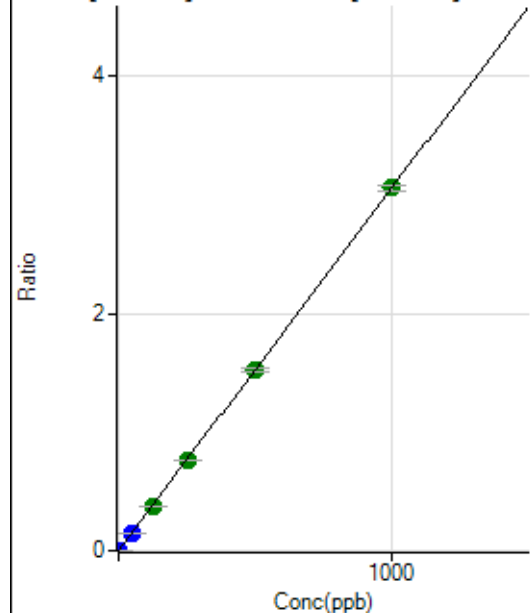
$$R = 1.0000$$

$$DL = 0.007471$$

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	105.56	0.0000	P	8.2
2	☐	0.100					
3	☐	1.000	0.884	16431.02	0.0027	P	6.7
4	☐	50.000	49.089	945308.90	0.1498	P	1.1
5	☐	125.000	124.042	2441500.97	0.3786	A	0.3
6	☐	250.000	247.282	4988796.86	0.7547	A	0.3
7	☐	500.000	498.630	10352338.60	1.5218	A	1.2
8	☐	1000.000	1001.530	20813266.61	3.0566	A	1.4
9	☐			541.71	0.0001	P	24.9

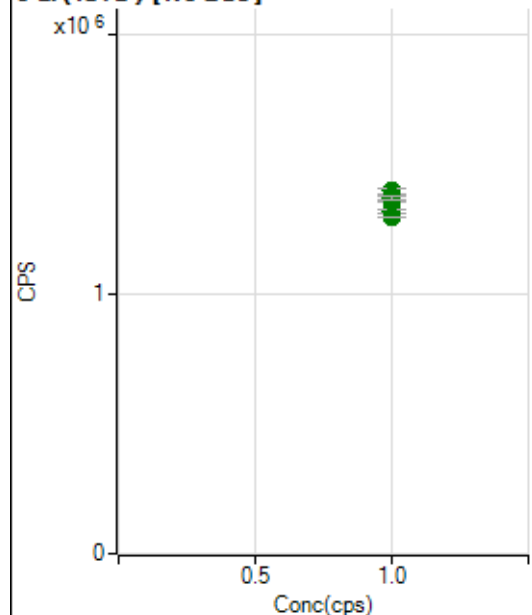
$$y = 0.0031 * x + 1.6341E-005$$

$$R = 1.0000$$

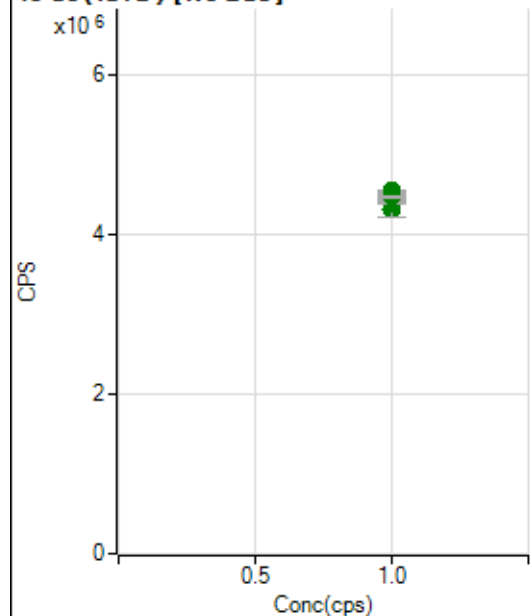
$$DL = 0.001319$$

Weight: <None>

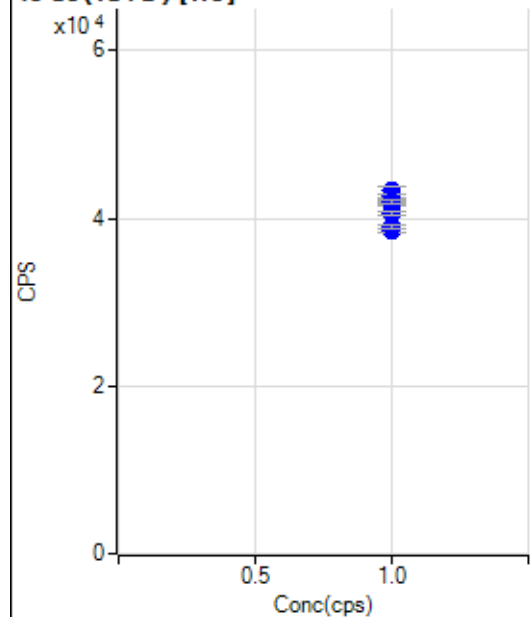
Min Conc: 0

6 Li (ISTD) [No Gas]

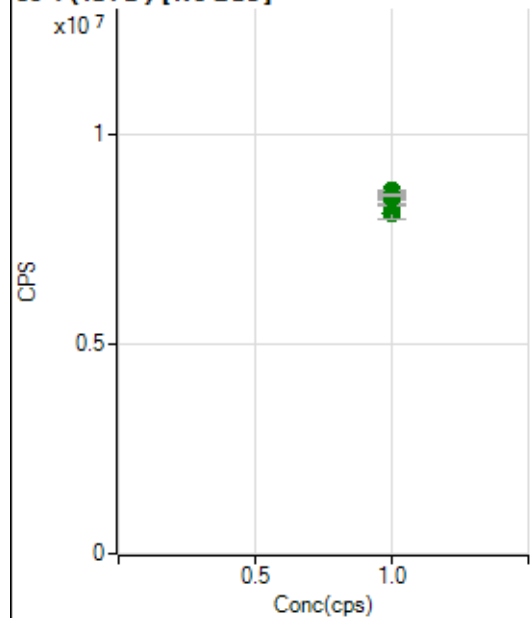
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1396855.41		A	1.7
2	☐	1.000					
3	☐	1.000		1323930.14		A	4.8
4	☐	1.000		1361997.38		A	0.6
5	☐	1.000		1371925.38		A	1.8
6	☐	1.000		1376663.40		A	0.5
7	☐	1.000		1372428.52		A	1.1
8	☐	1.000		1319220.91		A	0.9
9	☐	1.000		1296033.50		A	0.1

45 Sc (ISTD) [No Gas]

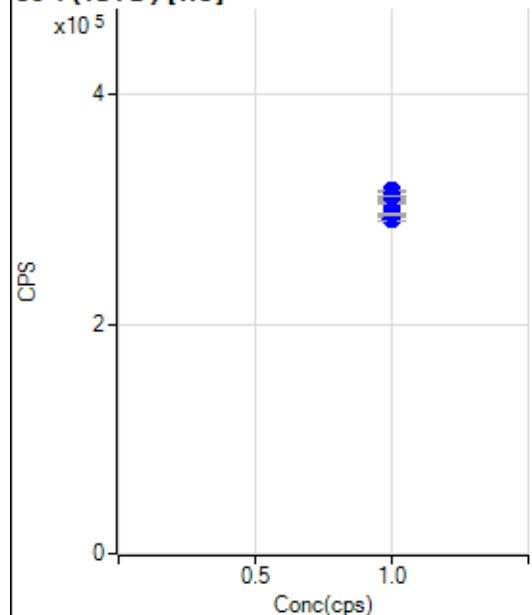
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4548051.15		A	0.5
2	☐	1.000					
3	☐	1.000		4317802.22		A	5.1
4	☐	1.000		4449548.88		A	0.5
5	☐	1.000		4491940.29		A	1.6
6	☐	1.000		4519378.10		A	0.7
7	☐	1.000		4416052.96		A	0.8
8	☐	1.000		4397167.63		A	0.7
9	☐	1.000		4473718.24		A	0.4

45 Sc (ISTD) [He]

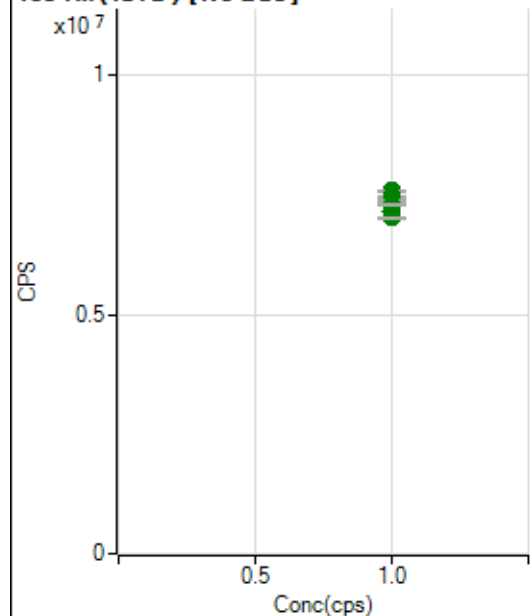
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		43284.43		P	2.0
2	☐	1.000					
3	☐	1.000		42616.76		P	1.0
4	☐	1.000		41772.06		P	0.7
5	☐	1.000		41944.74		P	0.5
6	☐	1.000		40597.52		P	1.2
7	☐	1.000		38510.56		P	1.0
8	☐	1.000		39086.72		P	1.1
9	☐	1.000		41960.36		P	1.2

89 Y (ISTD) [No Gas]

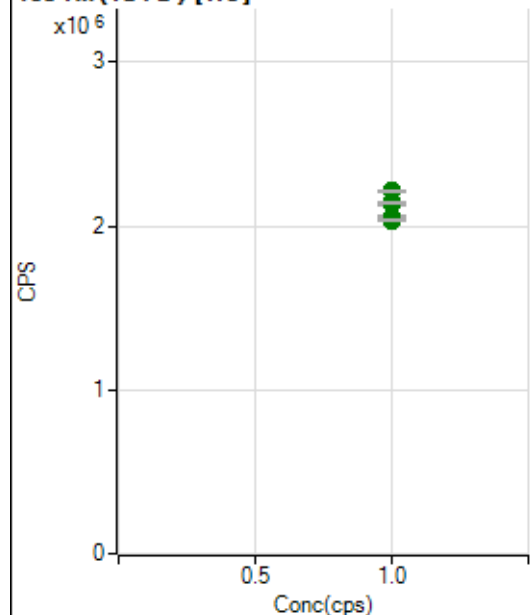
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8529421.19		A	0.3
2	☐	1.000					
3	☐	1.000		8115759.05		A	4.1
4	☐	1.000		8298239.67		A	0.4
5	☐	1.000		8483684.18		A	1.2
6	☐	1.000		8636953.62		A	0.3
7	☐	1.000		8510704.39		A	0.6
8	☐	1.000		8528905.36		A	1.2
9	☐	1.000		8531385.64		A	0.3

89 Y(ISTD) [He]

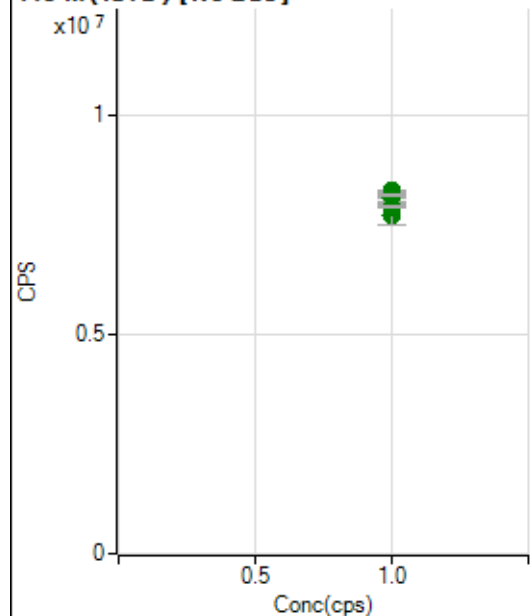
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		315817.81		P	0.6
2	☐	1.000					
3	☐	1.000		307702.24		P	0.1
4	☐	1.000		307900.84		P	0.2
5	☐	1.000		308588.33		P	0.2
6	☐	1.000		305065.34		P	0.4
7	☐	1.000		291923.05		P	1.2
8	☐	1.000		295945.65		P	0.5
9	☐	1.000		311051.54		P	0.1

103 Rh(ISTD) [No Gas]

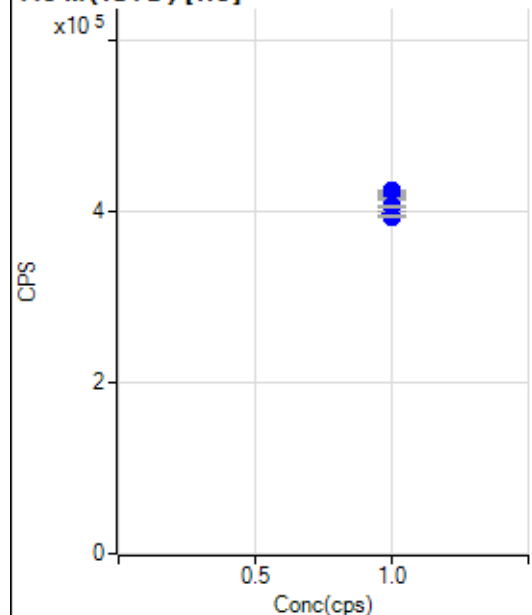
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7578406.68		A	0.5
2	☐	1.000					
3	☐	1.000		7157903.46		A	4.8
4	☐	1.000		7298429.59		A	0.6
5	☐	1.000		7393061.97		A	1.3
6	☐	1.000		7474452.68		A	0.1
7	☐	1.000		7389656.68		A	0.5
8	☐	1.000		7287799.56		A	0.9
9	☐	1.000		7012450.68		A	0.5

103 Rh (ISTD) [He]

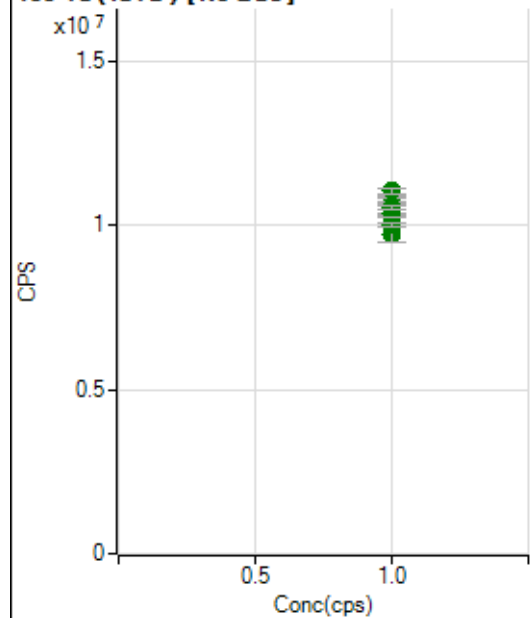
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2213630.31		A	0.5
2	☐	1.000					
3	☐	1.000		2143489.19		A	0.8
4	☐	1.000		2133090.02		A	0.5
5	☐	1.000		2147076.77		A	0.5
6	☐	1.000		2140489.03		A	0.8
7	☐	1.000		2056434.26		A	1.3
8	☐	1.000		2053677.63		A	0.2
9	☐	1.000		2031970.47		A	0.5

115 In (ISTD) [No Gas]

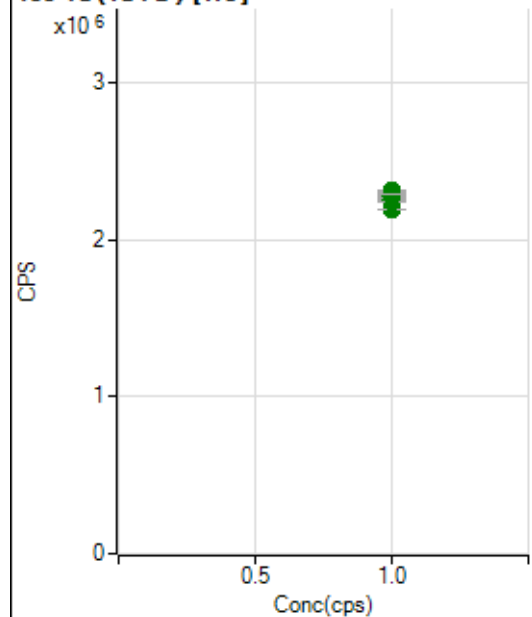
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8157991.55		A	0.5
2	☐	1.000					
3	☐	1.000		7722454.70		A	5.2
4	☐	1.000		7959316.19		A	0.5
5	☐	1.000		8123088.07		A	1.8
6	☐	1.000		8288981.20		A	0.6
7	☐	1.000		8229117.83		A	0.9
8	☐	1.000		8184601.73		A	0.4
9	☐	1.000		7915428.14		A	0.6

115 In (ISTD) [He]

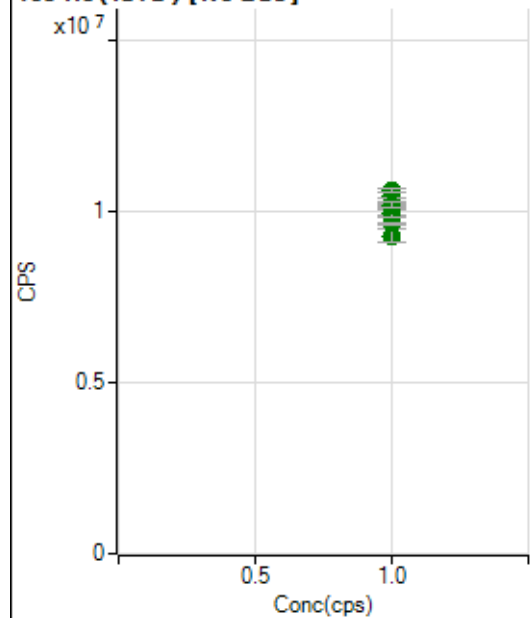
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		423210.77		P	0.8
2	☐	1.000					
3	☐	1.000		417134.49		P	0.4
4	☐	1.000		415085.95		P	0.4
5	☐	1.000		418804.31		P	0.2
6	☐	1.000		413887.53		P	0.9
7	☐	1.000		397101.55		P	0.9
8	☐	1.000		393429.33		P	0.5
9	☐	1.000		405163.08		P	0.4

159 Tb (ISTD) [No Gas]

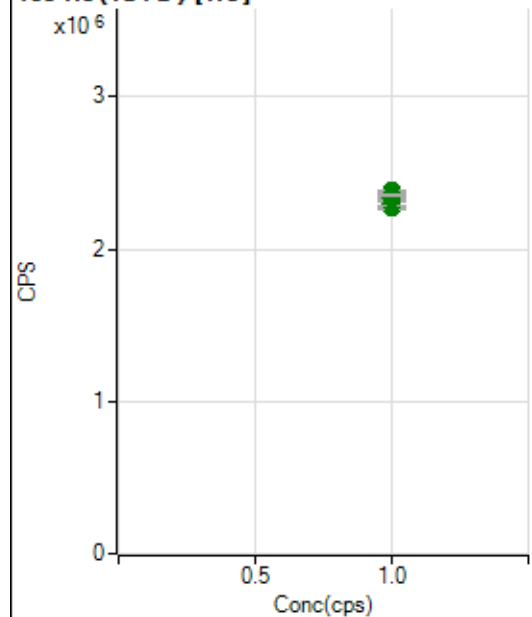
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10320450.06		A	0.4
2	☐	1.000					
3	☐	1.000		9730110.97		A	4.8
4	☐	1.000		10021193.60		A	1.0
5	☐	1.000		10350759.29		A	2.0
6	☐	1.000		10674599.15		A	0.5
7	☐	1.000		10877186.92		A	0.7
8	☐	1.000		11047595.12		A	1.6
9	☐	1.000		10533025.12		A	1.0

159 Tb (ISTD) [He]

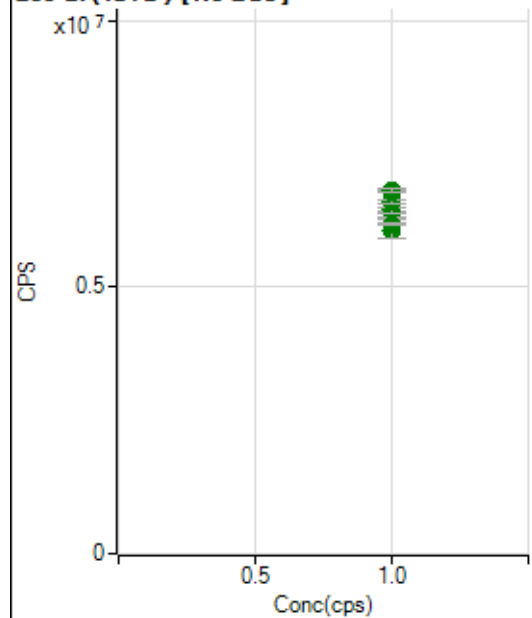
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2282586.96		A	0.3
2	☐	1.000					
3	☐	1.000		2188307.33		A	0.3
4	☐	1.000		2244319.74		A	0.2
5	☐	1.000		2256469.13		A	1.2
6	☐	1.000		2291233.53		A	0.7
7	☐	1.000		2276151.81		A	1.5
8	☐	1.000		2308707.08		A	0.4
9	☐	1.000		2289400.44		A	0.3

165 Ho (ISTD) [No Gas]

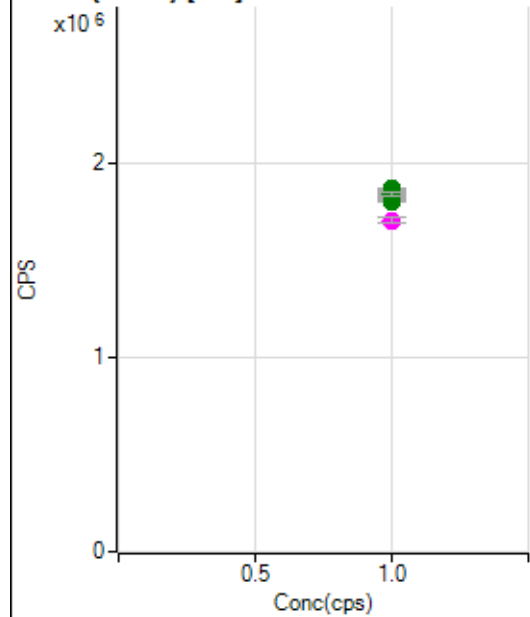
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9853030.08		A	0.7
2	☐	1.000					
3	☐	1.000		9281416.62		A	4.1
4	☐	1.000		9641602.30		A	0.3
5	☐	1.000		9951803.09		A	1.9
6	☐	1.000		10211756.48		A	0.4
7	☐	1.000		10476495.29		A	1.1
8	☐	1.000		10600277.41		A	1.0
9	☐	1.000		10174983.30		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2344238.58		A	0.6
2	☐	1.000					
3	☐	1.000		2267107.50		A	0.5
4	☐	1.000		2293913.89		A	0.9
5	☐	1.000		2335478.47		A	0.6
6	☐	1.000		2364533.01		A	0.4
7	☐	1.000		2336904.57		A	1.7
8	☐	1.000		2381276.46		A	0.1
9	☐	1.000		2351453.12		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6456917.68		A	1.0
2	☐	1.000					
3	☐	1.000		6063702.55		A	4.3
4	☐	1.000		6309142.13		A	0.4
5	☐	1.000		6449150.32		A	1.5
6	☐	1.000		6610117.82		A	0.7
7	☐	1.000		6803168.72		A	1.0
8	☐	1.000		6809844.27		A	1.1
9	☐	1.000		6179141.37		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1865001.43		A	0.7
2	☐	1.000					
3	☐	1.000		1803528.50		A	0.9
4	☐	1.000		1822341.05		A	0.1
5	☐	1.000		1846566.62		A	0.6
6	☐	1.000		1849286.86		A	0.2
7	☐	1.000		1832694.52		A	1.1
8	☐	1.000		1836253.05		A	1.0
9	☐	1.000		1702819.66		M	1.5

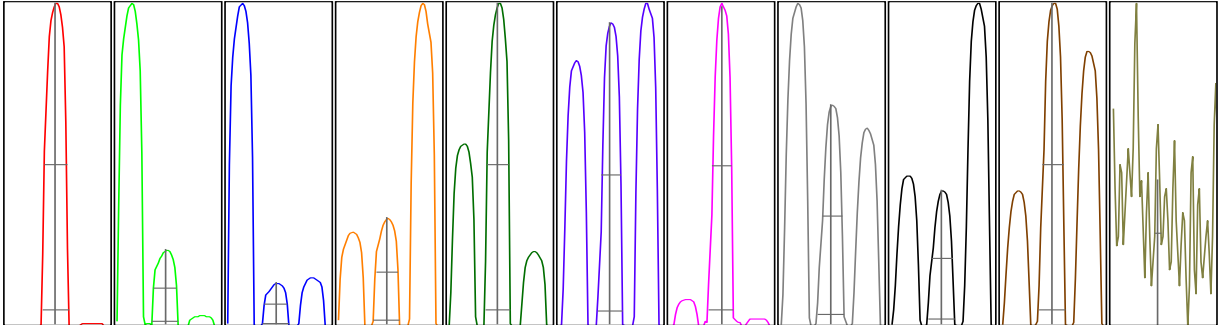
US EPA Tune Check Sample Report

Batch Folder D:\P8121817MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4584	1.57	5.00	
24	35160	1.20	5.00	
25	4617	1.29	5.00	
26	5241	1.16	5.00	
59	50453	1.58	5.00	
113	7206	2.25	5.00	
115	94365	2.96	5.00	
206	21317	2.48	5.00	
207	19338	2.67	5.00	
208	46054	2.63	5.00	
220	2	19.67		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4521	4495	4607	4652	4644
24	34625	34999	35255	35784	35135
25	4555	4561	4631	4698	4638
26	5157	5210	5259	5319	5260
59	49147	50420	50559	51232	50908
113	6968	7202	7250	7423	7190
115	90964	93650	93681	98656	94875
206	20880	20849	21369	22157	21328
207	19118	18639	19484	20047	19404
208	45885	44100	46553	47348	46387
220	2	2	1	2	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	7605	8.95	8.9 - 9.1		0.779	0.900	
24	57413	23.95	23.9 - 24.1		0.740	0.900	
25	7534	24.95	24.9 - 25.1		0.752	0.900	
26	8627	25.95	25.9 - 26.1		0.744	0.900	
59	85917	58.95	58.9 - 59.1		0.734	0.900	
113	13211	113.00	112.9 - 113.1		0.719	0.900	
115	170017	115.05	114.9 - 115.1		0.732	0.900	
206	37854	206.00	205.9 - 206.1		0.777	0.900	
207	33940	207.00	206.9 - 207.1		0.780	0.900	
208	81163	208.00	207.9 - 208.1		0.776	0.900	
220	2	219.85	-				

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	13.4	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7084	0.85	
89	1814	0.70	
205	10682	0.68	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7164	7037	7114	7089	7014
89	1823	1819	1816	1821	1792
205	10782	10724	10650	10593	10663

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	1.6	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	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 :	LB92267	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 14:53:14	DataFile Name :	004CALB_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.49	-0.49	0.98	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.04	-0.03	0.07	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.02	0.04	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.15	0.01	-0.16	0.00	N/A	ppb
Boron	11-1	0.04	-0.02	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.00	-0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.14	-0.02	0.16	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	4.36	-7.98	3.63	0.00	N/A	ppb
Calcium	44-1	-0.27	-2.45	2.72	0.00	N/A	ppb
Chromium	52-2	-0.04	0.03	0.01	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	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	0.07	-0.16	0.08	0.00	N/A	ppb
Iron	57-2	0.79	0.01	-0.80	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.66	-0.12	0.78	0.00	N/A	ppb
Manganese	55-2	-0.02	-0.01	0.03	0.00	N/A	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 14:53:14	DataFile Name :	004CALB_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.01	0.04	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	0.04	0.02	0.00	N/A	ppb
Phosphorus	31-2	-10.55	-10.55	-10.55	-10.55		ppb
Potassium	39-2	-11.30	4.91	6.40	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	3.09	-1.55	-1.55	0.00	N/A	ppb
Selenium	78-2	-0.50	0.25	0.25	0.00	N/A	ppb
Selenium	82-1	0.08	0.14	-0.22	0.00	N/A	ppb
Silicon	28-1	1.30	-0.08	-1.22	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	-0.01	0.01	0.00	N/A	ppb
Sodium	23-2	-7.21	4.64	2.57	0.00	N/A	ppb
Strontium	86-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-222.99	-347.18	-475.32	-348.50		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	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	0.00	0.00	N/A	ppb
Titanium	47-1	0.05	-0.04	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.03	0.00	0.03	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 14:53:14	DataFile Name :	004CALB_P8121817MS.

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

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:00:10	DataFile Name :	006CAL5_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.47	22.75	17.27	19.50	14.80	ppb
Antimony	121-1	1.94	1.95	1.85	1.91	3.05	ppb
Arsenic	75-2	1.01	1.14	1.03	1.06	6.76	ppb
Barium	135-1	9.16	10.42	9.57	9.72	6.62	ppb
Barium	137-1	9.07	10.29	9.28	9.54	6.84	ppb
Beryllium	9-1	0.81	1.03	0.96	0.93	12.36	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	10-1	22.87	25.68	20.38	22.98	11.53	ppb
Boron	11-1	22.57	24.38	21.56	22.84	6.26	ppb
Cadmium	111-1	0.86	0.92	0.77	0.85	8.39	ppb
Cadmium	106-1	-0.63	0.82	-0.84	-0.22		ppb
Cadmium	108-1	0.77	0.92	1.26	0.98	25.82	ppb
Calcium	43-1	436.23	495.01	452.20	461.15	6.59	ppb
Calcium	44-1	450.10	489.57	438.89	459.52	5.79	ppb
Chromium	52-2	1.81	1.85	2.08	1.91	7.55	ppb
Cobalt	59-2	0.83	0.92	0.91	0.89	5.39	ppb
Copper	63-2	1.77	1.75	1.89	1.80	4.06	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				94		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	45.87	47.23	47.60	46.90	1.94	ppb
Iron	57-2	40.16	42.15	56.12	46.14	18.85	ppb
Lead	206-1	0.89	1.03	0.91	0.94	7.59	ppb
Lead	207-1	0.94	0.96	0.85	0.92	6.35	ppb
Lead	208-1	0.92	0.98	0.89	0.93	5.04	ppb
Lithium	6-1				95		%
Magnesium	24-2	439.19	448.61	475.76	454.52	4.18	ppb
Manganese	55-2	0.87	1.01	1.03	0.97	9.09	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:00:10	DataFile Name :	006CAL5_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.55	4.82	4.51	4.62	3.62	ppb
Molybdenum	95-1	4.40	4.78	4.59	4.59	4.13	ppb
Molybdenum	96-1	4.61	4.73	4.55	4.63	1.98	ppb
Molybdenum	97-1	4.55	4.69	4.35	4.53	3.87	ppb
Molybdenum	98-1	4.50	4.84	4.55	4.63	3.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	0.97	0.95	0.98	3.99	ppb
Phosphorus	31-2	-10.55	-10.55	52.73	10.55	346.41	ppb
Potassium	39-2	475.70	477.30	421.06	458.02	6.99	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	77-2	3.25	3.24	8.04	4.84	57.19	ppb
Selenium	78-2	3.38	9.57	5.69	6.21	50.35	ppb
Selenium	82-1	4.41	5.67	5.19	5.09	12.52	ppb
Silicon	28-1	18.94	42.67	22.12	27.91	46.15	ppb
Silver	109-1	0.79	0.90	0.78	0.82	7.72	ppb
Silver	107-1	0.82	1.07	0.77	0.89	17.89	ppb
Sodium	23-2	468.79	446.27	467.98	461.02	2.77	ppb
Strontium	86-1	0.95	1.03	0.91	0.96	6.47	ppb
Strontium	88-1	0.92	0.98	0.94	0.95	3.55	ppb
Sulfur	34-1	-255.26	1525.29	-224.55	348.50	292.47	ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.86	1.02	0.87	0.92	9.75	ppb
Thallium	205-1	0.93	0.98	0.88	0.93	5.33	ppb
Tin	118-1	4.77	5.15	4.50	4.81	6.80	ppb
Titanium	47-1	4.67	5.51	4.46	4.88	11.44	ppb
Uranium	238-1	0.84	0.95	0.86	0.88	6.75	ppb
Vanadium	51-2	4.42	4.37	4.27	4.35	1.78	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	1.88	1.92	2.27	2.02	10.69	ppb
Zirconium	90-1	0.93	0.98	0.92	0.94	3.04	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:00:10	DataFile Name :	006CALS_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.00	0.92	0.79	0.90	11.85	ppb

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 15:03:38 DataFile Name : 007CAL5_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1046.76	1029.14	1021.39	1032.43	1.26	ppb
Antimony	121-1	52.99	52.06	52.21	52.42	0.96	ppb
Arsenic	75-2	52.91	50.53	48.89	50.78	3.98	ppb
Barium	135-1	263.63	256.88	262.50	261.00	1.39	ppb
Barium	137-1	266.30	261.50	264.16	263.98	0.91	ppb
Beryllium	9-1	54.06	53.30	52.73	53.36	1.25	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	51.90	48.33	46.43	48.89	5.68	ppb
Boron	11-1	48.87	51.11	50.27	50.08	2.26	ppb
Cadmium	111-1	54.25	52.29	54.28	53.61	2.12	ppb
Cadmium	106-1	55.28	50.78	52.28	52.78	4.34	ppb
Cadmium	108-1	56.88	52.53	53.75	54.39	4.12	ppb
Calcium	43-1	5011.73	4960.58	4908.92	4960.41	1.04	ppb
Calcium	44-1	5115.19	4959.21	5043.86	5039.42	1.55	ppb
Chromium	52-2	49.68	51.42	51.03	50.71	1.80	ppb
Cobalt	59-2	50.65	50.88	50.37	50.63	0.50	ppb
Copper	63-2	99.87	101.12	100.16	100.38	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				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	2606.58	2622.78	2588.04	2605.80	0.67	ppb
Iron	57-2	2538.81	2646.65	2547.59	2577.68	2.32	ppb
Lead	206-1	48.77	49.57	49.40	49.25	0.85	ppb
Lead	207-1	48.61	49.58	48.70	48.96	1.09	ppb
Lead	208-1	49.02	49.77	49.47	49.42	0.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	5238.59	5368.07	5199.19	5268.62	1.68	ppb
Manganese	55-2	103.61	103.49	102.34	103.15	0.68	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:03:38	DataFile Name :	007CAL5_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	252.50	254.08	251.67	252.75	0.49	ppb
Molybdenum	95-1	251.90	250.00	252.39	251.43	0.50	ppb
Molybdenum	96-1	250.77	248.13	250.11	249.67	0.55	ppb
Molybdenum	97-1	253.50	246.66	250.49	250.22	1.37	ppb
Molybdenum	98-1	255.04	250.53	253.36	252.98	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.49	51.37	51.07	51.31	0.43	ppb
Phosphorus	31-2	859.92	1126.50	1344.26	1110.22	21.85	ppb
Potassium	39-2	2573.18	2679.04	2630.45	2627.56	2.02	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	41.46	55.99	36.85	44.77	22.32	ppb
Selenium	78-2	48.19	49.91	49.17	49.09	1.75	ppb
Selenium	82-1	49.81	52.79	51.32	51.31	2.90	ppb
Silicon	28-1	79.46	76.22	79.40	78.36	2.37	ppb
Silver	109-1	54.58	53.00	54.19	53.93	1.53	ppb
Silver	107-1	54.89	53.21	54.11	54.07	1.56	ppb
Sodium	23-2	5301.54	5266.82	5160.53	5242.96	1.40	ppb
Strontium	86-1	50.72	50.95	51.16	50.94	0.43	ppb
Strontium	88-1	51.08	51.17	51.25	51.17	0.17	ppb
Sulfur	34-1	891.28	606.66	656.37	718.11	21.17	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	49.26	49.84	50.05	49.72	0.82	ppb
Thallium	205-1	49.64	50.45	50.81	50.30	1.19	ppb
Tin	118-1	53.26	51.85	52.32	52.47	1.37	ppb
Titanium	47-1	252.75	248.61	254.70	252.02	1.24	ppb
Uranium	238-1	48.49	49.42	49.36	49.09	1.06	ppb
Vanadium	51-2	50.65	50.08	49.90	50.21	0.78	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	102.79	104.74	98.92	102.15	2.90	ppb
Zirconium	90-1	50.33	50.42	50.47	50.41	0.14	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:03:38	DataFile Name :	007CALS_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.46	49.71	49.28	49.82	1.19	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:07:04	DataFile Name :	008CAL5_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2508.94	2469.17	2537.82	2505.31	1.38	ppb
Antimony	121-1	130.84	127.77	128.55	129.06	1.24	ppb
Arsenic	75-2	126.48	127.12	127.90	127.17	0.56	ppb
Barium	135-1	648.03	634.66	634.76	639.15	1.20	ppb
Barium	137-1	651.37	633.25	644.43	643.02	1.42	ppb
Beryllium	9-1	130.83	129.53	130.12	130.16	0.50	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	125.41	127.34	132.76	128.51	2.96	ppb
Boron	11-1	121.78	124.88	124.98	123.88	1.47	ppb
Cadmium	111-1	132.46	130.41	131.29	131.39	0.78	ppb
Cadmium	106-1	130.78	128.35	125.97	128.37	1.87	ppb
Cadmium	108-1	133.27	127.88	131.49	130.88	2.10	ppb
Calcium	43-1	12378.58	12408.46	12220.26	12335.77	0.82	ppb
Calcium	44-1	12233.37	12240.51	12268.34	12247.41	0.15	ppb
Chromium	52-2	125.99	124.77	124.57	125.11	0.61	ppb
Cobalt	59-2	126.20	124.89	124.32	125.14	0.77	ppb
Copper	63-2	251.94	247.89	248.54	249.46	0.87	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				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	6472.11	6374.68	6469.16	6438.65	0.86	ppb
Iron	57-2	6360.10	6357.65	6282.07	6333.28	0.70	ppb
Lead	206-1	123.79	124.27	123.41	123.82	0.35	ppb
Lead	207-1	122.34	122.34	122.85	122.51	0.24	ppb
Lead	208-1	123.54	123.93	123.71	123.73	0.16	ppb
Lithium	6-1				98		%
Magnesium	24-2	13092.02	12850.63	12853.82	12932.16	1.07	ppb
Manganese	55-2	247.88	251.36	250.03	249.76	0.70	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:07:04	DataFile Name :	008CAL5_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	628.83	636.01	631.66	632.17	0.57	ppb
Molybdenum	95-1	625.41	637.91	624.34	629.22	1.20	ppb
Molybdenum	96-1	632.80	648.35	625.34	635.50	1.85	ppb
Molybdenum	97-1	611.80	623.83	608.59	614.74	1.31	ppb
Molybdenum	98-1	620.02	634.88	628.09	627.66	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.63	125.37	125.00	126.00	1.13	ppb
Phosphorus	31-2	2354.66	2139.97	2702.98	2399.21	11.84	ppb
Potassium	39-2	6363.33	6265.51	6455.17	6361.34	1.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	118.22	146.61	160.70	141.84	15.25	ppb
Selenium	78-2	118.81	140.17	124.53	127.84	8.65	ppb
Selenium	82-1	125.83	129.98	124.39	126.73	2.29	ppb
Silicon	28-1	181.25	184.26	186.01	183.84	1.31	ppb
Silver	109-1	135.08	131.10	132.56	132.91	1.51	ppb
Silver	107-1	133.94	130.97	131.37	132.09	1.22	ppb
Sodium	23-2	12844.94	12846.47	12849.22	12846.88	0.02	ppb
Strontium	86-1	124.69	127.01	123.23	124.98	1.53	ppb
Strontium	88-1	125.91	127.47	127.68	127.02	0.76	ppb
Sulfur	34-1	2202.58	2154.97	2390.82	2249.46	5.54	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	123.68	124.84	125.23	124.58	0.65	ppb
Thallium	205-1	127.35	127.94	128.36	127.88	0.39	ppb
Tin	118-1	129.87	126.77	128.25	128.30	1.21	ppb
Titanium	47-1	621.39	627.50	623.36	624.08	0.50	ppb
Uranium	238-1	123.83	123.80	124.50	124.04	0.32	ppb
Vanadium	51-2	125.42	121.99	127.09	124.83	2.08	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	253.23	250.01	254.12	252.46	0.86	ppb
Zirconium	90-1	126.32	127.44	125.70	126.49	0.70	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:07:04	DataFile Name :	008CALS_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	121.92	124.75	122.84	123.17	1.17	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:10:26	DataFile Name :	009CAL5_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5184.89	5210.36	5113.40	5169.55	0.97	ppb
Antimony	121-1	257.86	258.35	256.88	257.70	0.29	ppb
Arsenic	75-2	256.89	251.62	252.99	253.83	1.08	ppb
Barium	135-1	1300.81	1284.34	1273.94	1286.36	1.05	ppb
Barium	137-1	1293.57	1266.72	1261.15	1273.82	1.36	ppb
Beryllium	9-1	261.02	256.44	257.83	258.43	0.91	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	244.25	239.97	249.59	244.60	1.97	ppb
Boron	11-1	245.21	249.31	251.50	248.67	1.29	ppb
Cadmium	111-1	259.43	255.93	256.16	257.17	0.76	ppb
Cadmium	106-1	260.16	259.28	259.40	259.62	0.18	ppb
Cadmium	108-1	256.83	250.68	259.50	255.67	1.77	ppb
Calcium	43-1	24692.14	24894.01	24509.59	24698.58	0.78	ppb
Calcium	44-1	24471.62	24541.56	24290.61	24434.60	0.53	ppb
Chromium	52-2	252.55	256.99	253.77	254.44	0.90	ppb
Cobalt	59-2	250.38	256.11	253.19	253.23	1.13	ppb
Copper	63-2	499.81	511.09	505.94	505.61	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	12804.85	13092.49	13005.26	12967.53	1.14	ppb
Iron	57-2	12648.83	13028.20	12981.66	12886.23	1.61	ppb
Lead	206-1	246.73	245.78	244.32	245.61	0.49	ppb
Lead	207-1	244.81	242.25	243.87	243.64	0.53	ppb
Lead	208-1	250.73	248.37	248.96	249.35	0.49	ppb
Lithium	6-1				99		%
Magnesium	24-2	25759.92	26256.30	25927.81	25981.34	0.97	ppb
Manganese	55-2	500.28	511.84	507.91	506.68	1.16	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:10:26	DataFile Name :	009CAL5_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1266.58	1255.84	1253.47	1258.63	0.56	ppb
Molybdenum	95-1	1264.70	1243.85	1250.70	1253.08	0.85	ppb
Molybdenum	96-1	1257.62	1241.48	1246.14	1248.41	0.67	ppb
Molybdenum	97-1	1266.34	1247.30	1260.79	1258.15	0.78	ppb
Molybdenum	98-1	1246.94	1229.67	1247.88	1241.50	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	253.86	257.23	256.28	255.79	0.68	ppb
Phosphorus	31-2	4960.20	5650.52	5155.54	5255.42	6.77	ppb
Potassium	39-2	12529.44	12754.28	12921.62	12735.11	1.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	77-2	285.06	234.95	225.12	248.37	12.94	ppb
Selenium	78-2	281.57	315.65	253.01	283.41	11.07	ppb
Selenium	82-1	256.06	249.89	253.54	253.16	1.23	ppb
Silicon	28-1	280.83	286.28	279.55	282.22	1.27	ppb
Silver	109-1	263.73	264.00	263.63	263.79	0.07	ppb
Silver	107-1	262.75	263.55	261.91	262.74	0.31	ppb
Sodium	23-2	26048.55	26595.48	26244.39	26296.14	1.05	ppb
Strontium	86-1	252.27	247.31	248.75	249.45	1.02	ppb
Strontium	88-1	251.91	251.39	251.39	251.56	0.12	ppb
Sulfur	34-1	4626.75	4449.58	4056.78	4377.70	6.66	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	248.07	247.11	248.61	247.93	0.31	ppb
Thallium	205-1	253.28	252.04	251.18	252.16	0.42	ppb
Tin	118-1	254.77	251.47	252.94	253.06	0.65	ppb
Titanium	47-1	1238.27	1246.61	1231.08	1238.65	0.63	ppb
Uranium	238-1	246.32	247.84	247.69	247.28	0.34	ppb
Vanadium	51-2	251.75	254.93	251.32	252.67	0.78	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	502.28	519.38	516.52	512.73	1.79	ppb
Zirconium	90-1	253.21	249.13	251.21	251.18	0.81	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:10:26	DataFile Name :	009CALS_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	245.24	241.72	245.30	244.09	0.84	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:13:40	DataFile Name :	010CAL5_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10472.09	10061.36	10093.30	10208.92	2.24	ppb
Antimony	121-1	512.19	504.75	510.86	509.26	0.78	ppb
Arsenic	75-2	498.33	503.83	502.14	501.43	0.56	ppb
Barium	135-1	2547.13	2519.83	2538.12	2535.03	0.55	ppb
Barium	137-1	2514.12	2520.01	2493.21	2509.11	0.56	ppb
Beryllium	9-1	504.79	496.39	489.07	496.75	1.58	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	480.97	486.85	492.59	486.80	1.19	ppb
Boron	11-1	489.49	486.61	484.25	486.79	0.54	ppb
Cadmium	111-1	508.43	499.24	500.59	502.75	0.99	ppb
Cadmium	106-1	505.49	504.12	515.11	508.24	1.18	ppb
Cadmium	108-1	508.47	505.81	511.81	508.70	0.59	ppb
Calcium	43-1	50038.14	49267.13	49541.10	49615.46	0.79	ppb
Calcium	44-1	49130.66	48609.70	49426.33	49055.56	0.84	ppb
Chromium	52-2	504.83	502.80	503.98	503.87	0.20	ppb
Cobalt	59-2	503.44	502.23	501.86	502.51	0.16	ppb
Copper	63-2	1003.82	1008.33	1005.96	1006.04	0.22	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				100		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	25801.23	25750.23	25727.20	25759.55	0.15	ppb
Iron	57-2	25712.62	25854.80	25682.91	25750.11	0.36	ppb
Lead	206-1	510.20	498.38	502.40	503.66	1.19	ppb
Lead	207-1	507.48	497.42	502.88	502.59	1.00	ppb
Lead	208-1	506.33	499.12	505.48	503.64	0.78	ppb
Lithium	6-1				98		%
Magnesium	24-2	51650.33	52388.62	51911.96	51983.64	0.72	ppb
Manganese	55-2	1007.56	1011.83	997.22	1005.54	0.75	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:13:40	DataFile Name :	010CAL5_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2529.45	2487.95	2516.70	2511.37	0.85	ppb
Molybdenum	95-1	2466.42	2499.48	2511.29	2492.40	0.93	ppb
Molybdenum	96-1	2487.45	2512.54	2496.60	2498.86	0.51	ppb
Molybdenum	97-1	2536.41	2510.42	2545.05	2530.63	0.71	ppb
Molybdenum	98-1	2507.60	2517.19	2522.30	2515.70	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.78	506.01	508.90	506.56	0.42	ppb
Phosphorus	31-2	10334.97	10605.48	9891.21	10277.22	3.51	ppb
Potassium	39-2	24680.31	24919.54	24668.11	24755.98	0.57	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	512.41	438.77	499.26	483.48	8.12	ppb
Selenium	78-2	537.83	507.86	480.55	508.75	5.63	ppb
Selenium	82-1	506.94	501.96	507.42	505.44	0.60	ppb
Silicon	28-1	563.70	560.52	566.78	563.67	0.56	ppb
Silver	109-1	516.43	507.37	509.67	511.16	0.92	ppb
Silver	107-1	520.35	512.57	512.26	515.06	0.89	ppb
Sodium	23-2	51781.38	51173.25	51807.01	51587.21	0.70	ppb
Strontium	86-1	497.85	497.81	505.57	500.41	0.89	ppb
Strontium	88-1	499.73	499.07	502.37	500.39	0.35	ppb
Sulfur	34-1	10077.78	9275.76	9423.57	9592.37	4.45	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	513.10	503.59	506.44	507.71	0.96	ppb
Thallium	205-1	501.00	490.46	502.75	498.07	1.33	ppb
Tin	118-1	518.49	509.02	501.95	509.82	1.63	ppb
Titanium	47-1	2549.72	2532.64	2509.28	2530.55	0.80	ppb
Uranium	238-1	504.42	492.16	499.31	498.63	1.24	ppb
Vanadium	51-2	500.82	501.54	502.29	501.55	0.15	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	1022.50	1013.77	1013.36	1016.54	0.51	ppb
Zirconium	90-1	495.03	500.76	505.82	500.54	1.08	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:13:40	DataFile Name :	010CALS_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.41	495.57	498.82	496.93	0.34	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:16:53	DataFile Name :	011CAL5_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19749.58	19899.77	20598.56	20082.64	2.26	ppb
Antimony	121-1	998.33	1002.92	977.20	992.82	1.38	ppb
Arsenic	75-2	992.44	996.14	1005.47	998.02	0.67	ppb
Barium	135-1	5001.03	5034.71	4877.49	4971.08	1.67	ppb
Barium	137-1	5034.40	5053.86	4871.36	4986.54	2.01	ppb
Beryllium	9-1	1011.37	995.53	989.21	998.70	1.14	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	1003.92	1007.58	1011.35	1007.62	0.37	ppb
Boron	11-1	1004.35	1000.44	1016.60	1007.13	0.84	ppb
Cadmium	111-1	995.78	1013.94	977.84	995.85	1.81	ppb
Cadmium	106-1	990.85	1006.56	981.34	992.92	1.28	ppb
Cadmium	108-1	998.51	1000.72	980.61	993.28	1.11	ppb
Calcium	43-1	100205.78	99524.49	99165.06	99631.78	0.53	ppb
Calcium	44-1	98087.52	97798.60	96843.88	97576.67	0.67	ppb
Chromium	52-2	983.23	994.52	1012.97	996.91	1.51	ppb
Cobalt	59-2	1002.52	983.38	1007.77	997.89	1.29	ppb
Copper	63-2	1966.56	1987.01	2033.31	1995.63	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	50399.81	50688.69	51532.51	50873.67	1.16	ppb
Iron	57-2	50261.99	50470.47	51310.19	50680.88	1.09	ppb
Lead	206-1	1009.84	1003.95	984.57	999.45	1.32	ppb
Lead	207-1	1016.44	1007.57	977.96	1000.66	2.01	ppb
Lead	208-1	1009.88	1003.28	982.43	998.53	1.43	ppb
Lithium	6-1				94		%
Magnesium	24-2	100382.64	100651.81	103079.95	101371.47	1.47	ppb
Manganese	55-2	1968.98	1997.80	2019.53	1995.44	1.27	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:16:53	DataFile Name :	011CAL5_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5021.19	5018.95	4933.24	4991.13	1.00	ppb
Molybdenum	95-1	5048.71	5001.08	4951.68	5000.49	0.97	ppb
Molybdenum	96-1	5045.40	5003.27	4944.30	4997.66	1.02	ppb
Molybdenum	97-1	5035.19	4966.72	4943.88	4981.93	0.95	ppb
Molybdenum	98-1	5032.66	4990.26	4952.82	4991.91	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	982.49	989.20	1013.55	995.08	1.64	ppb
Phosphorus	31-2	19337.97	19266.47	20809.42	19804.62	4.40	ppb
Potassium	39-2	48834.13	48696.45	49656.01	49062.20	1.06	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	932.65	1157.04	930.79	1006.82	12.92	ppb
Selenium	78-2	980.89	974.30	1005.69	986.96	1.68	ppb
Selenium	82-1	1001.07	997.36	990.19	996.21	0.56	ppb
Silicon	28-1	961.29	946.13	946.06	951.16	0.92	ppb
Silver	109-1	991.19	1002.37	975.81	989.79	1.35	ppb
Silver	107-1	989.86	1004.96	969.78	988.20	1.79	ppb
Sodium	23-2	99547.92	100594.68	101364.82	100502.47	0.91	ppb
Strontium	86-1	1012.49	999.80	987.37	999.89	1.26	ppb
Strontium	88-1	1006.19	1004.46	986.65	999.10	1.08	ppb
Sulfur	34-1	20897.59	20380.74	19936.08	20404.80	2.36	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	1014.00	998.66	977.52	996.73	1.84	ppb
Thallium	205-1	1011.23	997.62	991.29	1000.05	1.02	ppb
Tin	118-1	995.52	1009.18	976.68	993.79	1.64	ppb
Titanium	47-1	5021.38	4977.89	4963.47	4987.58	0.60	ppb
Uranium	238-1	1017.26	997.96	989.37	1001.53	1.43	ppb
Vanadium	51-2	986.73	995.31	1013.67	998.57	1.38	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	1963.12	1990.14	2011.14	1988.13	1.21	ppb
Zirconium	90-1	1006.77	1005.80	985.12	999.23	1.22	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:16:53	DataFile Name :	011CALS_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1002.55	1007.24	999.96	1003.25	0.37	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:20:02	DataFile Name :	012CALS_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100311.00	97815.75	101734.18	99953.65	1.98	ppb
Antimony	121-1	0.99	1.07	1.04	1.03	4.06	ppb
Arsenic	75-2	0.20	0.30	0.47	0.32	41.70	ppb
Barium	135-1	1.25	1.32	1.29	1.29	2.71	ppb
Barium	137-1	1.23	1.33	1.22	1.26	4.79	ppb
Beryllium	9-1	0.92	0.89	0.75	0.85	10.89	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	47.36	41.18	38.62	42.39	10.60	ppb
Boron	11-1	44.43	42.37	38.77	41.86	6.85	ppb
Cadmium	111-1	0.09	0.08	0.14	0.10	34.96	ppb
Cadmium	106-1	-0.45	-0.08	0.23	-0.10		ppb
Cadmium	108-1	0.11	0.29	0.22	0.20	45.30	ppb
Calcium	43-1	499930.46	500728.65	499736.03	500131.71	0.11	ppb
Calcium	44-1	495457.24	502903.28	503479.50	500613.34	0.89	ppb
Chromium	52-2	8.39	8.89	8.79	8.69	3.04	ppb
Cobalt	59-2	1.14	1.05	1.06	1.08	4.89	ppb
Copper	63-2	1.89	1.87	2.00	1.92	3.66	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				103		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	250252.24	245444.25	253463.99	249720.16	1.62	ppb
Iron	57-2	250961.84	243586.47	254751.62	249766.64	2.27	ppb
Lead	206-1	1.33	1.38	1.35	1.35	1.88	ppb
Lead	207-1	1.21	1.22	1.13	1.19	4.46	ppb
Lead	208-1	1.28	1.30	1.25	1.28	1.93	ppb
Lithium	6-1				93		%
Magnesium	24-2	499069.99	492611.75	506712.76	499464.83	1.41	ppb
Manganese	55-2	4.31	4.55	5.10	4.65	8.72	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:20:02	DataFile Name :	012CAL5_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.62	1.56	1.59	1.59	1.85	ppb
Molybdenum	95-1	2.32	2.25	2.33	2.30	2.00	ppb
Molybdenum	96-1	2.40	2.42	2.40	2.41	0.36	ppb
Molybdenum	97-1	2.01	1.83	1.84	1.89	5.31	ppb
Molybdenum	98-1	1.80	1.84	1.82	1.82	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.34	5.82	5.53	5.56	4.35	ppb
Phosphorus	31-2	53.15	-10.55	10.87	17.82	181.86	ppb
Potassium	39-2	250986.52	247014.25	252587.93	250196.23	1.15	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	-1.55	-1.55	3.20	0.04	7796.67	ppb
Selenium	78-2	0.26	1.79	0.26	0.77	114.45	ppb
Selenium	82-1	-0.67	0.70	0.84	0.29	289.12	ppb
Silicon	28-1	244.49	260.84	267.48	257.61	4.59	ppb
Silver	109-1	0.91	0.95	1.00	0.95	4.66	ppb
Silver	107-1	0.96	0.98	0.95	0.97	1.76	ppb
Sodium	23-2	496713.95	497442.43	504838.37	499664.91	0.90	ppb
Strontium	86-1	33.52	33.88	33.49	33.63	0.65	ppb
Strontium	88-1	34.54	34.30	34.57	34.47	0.42	ppb
Sulfur	34-1	-3345.27	-3324.81	-3087.06	-3252.38		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.32	0.32	0.30	0.32	3.59	ppb
Thallium	205-1	0.35	0.31	0.29	0.32	8.60	ppb
Tin	118-1	0.89	0.93	0.84	0.89	4.74	ppb
Titanium	47-1	0.59	0.76	0.75	0.70	13.29	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	30.56	ppb
Vanadium	51-2	0.20	0.17	0.11	0.16	27.80	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	3.94	4.09	4.29	4.11	4.33	ppb
Zirconium	90-1	0.08	0.07	0.08	0.07	6.34	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:20:02	DataFile Name :	012CALS_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.07	0.11	0.09	18.85	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:33:02	DataFile Name :	016ICV_P8121817MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	525.96	487.07	527.86	513.63	4.48	ppb
Antimony	121-1	195.02	194.43	195.86	195.10	0.37	ppb
Arsenic	75-2	196.48	193.70	194.33	194.84	0.75	ppb
Barium	135-1	98.42	98.67	99.40	98.83	0.52	ppb
Barium	137-1	100.25	100.91	99.90	100.35	0.51	ppb
Beryllium	9-1	98.24	98.07	98.93	98.41	0.46	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	619.66	611.92	623.46	618.35	0.95	ppb
Boron	11-1	621.83	616.22	631.63	623.23	1.25	ppb
Cadmium	111-1	104.04	103.11	104.15	103.77	0.55	ppb
Cadmium	106-1	170.34	161.93	163.06	165.11	2.77	ppb
Cadmium	108-1	134.45	130.87	134.91	133.41	1.66	ppb
Calcium	43-1	2000.17	2038.18	2051.89	2030.08	1.32	ppb
Calcium	44-1	1983.11	1988.20	1997.63	1989.65	0.37	ppb
Chromium	52-2	94.33	93.88	94.84	94.35	0.51	ppb
Cobalt	59-2	95.74	94.91	96.90	95.85	1.04	ppb
Copper	63-2	95.28	94.86	96.34	95.49	0.80	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				100		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	980.81	972.89	989.71	981.13	0.86	ppb
Iron	57-2	962.37	965.10	1030.08	985.85	3.89	ppb
Lead	206-1	190.01	187.89	193.45	190.45	1.47	ppb
Lead	207-1	181.05	180.24	185.02	182.10	1.41	ppb
Lead	208-1	190.04	187.40	193.36	190.27	1.57	ppb
Lithium	6-1				96		%
Magnesium	24-2	1137.85	1171.50	1172.04	1160.46	1.69	ppb
Manganese	55-2	96.23	94.29	97.80	96.11	1.83	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:33:02	DataFile Name :	016ICV_P8121817MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1126.96	1117.55	1133.91	1126.14	0.73	ppb
Molybdenum	95-1	496.94	501.94	495.25	498.05	0.70	ppb
Molybdenum	96-1	571.79	570.30	571.29	571.13	0.13	ppb
Molybdenum	97-1	477.49	482.57	485.54	481.87	0.84	ppb
Molybdenum	98-1	490.94	502.00	498.55	497.16	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.87	96.39	97.74	97.00	0.70	ppb
Phosphorus	31-2	31.15	-10.55	-10.55	3.35	718.37	ppb
Potassium	39-2	1981.88	1876.23	1941.36	1933.16	2.76	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	214.91	183.24	136.07	178.08	22.28	ppb
Selenium	78-2	220.21	183.43	203.67	202.43	9.10	ppb
Selenium	82-1	188.32	195.34	195.16	192.94	2.08	ppb
Silicon	28-1	493.11	485.44	499.34	492.63	1.41	ppb
Silver	109-1	101.40	100.30	101.51	101.07	0.66	ppb
Silver	107-1	101.45	100.65	102.89	101.66	1.12	ppb
Sodium	23-2	2005.64	1946.24	1973.15	1975.01	1.51	ppb
Strontium	86-1	487.11	494.24	493.96	491.77	0.82	ppb
Strontium	88-1	488.49	493.11	498.39	493.33	1.00	ppb
Sulfur	34-1	-3730.70	-3851.82	-3636.02	-3739.51		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	193.54	192.01	197.38	194.31	1.42	ppb
Thallium	205-1	198.86	194.83	202.92	198.87	2.03	ppb
Tin	118-1	524.85	519.48	521.42	521.92	0.52	ppb
Titanium	47-1	496.08	493.18	495.02	494.76	0.30	ppb
Uranium	238-1	474.78	470.96	482.49	476.08	1.23	ppb
Vanadium	51-2	94.76	92.89	95.58	94.41	1.46	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	195.06	189.25	191.93	192.08	1.51	ppb
Zirconium	90-1	509.21	513.44	509.53	510.73	0.46	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:33:02	DataFile Name :	016ICV_P8121817MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.23	499.51	503.57	502.10	0.45	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:36:07	DataFile Name :	017CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.90	-0.49	1.19	1.54	144.36	ppb
Antimony	121-1	0.12	0.14	0.12	0.13	10.49	ppb
Arsenic	75-2	-0.02	0.09	-0.04	0.01	948.86	ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.01	0.00	0.02	0.01	105.51	ppb
Beryllium	9-1	0.38	0.35	0.35	0.36	4.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	16.30	13.81	16.39	15.50	9.47	ppb
Boron	11-1	15.97	15.14	14.59	15.23	4.56	ppb
Cadmium	111-1	0.03	-0.15	-0.14	-0.09		ppb
Cadmium	106-1	0.28	-1.89	-2.01	-1.21		ppb
Cadmium	108-1	0.00	0.23	0.00	0.08	169.09	ppb
Calcium	43-1	-13.42	-19.54	-19.16	-17.37		ppb
Calcium	44-1	-2.68	-5.33	-4.60	-4.20		ppb
Chromium	52-2	0.05	-0.02	0.05	0.03	169.55	ppb
Cobalt	59-2	0.00	0.00	0.03	0.01	152.30	ppb
Copper	63-2	0.02	-0.01	0.01	0.01	191.96	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				94		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	1.96	1.91	2.87	2.25	23.89	ppb
Iron	57-2	3.09	0.90	2.51	2.17	52.33	ppb
Lead	206-1	0.05	0.03	0.05	0.04	30.48	ppb
Lead	207-1	0.06	0.04	0.05	0.05	15.57	ppb
Lead	208-1	0.06	0.05	0.05	0.05	16.68	ppb
Lithium	6-1				95		%
Magnesium	24-2	-12.97	-20.23	-14.00	-15.73		ppb
Manganese	55-2	0.10	0.03	0.01	0.05	103.70	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:36:07	DataFile Name :	017CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.01	0.03	57.00	ppb
Molybdenum	95-1	0.08	0.08	0.05	0.07	20.18	ppb
Molybdenum	96-1	0.06	0.02	0.05	0.04	38.61	ppb
Molybdenum	97-1	0.09	0.05	0.02	0.05	63.88	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	5.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.18	0.40	0.19	116.10	ppb
Phosphorus	31-2	10.33	-10.55	109.50	36.43	176.07	ppb
Potassium	39-2	-10.85	5.93	33.63	9.57	234.69	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	-1.55	7.83	-1.55	1.58	342.54	ppb
Selenium	78-2	0.26	0.25	1.26	0.59	98.15	ppb
Selenium	82-1	-0.67	0.43	0.12	-0.04		ppb
Silicon	28-1	-11.07	-8.91	-10.22	-10.07		ppb
Silver	109-1	0.11	0.15	0.14	0.13	14.37	ppb
Silver	107-1	0.14	0.15	0.12	0.13	12.18	ppb
Sodium	23-2	12.70	9.30	75.37	32.46	114.62	ppb
Strontium	86-1	0.02	0.08	0.04	0.05	68.70	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-3427.87	-3394.24	-3480.68	-3434.26		ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.09	0.08	0.08	0.09	8.26	ppb
Thallium	205-1	0.08	0.09	0.08	0.08	5.12	ppb
Tin	118-1	0.11	0.09	0.12	0.11	11.96	ppb
Titanium	47-1	-0.01	-0.06	0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	463.84	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	927.45	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	0.16	0.00	0.08	0.08	100.16	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	15.19	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:36:07	DataFile Name :	017CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.07	0.05	28.83	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:39:15	DataFile Name :	018ICSA_P8121817MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91944.68	93418.87	92142.30	92501.95	0.87	ppb
Antimony	121-1	1.15	1.16	1.20	1.17	2.55	ppb
Arsenic	75-2	0.36	0.38	0.47	0.40	15.45	ppb
Barium	135-1	1.59	1.46	1.60	1.55	5.12	ppb
Barium	137-1	1.60	1.46	1.58	1.55	4.82	ppb
Beryllium	9-1	0.51	0.54	0.37	0.47	19.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	14.10	14.25	12.86	13.74	5.57	ppb
Boron	11-1	13.50	14.76	13.72	13.99	4.81	ppb
Cadmium	111-1	0.15	0.11	0.20	0.15	30.08	ppb
Cadmium	106-1	-1.76	-1.41	-0.85	-1.34		ppb
Cadmium	108-1	7.94	8.37	7.74	8.02	4.01	ppb
Calcium	43-1	97802.72	98017.22	98732.03	98183.99	0.50	ppb
Calcium	44-1	96625.78	96550.56	97077.02	96751.12	0.29	ppb
Chromium	52-2	19.67	19.78	19.67	19.71	0.31	ppb
Cobalt	59-2	1.08	1.21	1.10	1.13	6.17	ppb
Copper	63-2	7.64	7.65	7.53	7.61	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	98701.80	100935.63	99751.76	99796.40	1.12	ppb
Iron	57-2	98702.65	100567.53	98440.15	99236.78	1.17	ppb
Lead	206-1	4.67	4.74	4.63	4.68	1.10	ppb
Lead	207-1	4.15	4.01	4.07	4.07	1.72	ppb
Lead	208-1	4.37	4.31	4.37	4.35	0.78	ppb
Lithium	6-1				94		%
Magnesium	24-2	99454.84	100336.05	100459.13	100083.34	0.55	ppb
Manganese	55-2	7.16	8.64	8.04	7.95	9.37	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:39:15	DataFile Name :	018ICSA_P8121817MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1350.66	1335.88	1332.21	1339.58	0.73	ppb
Molybdenum	95-1	1918.29	1910.06	1893.16	1907.17	0.67	ppb
Molybdenum	96-1	1827.51	1830.65	1829.07	1829.07	0.09	ppb
Molybdenum	97-1	1929.22	1911.22	1925.56	1922.00	0.49	ppb
Molybdenum	98-1	1912.90	1898.58	1893.04	1901.51	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.61	4.80	5.14	4.85	5.46	ppb
Phosphorus	31-2	96344.90	99687.87	102551.89	99528.22	3.12	ppb
Potassium	39-2	97646.42	101076.29	99362.45	99361.72	1.73	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	1.80	-0.50	1.81	1.04	128.75	ppb
Selenium	82-1	-0.06	0.14	-0.38	-0.10		ppb
Silicon	28-1	30.34	27.16	28.25	28.58	5.66	ppb
Silver	109-1	1.72	1.93	2.14	1.93	10.83	ppb
Silver	107-1	1.75	2.01	2.12	1.96	9.84	ppb
Sodium	23-2	97600.86	99771.84	98330.88	98567.86	1.12	ppb
Strontium	86-1	32.74	33.15	32.84	32.91	0.64	ppb
Strontium	88-1	33.69	33.54	33.77	33.67	0.35	ppb
Sulfur	34-1	85010.38	84117.17	85429.37	84852.30	0.79	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.14	0.18	0.15	0.16	11.74	ppb
Thallium	205-1	0.16	0.16	0.15	0.16	2.76	ppb
Tin	118-1	0.19	0.22	0.21	0.21	7.45	ppb
Titanium	47-1	2002.70	1994.85	2025.95	2007.83	0.81	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	16.34	ppb
Vanadium	51-2	0.13	0.21	0.16	0.17	23.46	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	11.89	11.72	12.38	12.00	2.86	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	11.42	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:39:15	DataFile Name :	018ICSA_P8121817MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.04	0.05	31.00	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:42:20	DataFile Name :	019ICSB_P8121817MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91865.16	92767.79	91206.90	91946.62	0.85	ppb
Antimony	121-1	20.65	20.70	20.80	20.71	0.37	ppb
Arsenic	75-2	19.02	19.22	19.20	19.15	0.59	ppb
Barium	135-1	21.55	22.15	21.68	21.79	1.45	ppb
Barium	137-1	21.87	21.85	22.00	21.90	0.36	ppb
Beryllium	9-1	21.61	22.57	21.79	21.99	2.33	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	75.21	79.17	77.94	77.44	2.62	ppb
Boron	11-1	77.03	78.63	76.31	77.32	1.54	ppb
Cadmium	111-1	20.61	20.75	20.09	20.48	1.69	ppb
Cadmium	106-1	26.41	26.49	23.69	25.53	6.24	ppb
Cadmium	108-1	28.25	30.67	29.90	29.61	4.18	ppb
Calcium	43-1	97598.10	97134.52	97335.48	97356.03	0.24	ppb
Calcium	44-1	96217.16	96039.17	96987.54	96414.62	0.52	ppb
Chromium	52-2	38.99	39.64	38.76	39.13	1.16	ppb
Cobalt	59-2	20.31	20.67	20.52	20.50	0.88	ppb
Copper	63-2	26.31	26.73	26.85	26.63	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				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	98184.72	98796.18	97855.83	98278.91	0.49	ppb
Iron	57-2	97859.71	98832.41	97350.97	98014.36	0.77	ppb
Lead	206-1	24.40	24.83	24.18	24.47	1.34	ppb
Lead	207-1	22.38	22.29	22.03	22.23	0.81	ppb
Lead	208-1	23.30	23.50	23.20	23.33	0.63	ppb
Lithium	6-1				94		%
Magnesium	24-2	97836.40	100144.76	97999.73	98660.30	1.31	ppb
Manganese	55-2	26.69	28.98	27.49	27.72	4.19	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:42:20	DataFile Name :	019ICSB_P8121817MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1453.37	1462.35	1441.10	1452.28	0.73	ppb
Molybdenum	95-1	1917.87	1954.22	1954.82	1942.30	1.09	ppb
Molybdenum	96-1	1851.42	1864.84	1881.57	1865.94	0.81	ppb
Molybdenum	97-1	1939.50	1976.06	1965.66	1960.41	0.96	ppb
Molybdenum	98-1	1912.26	1969.01	1963.17	1948.15	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.22	24.75	23.90	24.29	1.76	ppb
Phosphorus	31-2	99866.43	98871.58	100063.36	99600.46	0.64	ppb
Potassium	39-2	98015.34	100575.45	98103.97	98898.26	1.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	3.12	7.81	17.24	9.39	76.59	ppb
Selenium	78-2	19.14	20.66	15.45	18.42	14.56	ppb
Selenium	82-1	18.97	18.85	19.65	19.16	2.25	ppb
Silicon	28-1	109.89	105.96	110.84	108.89	2.38	ppb
Silver	109-1	19.34	19.63	20.61	19.86	3.35	ppb
Silver	107-1	19.52	19.74	20.15	19.80	1.60	ppb
Sodium	23-2	97656.04	99830.28	98869.30	98785.21	1.10	ppb
Strontium	86-1	88.59	88.35	88.95	88.63	0.34	ppb
Strontium	88-1	90.12	92.00	92.66	91.59	1.44	ppb
Sulfur	34-1	87701.25	84538.98	85384.61	85874.95	1.91	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	19.77	19.75	20.27	19.93	1.47	ppb
Thallium	205-1	20.21	20.02	20.06	20.10	0.52	ppb
Tin	118-1	57.59	58.91	58.03	58.18	1.16	ppb
Titanium	47-1	2061.53	2024.42	2050.81	2045.59	0.93	ppb
Uranium	238-1	57.52	56.46	56.97	56.98	0.93	ppb
Vanadium	51-2	19.78	19.77	19.09	19.55	2.04	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	30.99	30.00	30.34	30.44	1.66	ppb
Zirconium	90-1	57.75	58.53	59.70	58.66	1.67	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:42:20	DataFile Name :	019ICSB_P8121817MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	57.96	58.80	59.05	58.60	0.98	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:45:23	DataFile Name :	020CCV_P8121817MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51275.57	51592.12	51290.59	51386.09	0.35	ppb
Antimony	121-1	519.19	524.50	521.11	521.60	0.52	ppb
Arsenic	75-2	511.19	509.57	514.23	511.66	0.46	ppb
Barium	135-1	2613.00	2627.85	2623.86	2621.57	0.29	ppb
Barium	137-1	2577.76	2610.35	2605.91	2598.01	0.68	ppb
Beryllium	9-1	546.84	546.08	544.77	545.90	0.19	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	542.79	541.39	556.32	546.83	1.51	ppb
Boron	11-1	541.74	542.85	558.18	547.59	1.68	ppb
Cadmium	111-1	507.16	511.45	508.69	509.10	0.43	ppb
Cadmium	106-1	524.21	521.48	515.25	520.31	0.88	ppb
Cadmium	108-1	505.57	521.56	507.64	511.59	1.70	ppb
Calcium	43-1	250268.59	251291.87	249266.09	250275.52	0.40	ppb
Calcium	44-1	249013.54	248959.27	247985.16	248652.66	0.23	ppb
Chromium	52-2	507.66	511.68	505.48	508.28	0.62	ppb
Cobalt	59-2	489.41	491.40	488.58	489.80	0.30	ppb
Copper	63-2	955.29	964.21	949.85	956.45	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	127194.18	127482.36	125875.85	126850.80	0.68	ppb
Iron	57-2	128400.49	128877.67	126938.79	128072.32	0.79	ppb
Lead	206-1	517.76	518.24	520.97	518.99	0.33	ppb
Lead	207-1	520.81	513.10	518.41	517.44	0.76	ppb
Lead	208-1	518.56	515.50	520.22	518.09	0.46	ppb
Lithium	6-1				92		%
Magnesium	24-2	250978.92	252888.09	253063.69	252310.23	0.46	ppb
Manganese	55-2	1008.00	1020.22	1008.66	1012.29	0.68	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:45:23	DataFile Name :	020CCV_P8121817MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2544.15	2536.10	2542.60	2540.95	0.17	ppb
Molybdenum	95-1	2540.29	2529.21	2562.21	2543.90	0.66	ppb
Molybdenum	96-1	2542.26	2506.02	2541.48	2529.92	0.82	ppb
Molybdenum	97-1	2554.05	2544.71	2583.46	2560.74	0.79	ppb
Molybdenum	98-1	2565.18	2529.67	2579.16	2558.00	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.88	492.56	486.05	488.16	0.78	ppb
Phosphorus	31-2	10508.82	9858.28	10743.24	10370.11	4.42	ppb
Potassium	39-2	129415.29	129693.83	128252.79	129120.63	0.59	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	510.97	497.04	536.44	514.82	3.88	ppb
Selenium	78-2	496.88	515.31	524.66	512.28	2.76	ppb
Selenium	82-1	498.81	500.48	503.71	501.00	0.50	ppb
Silicon	28-1	545.70	562.11	556.73	554.85	1.51	ppb
Silver	109-1	515.98	522.70	520.51	519.73	0.66	ppb
Silver	107-1	516.85	515.16	517.26	516.43	0.22	ppb
Sodium	23-2	252700.64	255897.78	253930.73	254176.39	0.63	ppb
Strontium	86-1	521.90	520.51	524.51	522.31	0.39	ppb
Strontium	88-1	524.24	522.24	529.01	525.16	0.66	ppb
Sulfur	34-1	8691.00	8721.98	8917.70	8776.90	1.40	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	524.00	522.09	523.10	523.06	0.18	ppb
Thallium	205-1	518.05	511.55	515.90	515.17	0.64	ppb
Tin	118-1	523.44	526.92	523.36	524.57	0.39	ppb
Titanium	47-1	2604.05	2596.27	2590.82	2597.05	0.26	ppb
Uranium	238-1	517.51	514.02	520.80	517.44	0.66	ppb
Vanadium	51-2	507.19	514.08	505.29	508.85	0.91	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	969.34	984.37	970.75	974.82	0.85	ppb
Zirconium	90-1	511.40	514.03	511.71	512.38	0.28	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:45:23	DataFile Name :	020CCV_P8121817MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.45	504.84	506.55	505.28	0.22	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:50:33	DataFile Name :	021CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.83	2.37	2.37	2.86	29.55	ppb
Antimony	121-1	0.17	0.16	0.16	0.17	3.07	ppb
Arsenic	75-2	0.03	-0.06	-0.03	-0.02		ppb
Barium	135-1	0.07	0.05	0.05	0.05	20.15	ppb
Barium	137-1	0.04	0.04	0.06	0.04	26.46	ppb
Beryllium	9-1	0.38	0.38	0.34	0.37	6.02	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	14.01	14.60	12.63	13.75	7.33	ppb
Boron	11-1	14.03	13.59	13.02	13.55	3.75	ppb
Cadmium	111-1	-0.07	-0.07	-0.06	-0.07		ppb
Cadmium	106-1	-1.45	-1.14	-0.91	-1.17		ppb
Cadmium	108-1	-0.04	0.07	0.14	0.06	153.27	ppb
Calcium	43-1	-11.07	-18.93	-16.27	-15.42		ppb
Calcium	44-1	-1.47	-3.30	-4.60	-3.12		ppb
Chromium	52-2	-0.05	0.03	-0.04	-0.02		ppb
Cobalt	59-2	0.02	0.01	0.03	0.02	62.95	ppb
Copper	63-2	0.01	0.05	0.03	0.03	65.83	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				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	7.93	7.54	8.05	7.84	3.37	ppb
Iron	57-2	7.26	5.48	4.64	5.79	23.05	ppb
Lead	206-1	0.08	0.11	0.09	0.09	16.99	ppb
Lead	207-1	0.10	0.09	0.11	0.10	8.40	ppb
Lead	208-1	0.10	0.10	0.09	0.10	7.52	ppb
Lithium	6-1				97		%
Magnesium	24-2	-16.97	-14.97	-14.01	-15.31		ppb
Manganese	55-2	0.11	0.04	-0.02	0.04	154.40	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:50:33	DataFile Name :	021CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.14	0.06	0.10	41.12	ppb
Molybdenum	95-1	0.11	0.14	0.13	0.13	13.95	ppb
Molybdenum	96-1	0.12	0.11	0.15	0.13	13.41	ppb
Molybdenum	97-1	0.15	0.15	0.14	0.14	4.83	ppb
Molybdenum	98-1	0.14	0.12	0.15	0.14	13.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.04	0.06	0.03	191.38	ppb
Phosphorus	31-2	-10.55	9.82	-10.55	-3.76		ppb
Potassium	39-2	32.31	5.94	30.61	22.95	64.30	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	3.05	-1.55	3.06	1.52	174.72	ppb
Selenium	78-2	-0.50	0.97	0.24	0.24	312.96	ppb
Selenium	82-1	-0.13	0.02	-0.67	-0.26		ppb
Silicon	28-1	-17.60	-20.24	-19.59	-19.15		ppb
Silver	109-1	0.16	0.15	0.12	0.15	14.64	ppb
Silver	107-1	0.15	0.14	0.15	0.15	7.33	ppb
Sodium	23-2	-6.33	1.30	-10.04	-5.03		ppb
Strontium	86-1	0.05	-0.03	0.06	0.02	190.42	ppb
Strontium	88-1	0.01	0.02	0.02	0.01	37.19	ppb
Sulfur	34-1	-2923.23	-2708.95	-2814.29	-2815.49		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.10	0.09	0.10	5.83	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	0.97	ppb
Tin	118-1	0.07	0.08	0.03	0.06	42.49	ppb
Titanium	47-1	0.11	0.16	0.19	0.16	28.98	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	20.78	ppb
Vanadium	51-2	0.02	0.03	0.03	0.02	28.34	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	0.08	0.12	0.00	0.07	95.52	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	33.93	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:50:33	DataFile Name :	021CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.03	0.03	0.04	31.03	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:53:40	DataFile Name :	022SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.61	13.95	23.90	20.15	26.86	ppb
Antimony	121-1	2.01	1.93	1.94	1.96	2.18	ppb
Arsenic	75-2	1.10	0.79	0.95	0.95	16.39	ppb
Barium	135-1	8.97	9.23	9.31	9.17	1.94	ppb
Barium	137-1	9.28	9.40	9.17	9.28	1.28	ppb
Beryllium	9-1	1.12	1.19	1.21	1.17	3.85	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	32.83	32.17	33.11	32.70	1.47	ppb
Boron	11-1	32.18	32.36	31.72	32.09	1.04	ppb
Cadmium	111-1	0.93	0.91	0.95	0.93	2.18	ppb
Cadmium	106-1	0.56	-0.11	1.79	0.75	129.23	ppb
Cadmium	108-1	0.80	0.87	1.04	0.90	13.50	ppb
Calcium	43-1	441.92	427.95	402.90	424.26	4.66	ppb
Calcium	44-1	435.46	435.87	433.40	434.91	0.30	ppb
Chromium	52-2	2.22	1.82	1.91	1.98	10.74	ppb
Cobalt	59-2	0.91	0.91	0.93	0.92	1.38	ppb
Copper	63-2	1.76	1.72	1.78	1.76	1.69	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				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	51.64	51.25	51.09	51.33	0.55	ppb
Iron	57-2	50.40	54.67	50.07	51.71	4.96	ppb
Lead	206-1	0.95	1.00	1.00	0.98	2.70	ppb
Lead	207-1	0.94	0.94	1.02	0.96	4.81	ppb
Lead	208-1	0.97	0.95	0.98	0.97	1.55	ppb
Lithium	6-1				96		%
Magnesium	24-2	458.57	441.66	441.49	447.24	2.19	ppb
Manganese	55-2	1.11	1.18	0.88	1.06	14.55	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:53:40	DataFile Name :	022SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.40	4.59	4.62	4.54	2.69	ppb
Molybdenum	95-1	4.40	4.33	4.61	4.45	3.36	ppb
Molybdenum	96-1	4.68	4.65	4.53	4.62	1.68	ppb
Molybdenum	97-1	4.44	4.40	4.46	4.43	0.69	ppb
Molybdenum	98-1	4.56	4.54	4.59	4.56	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	0.94	0.91	0.97	8.28	ppb
Phosphorus	31-2	10.02	51.18	30.36	30.52	67.43	ppb
Potassium	39-2	480.67	487.78	480.54	483.00	0.86	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	3.06	-1.55	3.13	1.55	173.03	ppb
Selenium	78-2	9.94	9.23	9.34	9.50	4.03	ppb
Selenium	82-1	3.57	4.64	4.05	4.09	13.16	ppb
Silicon	28-1	1.78	1.19	0.82	1.26	38.41	ppb
Silver	109-1	0.85	0.86	0.88	0.86	1.42	ppb
Silver	107-1	0.89	0.93	0.93	0.91	2.20	ppb
Sodium	23-2	452.93	459.13	435.89	449.31	2.68	ppb
Strontium	86-1	0.92	0.85	0.96	0.91	6.36	ppb
Strontium	88-1	0.96	0.90	0.96	0.94	3.75	ppb
Sulfur	34-1	-2462.52	-2423.08	-2581.73	-2489.11		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.95	0.90	0.97	0.94	4.01	ppb
Thallium	205-1	1.00	0.99	0.99	0.99	0.72	ppb
Tin	118-1	4.70	4.74	4.63	4.69	1.23	ppb
Titanium	47-1	4.58	4.66	4.21	4.48	5.39	ppb
Uranium	238-1	0.84	0.87	0.87	0.86	1.84	ppb
Vanadium	51-2	4.53	4.49	4.62	4.55	1.42	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	1.81	1.96	1.95	1.90	4.45	ppb
Zirconium	90-1	0.91	1.01	0.94	0.95	5.64	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:53:40	DataFile Name :	022SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.93	0.89	0.91	0.91	2.26	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105026BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:56:48	DataFile Name :	023CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.42	0.98	-0.49	0.97	149.87	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	12.16	ppb
Arsenic	75-2	0.01	-0.04	-0.02	-0.02		ppb
Barium	135-1	0.03	0.02	0.02	0.02	31.35	ppb
Barium	137-1	0.00	0.00	0.00	0.00	3.14	ppb
Beryllium	9-1	0.10	0.14	0.13	0.12	17.69	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	9.03	8.80	6.88	8.24	14.31	ppb
Boron	11-1	9.79	9.70	9.13	9.54	3.72	ppb
Cadmium	111-1	-0.11	-0.10	-0.05	-0.09		ppb
Cadmium	106-1	-1.62	-1.46	-0.70	-1.26		ppb
Cadmium	108-1	0.00	0.00	-0.04	-0.01		ppb
Calcium	43-1	-22.55	-21.81	-13.00	-19.12		ppb
Calcium	44-1	-8.30	-7.17	-7.54	-7.67		ppb
Chromium	52-2	0.07	-0.03	0.00	0.02	324.52	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.03	0.02	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	3.28	4.09	3.11	3.49	15.02	ppb
Iron	57-2	0.90	0.95	4.43	2.09	96.56	ppb
Lead	206-1	0.07	0.05	0.05	0.06	14.87	ppb
Lead	207-1	0.05	0.06	0.03	0.05	28.98	ppb
Lead	208-1	0.06	0.05	0.04	0.05	15.72	ppb
Lithium	6-1				96		%
Magnesium	24-2	-4.81	-17.35	-15.44	-12.53		ppb
Manganese	55-2	-0.02	0.09	0.00	0.02	263.71	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105026BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:56:48	DataFile Name :	023CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	-0.02	-0.02	-0.01		ppb
Molybdenum	95-1	0.04	0.04	0.03	0.04	7.59	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.03	13.13	ppb
Molybdenum	97-1	0.03	0.05	0.01	0.03	64.11	ppb
Molybdenum	98-1	0.02	0.03	0.04	0.03	36.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.20	0.14	0.14	42.30	ppb
Phosphorus	31-2	-10.55	-10.55	-10.55	-10.55		ppb
Potassium	39-2	30.48	10.38	13.19	18.02	60.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	1.03	0.27	0.26	0.52	85.39	ppb
Selenium	82-1	-0.11	0.00	-0.06	-0.06		ppb
Silicon	28-1	-12.54	-14.85	-14.37	-13.92		ppb
Silver	109-1	0.05	0.08	0.12	0.08	41.60	ppb
Silver	107-1	0.09	0.07	0.05	0.07	32.90	ppb
Sodium	23-2	-8.17	-4.34	0.22	-4.10		ppb
Strontium	86-1	0.03	-0.04	0.00	0.00		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	46.45	ppb
Sulfur	34-1	-2282.36	-2000.04	-2235.11	-2172.50		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.06	0.05	0.06	19.59	ppb
Thallium	205-1	0.05	0.06	0.06	0.05	8.22	ppb
Tin	118-1	0.01	0.06	0.04	0.04	67.85	ppb
Titanium	47-1	-0.06	-0.04	0.01	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	117.70	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	0.13	0.08	-0.05	0.05	174.83	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	92.99	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105026BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:56:48	DataFile Name :	023CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.00	0.01	0.00	934.40	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105026BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:59:57	DataFile Name :	024LCSE_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.64	41.32	48.09	42.02	13.70	ppb
Antimony	121-1	3.85	3.91	3.86	3.87	0.88	ppb
Arsenic	75-2	1.67	1.78	1.82	1.75	4.13	ppb
Barium	135-1	19.63	19.42	19.95	19.67	1.35	ppb
Barium	137-1	19.37	19.72	19.11	19.40	1.57	ppb
Beryllium	9-1	2.33	2.10	2.31	2.25	5.65	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	50.26	51.88	50.36	50.83	1.79	ppb
Boron	11-1	50.94	54.97	53.62	53.18	3.86	ppb
Cadmium	111-1	1.86	2.11	1.93	1.97	6.47	ppb
Cadmium	106-1	1.47	0.98	1.25	1.23	19.96	ppb
Cadmium	108-1	2.07	2.00	1.64	1.90	12.16	ppb
Calcium	43-1	870.41	924.71	936.51	910.54	3.87	ppb
Calcium	44-1	909.38	899.54	919.95	909.62	1.12	ppb
Chromium	52-2	4.27	4.24	4.20	4.24	0.79	ppb
Cobalt	59-2	1.98	1.97	1.92	1.96	1.68	ppb
Copper	63-2	3.96	3.96	3.95	3.96	0.10	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				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	475.38	473.69	469.13	472.73	0.68	ppb
Iron	57-2	468.12	467.03	467.31	467.49	0.12	ppb
Lead	206-1	1.97	1.90	1.99	1.95	2.39	ppb
Lead	207-1	1.82	1.92	1.95	1.89	3.44	ppb
Lead	208-1	1.87	1.90	1.97	1.91	2.72	ppb
Lithium	6-1				94		%
Magnesium	24-2	995.32	996.08	985.09	992.16	0.62	ppb
Manganese	55-2	2.42	2.32	1.98	2.24	10.40	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105026BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:59:57	DataFile Name :	024LCSE_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.73	9.61	9.69	9.68	0.62	ppb
Molybdenum	95-1	9.42	9.29	9.45	9.39	0.88	ppb
Molybdenum	96-1	9.33	9.36	9.34	9.34	0.14	ppb
Molybdenum	97-1	9.47	9.30	9.42	9.40	0.93	ppb
Molybdenum	98-1	9.27	9.16	9.57	9.34	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.44	2.09	2.14	2.22	8.49	ppb
Phosphorus	31-2	-10.55	-10.55	11.09	-3.34		ppb
Potassium	39-2	968.11	1005.67	962.23	978.67	2.41	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	8.01	3.24	22.92	11.39	90.15	ppb
Selenium	78-2	9.53	8.79	8.99	9.10	4.23	ppb
Selenium	82-1	10.18	10.09	10.29	10.19	0.99	ppb
Silicon	28-1	20.63	22.58	25.17	22.79	9.99	ppb
Silver	109-1	1.76	1.90	1.83	1.83	3.80	ppb
Silver	107-1	1.75	1.82	1.94	1.84	5.23	ppb
Sodium	23-2	968.35	963.53	997.87	976.58	1.90	ppb
Strontium	86-1	1.90	1.70	2.00	1.86	7.96	ppb
Strontium	88-1	2.04	1.95	1.98	1.99	2.24	ppb
Sulfur	34-1	-2535.79	-2422.72	-2007.19	-2321.90		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	1.84	1.86	2.01	1.90	4.87	ppb
Thallium	205-1	1.96	1.94	1.94	1.95	0.60	ppb
Tin	118-1	9.88	9.81	9.87	9.85	0.38	ppb
Titanium	47-1	9.34	9.61	9.53	9.49	1.47	ppb
Uranium	238-1	1.79	1.80	1.85	1.81	1.63	ppb
Vanadium	51-2	9.56	9.59	9.94	9.70	2.17	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	4.51	4.16	4.71	4.46	6.27	ppb
Zirconium	90-1	1.95	1.93	2.03	1.97	2.66	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105026BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:59:57	DataFile Name :	024LCSE_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.93	2.08	2.01	2.01	3.62	ppb

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6803-01 Instrumnet Name : P8
 Client Sample ID : MBDYW5 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 16:03:04 DataFile Name : 025SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.94	18.97	34.65	24.85	34.36	ppb
Antimony	121-1	0.27	0.26	0.25	0.26	3.68	ppb
Arsenic	75-2	0.44	0.36	0.57	0.46	23.28	ppb
Barium	135-1	46.41	45.26	44.98	45.55	1.67	ppb
Barium	137-1	46.92	45.85	44.76	45.84	2.35	ppb
Beryllium	9-1	0.10	0.15	0.03	0.09	61.04	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	548.95	559.17	575.46	561.19	2.38	ppb
Boron	11-1	550.87	563.60	568.88	561.12	1.65	ppb
Cadmium	111-1	-0.02	0.00	0.03	0.00	759.81	ppb
Cadmium	106-1	-0.86	-0.94	-0.76	-0.85		ppb
Cadmium	108-1	0.19	0.02	0.06	0.09	96.56	ppb
Calcium	43-1	125252.45	124546.78	123644.09	124481.11	0.65	ppb
Calcium	44-1	122802.16	122426.38	121895.04	122374.53	0.37	ppb
Chromium	52-2	4.15	4.36	4.89	4.47	8.49	ppb
Cobalt	59-2	0.30	0.28	0.34	0.31	9.55	ppb
Copper	63-2	1.21	1.32	1.51	1.35	11.57	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				104		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	56-2	40.17	43.89	47.25	43.77	8.09	ppb
Iron	57-2	40.22	42.67	56.08	46.32	18.44	ppb
Lead	206-1	0.25	0.24	0.26	0.25	2.90	ppb
Lead	207-1	0.26	0.25	0.19	0.23	14.70	ppb
Lead	208-1	0.26	0.24	0.22	0.24	7.89	ppb
Lithium	6-1				106		%
Magnesium	24-2	43055.39	43893.54	51669.78	46206.24	10.28	ppb
Manganese	55-2	342.13	350.89	408.77	367.27	9.86	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-01	Instrumnet Name :	P8
Client Sample ID :	MBDYW5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:03:04	DataFile Name :	025SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.08	2.02	2.11	2.07	2.12	ppb
Molybdenum	95-1	3.15	3.03	2.92	3.03	3.66	ppb
Molybdenum	96-1	2.80	2.80	2.88	2.82	1.58	ppb
Molybdenum	97-1	2.94	3.16	3.08	3.06	3.54	ppb
Molybdenum	98-1	3.12	2.95	2.91	2.99	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.29	4.35	5.07	4.57	9.59	ppb
Phosphorus	31-2	27.65	-10.55	35.00	17.37	140.80	ppb
Potassium	39-2	2215.92	2278.40	2662.30	2385.54	10.13	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				100		%
Selenium	77-2	-1.55	2.87	-1.55	-0.07		ppb
Selenium	78-2	-0.50	0.92	-0.50	-0.03		ppb
Selenium	82-1	0.36	-0.33	-0.54	-0.17		ppb
Silicon	28-1	15137.43	14893.88	14657.36	14896.22	1.61	ppb
Silver	109-1	1.40	1.31	1.30	1.33	3.98	ppb
Silver	107-1	1.36	1.27	1.26	1.30	4.37	ppb
Sodium	23-2	39102.68	39731.10	46005.73	41613.17	9.17	ppb
Strontium	86-1	208.30	203.16	204.08	205.18	1.33	ppb
Strontium	88-1	213.11	207.30	209.31	209.91	1.41	ppb
Sulfur	34-1	9968.83	9959.30	9708.00	9878.71	1.50	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.18	0.15	0.15	0.16	10.82	ppb
Thallium	205-1	0.17	0.16	0.15	0.16	4.72	ppb
Tin	118-1	0.11	0.16	0.11	0.13	23.11	ppb
Titanium	47-1	0.70	0.78	0.51	0.66	21.05	ppb
Uranium	238-1	1.30	1.31	1.31	1.31	0.51	ppb
Vanadium	51-2	5.50	5.80	6.33	5.88	7.13	ppb
Yttrium	89-1				112		%
Yttrium	89-2				101		%
Zinc	66-2	52.32	54.64	60.57	55.85	7.62	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	56.81	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-01	Instrumnet Name :	P8
Client Sample ID :	MBDYW5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:03:04	DataFile Name :	025SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.03	0.03	52.16	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-02	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:06:12	DataFile Name :	026SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	128.87	125.52	163.44	139.28	15.07	ppb
Antimony	121-1	0.18	0.19	0.19	0.19	2.92	ppb
Arsenic	75-2	0.18	0.19	0.22	0.20	11.70	ppb
Barium	135-1	15.83	16.12	15.97	15.97	0.91	ppb
Barium	137-1	16.08	15.92	16.23	16.08	0.96	ppb
Beryllium	9-1	0.14	0.06	0.05	0.08	58.42	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Boron	10-1	274.12	297.53	279.19	283.62	4.34	ppb
Boron	11-1	276.88	281.82	287.78	282.16	1.93	ppb
Cadmium	111-1	-0.05	-0.01	-0.05	-0.03		ppb
Cadmium	106-1	-1.37	-1.35	-1.34	-1.35		ppb
Cadmium	108-1	0.12	0.08	0.22	0.14	50.07	ppb
Calcium	43-1	92630.87	91301.74	89797.20	91243.27	1.55	ppb
Calcium	44-1	90845.11	90125.36	89929.51	90300.00	0.53	ppb
Chromium	52-2	2.70	2.53	2.70	2.64	3.83	ppb
Cobalt	59-2	2.80	2.78	2.84	2.81	1.14	ppb
Copper	63-2	1.81	1.79	1.83	1.81	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				110		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	56-2	306.59	303.63	302.16	304.13	0.74	ppb
Iron	57-2	297.36	305.18	298.81	300.45	1.39	ppb
Lead	206-1	0.20	0.15	0.18	0.17	13.93	ppb
Lead	207-1	0.18	0.18	0.15	0.17	9.80	ppb
Lead	208-1	0.18	0.16	0.18	0.17	4.73	ppb
Lithium	6-1				108		%
Magnesium	24-2	37995.25	37533.01	37730.79	37753.02	0.61	ppb
Manganese	55-2	3216.50	3162.51	3182.98	3187.33	0.86	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-02	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:06:12	DataFile Name :	026SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.07	1.05	1.04	1.05	1.44	ppb
Molybdenum	95-1	1.26	1.24	1.38	1.29	5.89	ppb
Molybdenum	96-1	1.24	1.37	1.30	1.30	4.71	ppb
Molybdenum	97-1	1.41	1.32	1.36	1.36	3.18	ppb
Molybdenum	98-1	1.36	1.33	1.33	1.34	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.15	3.10	3.08	3.11	1.06	ppb
Phosphorus	31-2	69.64	109.19	9.58	62.81	79.86	ppb
Potassium	39-2	1346.63	1278.46	1289.93	1305.01	2.80	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				102		%
Selenium	77-2	-1.55	-1.55	2.93	-0.05		ppb
Selenium	78-2	0.20	0.93	0.94	0.69	61.14	ppb
Selenium	82-1	0.04	-0.08	-0.99	-0.34		ppb
Silicon	28-1	14767.92	14645.32	14557.79	14657.01	0.72	ppb
Silver	109-1	1.19	1.26	1.31	1.25	4.48	ppb
Silver	107-1	1.24	1.26	1.27	1.26	0.93	ppb
Sodium	23-2	22533.88	22192.64	22142.33	22289.62	0.96	ppb
Strontium	86-1	139.31	138.32	139.40	139.01	0.43	ppb
Strontium	88-1	143.11	143.38	142.97	143.15	0.14	ppb
Sulfur	34-1	3279.29	3676.35	3451.85	3469.16	5.74	ppb
Terbium	159-1				116		%
Terbium	159-2				110		%
Thallium	203-1	0.07	0.08	0.09	0.08	8.28	ppb
Thallium	205-1	0.07	0.08	0.06	0.07	13.68	ppb
Tin	118-1	0.14	0.15	0.17	0.15	7.71	ppb
Titanium	47-1	5.69	5.71	6.21	5.87	4.98	ppb
Uranium	238-1	1.17	1.15	1.16	1.16	0.64	ppb
Vanadium	51-2	4.67	4.70	4.83	4.73	1.81	ppb
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	4.19	4.19	4.21	4.19	0.25	ppb
Zirconium	90-1	0.10	0.09	0.12	0.11	15.98	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-02	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:06:12	DataFile Name :	026SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.10	0.14	0.11	29.44	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-03	Instrumnet Name :	P8
Client Sample ID :	MBDYZ4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:09:17	DataFile Name :	027SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.52	3.61	2.23	4.12	53.25	ppb
Antimony	121-1	0.10	0.12	0.11	0.11	8.29	ppb
Arsenic	75-2	-0.01	0.06	-0.01	0.01	271.36	ppb
Barium	135-1	0.05	0.05	0.06	0.05	21.14	ppb
Barium	137-1	0.03	0.04	0.06	0.04	34.95	ppb
Beryllium	9-1	0.08	0.04	0.06	0.06	29.21	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	21.20	18.20	19.16	19.52	7.84	ppb
Boron	11-1	21.32	18.73	19.34	19.80	6.85	ppb
Cadmium	111-1	-0.12	-0.07	-0.05	-0.08		ppb
Cadmium	106-1	-1.66	-1.30	-0.92	-1.29		ppb
Cadmium	108-1	0.03	-0.04	-0.04	-0.02		ppb
Calcium	43-1	-26.41	-8.57	-16.90	-17.29		ppb
Calcium	44-1	7.51	9.18	11.51	9.40	21.39	ppb
Chromium	52-2	0.28	0.20	0.22	0.23	16.19	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.20	0.25	0.24	0.23	12.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	3.46	3.34	3.69	3.50	5.05	ppb
Iron	57-2	4.08	5.11	7.07	5.42	28.07	ppb
Lead	206-1	8.63	8.59	8.57	8.59	0.36	ppb
Lead	207-1	7.52	7.59	7.73	7.61	1.38	ppb
Lead	208-1	8.04	8.04	8.06	8.05	0.15	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.29	-6.60	-8.88	-5.06		ppb
Manganese	55-2	0.20	0.15	0.38	0.25	49.09	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-03	Instrumnet Name :	P8
Client Sample ID :	MBDYZ4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:09:17	DataFile Name :	027SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.03	0.00	-0.01		ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	25.79	ppb
Molybdenum	96-1	0.00	0.02	0.02	0.01	67.66	ppb
Molybdenum	97-1	0.05	0.04	0.02	0.03	35.77	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.02	40.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.62	0.62	0.64	5.39	ppb
Phosphorus	31-2	29.45	-10.55	47.56	22.15	134.20	ppb
Potassium	39-2	2.27	-12.44	0.07	-3.37		ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	3.02	-1.55	-1.55	-0.02		ppb
Selenium	78-2	3.19	0.92	0.93	1.68	77.90	ppb
Selenium	82-1	-0.69	-1.09	-1.06	-0.95		ppb
Silicon	28-1	-52.56	-50.93	-49.99	-51.16		ppb
Silver	109-1	1.10	1.10	0.98	1.06	6.79	ppb
Silver	107-1	1.16	1.11	1.07	1.11	4.03	ppb
Sodium	23-2	84.96	73.38	107.39	88.58	19.52	ppb
Strontium	86-1	-0.01	0.03	0.00	0.00	461.47	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	5.16	ppb
Sulfur	34-1	-4097.62	-3868.75	-3611.51	-3859.29		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.03	0.03	0.03	17.25	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	10.49	ppb
Tin	118-1	1.00	0.95	0.88	0.94	6.74	ppb
Titanium	47-1	0.07	0.00	0.18	0.09	106.03	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.07	0.11	0.15	0.11	36.19	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	1.33	1.34	1.43	1.37	3.97	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-03	Instrumnet Name :	P8
Client Sample ID :	MBDYZ4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:09:17	DataFile Name :	027SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.00	0.01	101.00	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-04	Instrumnet Name :	P8
Client Sample ID :	MBDYW1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:12:26	DataFile Name :	028SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	234.11	187.37	234.66	218.71	12.41	ppb
Antimony	121-1	0.23	0.24	0.23	0.24	2.10	ppb
Arsenic	75-2	2.13	1.92	2.31	2.12	9.01	ppb
Barium	135-1	45.01	43.26	43.70	43.99	2.07	ppb
Barium	137-1	44.51	43.34	43.86	43.90	1.33	ppb
Beryllium	9-1	0.07	0.12	0.09	0.09	25.51	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	133.76	127.32	132.32	131.13	2.58	ppb
Boron	11-1	127.21	129.75	127.36	128.11	1.11	ppb
Cadmium	111-1	-0.08	-0.13	-0.13	-0.11		ppb
Cadmium	106-1	-1.51	-2.02	-2.06	-1.87		ppb
Cadmium	108-1	0.06	0.02	0.03	0.04	52.61	ppb
Calcium	43-1	110562.08	109341.23	110921.49	110274.93	0.75	ppb
Calcium	44-1	109178.80	107332.77	108887.16	108466.24	0.91	ppb
Chromium	52-2	6.03	6.31	6.56	6.30	4.22	ppb
Cobalt	59-2	1.19	1.15	1.14	1.16	2.18	ppb
Copper	63-2	4.23	4.22	4.25	4.23	0.33	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				112		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	2804.53	2800.07	2736.53	2780.38	1.37	ppb
Iron	57-2	2713.32	2645.04	2696.08	2684.81	1.32	ppb
Lead	206-1	0.95	0.98	0.96	0.97	1.81	ppb
Lead	207-1	0.87	0.81	0.85	0.85	3.60	ppb
Lead	208-1	0.95	0.89	0.91	0.92	2.90	ppb
Lithium	6-1				105		%
Magnesium	24-2	33640.47	33056.71	33046.52	33247.90	1.02	ppb
Manganese	55-2	650.31	652.06	646.30	649.55	0.45	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-04	Instrumnet Name :	P8
Client Sample ID :	MBDYW1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:12:26	DataFile Name :	028SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.30	1.43	1.49	1.41	7.05	ppb
Molybdenum	95-1	1.40	1.31	1.42	1.38	4.26	ppb
Molybdenum	96-1	1.40	1.40	1.35	1.38	2.20	ppb
Molybdenum	97-1	1.38	1.27	1.40	1.35	5.08	ppb
Molybdenum	98-1	1.54	1.34	1.40	1.43	7.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.37	6.02	6.47	6.28	3.78	ppb
Phosphorus	31-2	29.51	9.43	109.16	49.36	106.85	ppb
Potassium	39-2	1967.28	1899.20	2013.70	1960.06	2.94	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	77-2	-1.55	-1.55	2.97	-0.04		ppb
Selenium	78-2	1.66	1.69	0.23	1.19	70.22	ppb
Selenium	82-1	-0.82	-0.85	-1.62	-1.10		ppb
Silicon	28-1	8011.22	7923.93	7945.79	7960.31	0.57	ppb
Silver	109-1	1.13	1.08	1.11	1.11	2.12	ppb
Silver	107-1	1.07	1.00	1.13	1.07	5.90	ppb
Sodium	23-2	41598.92	41265.64	41313.84	41392.80	0.44	ppb
Strontium	86-1	341.45	342.74	338.30	340.83	0.67	ppb
Strontium	88-1	345.71	346.65	343.71	345.36	0.44	ppb
Sulfur	34-1	13117.91	12888.79	13141.04	13049.25	1.07	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.00	0.02	0.01	0.01	67.31	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	20.49	ppb
Tin	118-1	0.20	0.17	0.17	0.18	12.56	ppb
Titanium	47-1	7.11	7.06	7.40	7.19	2.59	ppb
Uranium	238-1	1.43	1.47	1.43	1.44	1.66	ppb
Vanadium	51-2	0.99	0.86	0.89	0.92	7.48	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	10.59	10.15	9.81	10.19	3.83	ppb
Zirconium	90-1	0.23	0.22	0.21	0.22	3.98	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-04	Instrumnet Name :	P8
Client Sample ID :	MBDYW1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:12:26	DataFile Name :	028SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.21	0.24	0.24	8.74	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-05	Instrumnet Name :	P8
Client Sample ID :	MBDYW2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:15:32	DataFile Name :	029SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.85	57.79	59.79	57.81	3.41	ppb
Antimony	121-1	0.33	0.32	0.32	0.32	1.00	ppb
Arsenic	75-2	0.10	0.19	0.17	0.15	31.87	ppb
Barium	135-1	36.02	36.04	36.42	36.16	0.62	ppb
Barium	137-1	36.28	36.83	37.31	36.81	1.40	ppb
Beryllium	9-1	0.03	0.10	0.11	0.08	56.42	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	229.13	231.17	240.97	233.76	2.71	ppb
Boron	11-1	225.59	229.22	238.60	231.14	2.91	ppb
Cadmium	111-1	0.01	-0.06	-0.01	-0.02		ppb
Cadmium	106-1	-0.80	-1.51	-0.86	-1.06		ppb
Cadmium	108-1	-0.01	0.18	0.09	0.09	111.16	ppb
Calcium	43-1	101222.07	102148.23	101983.11	101784.47	0.49	ppb
Calcium	44-1	98534.49	100159.40	100999.56	99897.82	1.25	ppb
Chromium	52-2	6.67	6.30	6.40	6.46	2.95	ppb
Cobalt	59-2	26.27	26.90	27.08	26.75	1.60	ppb
Copper	63-2	5.24	5.51	5.56	5.44	3.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	473.13	487.12	487.83	482.70	1.72	ppb
Iron	57-2	497.87	489.66	503.45	496.99	1.40	ppb
Lead	206-1	0.23	0.22	0.20	0.22	6.39	ppb
Lead	207-1	0.19	0.22	0.19	0.20	8.33	ppb
Lead	208-1	0.23	0.23	0.21	0.22	5.35	ppb
Lithium	6-1				107		%
Magnesium	24-2	33163.18	33509.79	34038.78	33570.58	1.31	ppb
Manganese	55-2	37.00	38.53	37.48	37.67	2.08	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-05	Instrumnet Name :	P8
Client Sample ID :	MBDYW2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:15:32	DataFile Name :	029SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.59	4.76	4.67	4.68	1.81	ppb
Molybdenum	95-1	6.62	6.51	6.63	6.59	1.02	ppb
Molybdenum	96-1	6.12	6.23	6.01	6.12	1.79	ppb
Molybdenum	97-1	6.73	6.51	6.53	6.59	1.85	ppb
Molybdenum	98-1	6.57	6.58	6.68	6.61	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.13	8.22	8.39	8.25	1.58	ppb
Phosphorus	31-2	46.81	29.02	9.43	28.42	65.80	ppb
Potassium	39-2	3237.87	3185.11	3220.81	3214.59	0.84	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	77-2	-1.55	-1.55	2.90	-0.06		ppb
Selenium	78-2	0.92	2.38	1.66	1.65	44.15	ppb
Selenium	82-1	-0.74	-1.16	-1.29	-1.06		ppb
Silicon	28-1	7712.00	7797.95	7790.30	7766.75	0.61	ppb
Silver	109-1	1.36	1.38	1.32	1.36	2.09	ppb
Silver	107-1	1.43	1.38	1.30	1.37	4.74	ppb
Sodium	23-2	42932.56	44422.83	45089.12	44148.17	2.50	ppb
Strontium	86-1	291.05	293.16	290.46	291.56	0.49	ppb
Strontium	88-1	299.61	294.21	300.18	298.00	1.11	ppb
Sulfur	34-1	5381.04	5816.84	5972.97	5723.61	5.36	ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.00	0.01	0.01	58.64	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	49.01	ppb
Tin	118-1	0.12	0.08	0.07	0.09	29.73	ppb
Titanium	47-1	1.64	1.18	1.53	1.45	16.54	ppb
Uranium	238-1	3.00	2.89	2.92	2.93	2.02	ppb
Vanadium	51-2	0.79	0.76	0.71	0.75	5.33	ppb
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	9.38	10.32	10.00	9.90	4.82	ppb
Zirconium	90-1	0.09	0.06	0.07	0.07	26.32	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-05	Instrumnet Name :	P8
Client Sample ID :	MBDYW2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:15:32	DataFile Name :	029SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.06	0.06	0.07	20.16	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-06	Instrumnet Name :	P8
Client Sample ID :	MBDYW9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:18:38	DataFile Name :	030SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	285.43	274.41	293.27	284.37	3.33	ppb
Antimony	121-1	0.18	0.18	0.17	0.17	2.79	ppb
Arsenic	75-2	0.81	0.60	0.71	0.71	14.69	ppb
Barium	135-1	44.57	45.06	45.62	45.08	1.16	ppb
Barium	137-1	45.20	44.86	45.48	45.18	0.68	ppb
Beryllium	9-1	0.11	0.12	0.06	0.10	32.28	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	702.90	728.85	766.53	732.76	4.37	ppb
Boron	11-1	710.06	727.30	756.44	731.26	3.21	ppb
Cadmium	111-1	-0.07	-0.05	-0.01	-0.04		ppb
Cadmium	106-1	-1.62	-1.44	-0.92	-1.33		ppb
Cadmium	108-1	0.12	0.12	0.16	0.13	17.52	ppb
Calcium	43-1	89775.83	90694.28	91576.26	90682.12	0.99	ppb
Calcium	44-1	87310.02	88114.81	89147.05	88190.63	1.04	ppb
Chromium	52-2	2.30	2.26	2.40	2.32	3.06	ppb
Cobalt	59-2	1.20	1.17	1.15	1.17	2.08	ppb
Copper	63-2	2.72	2.77	2.79	2.76	1.42	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				115		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	56-2	456.74	439.17	461.00	452.30	2.56	ppb
Iron	57-2	447.60	449.90	445.96	447.82	0.44	ppb
Lead	206-1	0.52	0.53	0.48	0.51	5.34	ppb
Lead	207-1	0.42	0.45	0.45	0.44	4.38	ppb
Lead	208-1	0.48	0.48	0.47	0.48	0.81	ppb
Lithium	6-1				104		%
Magnesium	24-2	37395.93	36145.40	37582.78	37041.37	2.11	ppb
Manganese	55-2	611.39	592.51	616.01	606.64	2.05	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-06	Instrumnet Name :	P8
Client Sample ID :	MBDYW9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:18:38	DataFile Name :	030SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.03	0.96	0.93	0.97	5.19	ppb
Molybdenum	95-1	1.09	1.16	1.14	1.13	3.55	ppb
Molybdenum	96-1	1.15	1.09	1.22	1.16	5.72	ppb
Molybdenum	97-1	1.18	1.19	1.12	1.16	3.39	ppb
Molybdenum	98-1	1.19	1.21	1.11	1.17	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.19	6.14	6.14	6.15	0.44	ppb
Phosphorus	31-2	90.34	128.70	52.57	90.54	42.04	ppb
Potassium	39-2	2595.99	2479.39	2618.14	2564.51	2.91	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				101		%
Selenium	77-2	2.99	12.29	12.31	9.20	58.43	ppb
Selenium	78-2	-0.50	-0.50	3.23	0.74	291.30	ppb
Selenium	82-1	-0.55	-1.33	-0.04	-0.64		ppb
Silicon	28-1	15547.55	15387.30	15757.48	15564.11	1.19	ppb
Silver	109-1	1.10	1.00	1.15	1.08	6.98	ppb
Silver	107-1	1.14	1.06	1.13	1.11	4.13	ppb
Sodium	23-2	161516.23	156540.76	161812.48	159956.49	1.85	ppb
Strontium	86-1	187.40	189.14	186.55	187.70	0.70	ppb
Strontium	88-1	190.28	192.26	191.08	191.21	0.52	ppb
Sulfur	34-1	5143.53	5431.07	5993.04	5522.54	7.82	ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.03	0.00	0.02	86.61	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	28.78	ppb
Tin	118-1	0.10	0.10	0.10	0.10	4.21	ppb
Titanium	47-1	8.75	6.40	7.10	7.42	16.30	ppb
Uranium	238-1	1.54	1.49	1.59	1.54	3.31	ppb
Vanadium	51-2	7.11	7.02	7.16	7.10	0.99	ppb
Yttrium	89-1				112		%
Yttrium	89-2				102		%
Zinc	66-2	6.81	6.71	7.21	6.91	3.82	ppb
Zirconium	90-1	0.11	0.11	0.13	0.12	13.46	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-06	Instrumnet Name :	P8
Client Sample ID :	MBDYW9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:18:38	DataFile Name :	030SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.13	0.16	0.13	26.34	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-07	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:21:46	DataFile Name :	031SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.31	3.90	5.50	4.90	17.83	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	15.41	ppb
Arsenic	75-2	0.05	-0.04	-0.04	-0.01		ppb
Barium	135-1	0.19	0.25	0.27	0.23	19.12	ppb
Barium	137-1	0.25	0.21	0.24	0.23	7.24	ppb
Beryllium	9-1	0.06	0.10	0.00	0.05	91.61	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	33.80	31.42	28.19	31.14	9.04	ppb
Boron	11-1	34.52	32.26	29.84	32.21	7.27	ppb
Cadmium	111-1	-0.10	-0.09	-0.07	-0.08		ppb
Cadmium	106-1	-1.20	-1.27	-0.82	-1.10		ppb
Cadmium	108-1	0.03	0.00	-0.04	0.00		ppb
Calcium	43-1	18.20	5.38	25.88	16.49	62.84	ppb
Calcium	44-1	45.30	40.56	41.98	42.61	5.70	ppb
Chromium	52-2	0.09	-0.04	0.08	0.05	152.27	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	14.18	ppb
Copper	63-2	0.08	0.10	0.08	0.09	14.18	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				106		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	10.25	9.79	10.54	10.19	3.72	ppb
Iron	57-2	15.89	15.63	10.75	14.09	20.55	ppb
Lead	206-1	0.04	0.04	0.05	0.04	15.59	ppb
Lead	207-1	0.03	0.05	0.04	0.04	28.81	ppb
Lead	208-1	0.04	0.04	0.05	0.04	12.78	ppb
Lithium	6-1				99		%
Magnesium	24-2	-10.41	-8.82	7.84	-3.80		ppb
Manganese	55-2	0.74	0.77	1.08	0.86	21.79	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-07	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:21:46	DataFile Name :	031SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.04	-0.04	-0.04	-0.04		ppb
Molybdenum	95-1	0.01	0.00	0.02	0.01	84.26	ppb
Molybdenum	96-1	0.00	0.02	0.00	0.01	88.76	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	86.98	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.00	158.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.21	-0.07	-0.16		ppb
Phosphorus	31-2	-10.55	-10.55	-10.55	-10.55		ppb
Potassium	39-2	-6.62	-10.10	-3.81	-6.84		ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	-1.55	3.14	-1.55	0.02	15503.85	ppb
Selenium	78-2	-0.50	-0.50	0.26	-0.25		ppb
Selenium	82-1	-0.86	-1.06	-0.44	-0.79		ppb
Silicon	28-1	-37.34	-36.92	-37.79	-37.35		ppb
Silver	109-1	0.01	0.02	0.02	0.02	36.79	ppb
Silver	107-1	0.03	0.01	0.01	0.02	47.95	ppb
Sodium	23-2	14.57	23.97	32.89	23.81	38.47	ppb
Strontium	86-1	0.19	0.22	0.24	0.22	11.33	ppb
Strontium	88-1	0.24	0.25	0.25	0.25	2.98	ppb
Sulfur	34-1	-2179.85	-2188.98	-2154.24	-2174.35		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.00	0.00	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.03	-0.01	-0.02	-0.02		ppb
Titanium	47-1	-0.06	0.11	0.15	0.07	157.95	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.00	0.00	0.01	159.04	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	7.74	9.33	8.92	8.67	9.54	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-07	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:21:46	DataFile Name :	031SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.00	0.01	74.68	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-08	Instrumnet Name :	P8
Client Sample ID :	MBDYT4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:24:54	DataFile Name :	032SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.16	11.98	10.33	9.49	31.59	ppb
Antimony	121-1	0.13	0.14	0.13	0.14	2.92	ppb
Arsenic	75-2	0.06	0.18	0.09	0.11	52.99	ppb
Barium	135-1	25.54	25.20	25.69	25.48	0.97	ppb
Barium	137-1	25.25	25.83	25.88	25.66	1.36	ppb
Beryllium	9-1	0.01	0.05	0.05	0.04	61.41	ppb
Bismuth	209-1				111		%
Bismuth	209-2				99		%
Boron	10-1	443.03	439.04	455.66	445.91	1.95	ppb
Boron	11-1	439.79	448.34	456.10	448.08	1.82	ppb
Cadmium	111-1	-0.11	-0.04	0.03	-0.04		ppb
Cadmium	106-1	-2.73	-1.88	-0.77	-1.79		ppb
Cadmium	108-1	0.06	0.09	0.06	0.07	26.77	ppb
Calcium	43-1	95260.77	94341.68	93269.51	94290.65	1.06	ppb
Calcium	44-1	93512.37	92871.90	91953.50	92779.26	0.84	ppb
Chromium	52-2	5.25	5.33	4.62	5.06	7.65	ppb
Cobalt	59-2	0.85	0.89	0.88	0.87	2.60	ppb
Copper	63-2	1.94	1.77	1.68	1.80	7.43	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				111		%
Holmium	165-2				99		%
Indium	115-1				108		%
Indium	115-2				95		%
Iron	56-2	382.74	361.85	350.24	364.94	4.51	ppb
Iron	57-2	389.69	332.23	338.23	353.38	8.94	ppb
Lead	206-1	0.21	0.19	0.19	0.20	6.91	ppb
Lead	207-1	0.17	0.19	0.17	0.17	7.64	ppb
Lead	208-1	0.18	0.18	0.17	0.18	2.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	26418.99	24893.75	24195.66	25169.47	4.52	ppb
Manganese	55-2	2177.37	2037.14	1989.39	2067.97	4.72	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-08	Instrumnet Name :	P8
Client Sample ID :	MBDYT4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:24:54	DataFile Name :	032SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.37	0.31	0.34	0.34	8.57	ppb
Molybdenum	95-1	0.45	0.50	0.49	0.48	5.94	ppb
Molybdenum	96-1	0.41	0.48	0.50	0.46	10.55	ppb
Molybdenum	97-1	0.48	0.52	0.41	0.47	11.95	ppb
Molybdenum	98-1	0.49	0.46	0.48	0.48	4.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.01	6.47	6.36	6.62	5.27	ppb
Phosphorus	31-2	-10.55	11.66	33.54	11.55	190.84	ppb
Potassium	39-2	1806.75	1663.52	1729.15	1733.14	4.14	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				91		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	1.19	2.71	0.28	1.39	88.37	ppb
Selenium	82-1	-0.98	-0.98	-0.08	-0.68		ppb
Silicon	28-1	14290.61	14223.98	14104.66	14206.41	0.66	ppb
Silver	109-1	0.94	0.92	0.97	0.94	2.67	ppb
Silver	107-1	0.96	0.98	0.95	0.96	1.66	ppb
Sodium	23-2	20361.62	18987.99	18507.15	19285.58	4.99	ppb
Strontium	86-1	202.90	199.03	198.70	200.21	1.17	ppb
Strontium	88-1	207.57	202.33	205.43	205.11	1.28	ppb
Sulfur	34-1	4828.36	4914.85	5006.49	4916.57	1.81	ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.00	0.02	0.01	98.51	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	37.04	ppb
Tin	118-1	0.18	0.19	0.14	0.17	14.15	ppb
Titanium	47-1	0.58	0.77	0.50	0.62	22.42	ppb
Uranium	238-1	0.43	0.42	0.42	0.42	0.50	ppb
Vanadium	51-2	2.30	2.13	1.80	2.08	12.19	ppb
Yttrium	89-1				107		%
Yttrium	89-2				93		%
Zinc	66-2	4.06	2.84	3.30	3.40	18.16	ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	36.70	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-08	Instrumnet Name :	P8
Client Sample ID :	MBDYT4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:24:54	DataFile Name :	032SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.06	0.04	0.05	30.02	ppb

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6803-09 Instrumnet Name : P8
 Client Sample ID : MBDYT6 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 16:28:00 DataFile Name : 033SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	335.08	312.00	320.41	322.50	3.62	ppb
Antimony	121-1	0.14	0.11	0.15	0.13	13.14	ppb
Arsenic	75-2	0.47	0.46	0.42	0.45	5.42	ppb
Barium	135-1	35.04	35.18	35.27	35.16	0.32	ppb
Barium	137-1	35.34	35.68	35.60	35.54	0.51	ppb
Beryllium	9-1	0.09	0.08	0.06	0.08	20.00	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	1834.52	1875.10	1932.83	1880.82	2.63	ppb
Boron	11-1	1807.81	1889.07	1919.95	1872.28	3.09	ppb
Cadmium	111-1	0.32	0.29	0.24	0.28	14.69	ppb
Cadmium	106-1	-1.23	-1.07	-2.28	-1.53		ppb
Cadmium	108-1	0.39	0.33	0.26	0.33	19.64	ppb
Calcium	43-1	115995.38	117804.19	115255.56	116351.71	1.13	ppb
Calcium	44-1	113685.93	116289.34	114146.84	114707.37	1.21	ppb
Chromium	52-2	2.18	2.04	1.97	2.06	5.30	ppb
Cobalt	59-2	1.72	1.76	1.64	1.71	3.56	ppb
Copper	63-2	5.98	6.04	5.97	6.00	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				111		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	56-2	615.36	606.55	605.45	609.12	0.89	ppb
Iron	57-2	648.52	620.61	625.84	631.66	2.35	ppb
Lead	206-1	0.93	0.87	0.92	0.91	3.32	ppb
Lead	207-1	0.81	0.80	0.85	0.82	3.38	ppb
Lead	208-1	0.87	0.86	0.88	0.87	1.12	ppb
Lithium	6-1				101		%
Magnesium	24-2	47508.66	47485.95	46612.43	47202.35	1.08	ppb
Manganese	55-2	6672.05	6624.23	6589.93	6628.73	0.62	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-09	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:28:00	DataFile Name :	033SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.40	1.45	1.48	1.44	2.96	ppb
Molybdenum	95-1	1.39	1.54	1.55	1.50	5.83	ppb
Molybdenum	96-1	1.33	1.54	1.46	1.45	7.31	ppb
Molybdenum	97-1	1.50	1.42	1.41	1.44	3.43	ppb
Molybdenum	98-1	1.44	1.50	1.45	1.46	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.80	3.82	3.62	3.75	3.02	ppb
Phosphorus	31-2	55.58	11.71	99.94	55.74	79.14	ppb
Potassium	39-2	1881.35	1938.07	1904.54	1907.98	1.49	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				93		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	3.45	0.28	1.06	1.60	103.12	ppb
Selenium	82-1	-0.62	-0.92	-0.49	-0.68		ppb
Silicon	28-1	16430.21	16827.24	16470.19	16575.88	1.32	ppb
Silver	109-1	1.07	1.05	1.05	1.06	1.32	ppb
Silver	107-1	0.93	0.99	1.01	0.98	4.34	ppb
Sodium	23-2	47781.48	47428.07	46705.32	47304.95	1.16	ppb
Strontium	86-1	209.32	211.43	208.98	209.91	0.63	ppb
Strontium	88-1	212.90	217.36	216.17	215.47	1.07	ppb
Sulfur	34-1	10171.96	11204.57	10562.57	10646.37	4.90	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.02	0.02	16.69	ppb
Thallium	205-1	0.00	0.02	0.01	0.01	78.52	ppb
Tin	118-1	0.19	0.14	0.14	0.16	18.92	ppb
Titanium	47-1	10.65	10.56	10.94	10.72	1.82	ppb
Uranium	238-1	1.53	1.57	1.53	1.54	1.44	ppb
Vanadium	51-2	6.53	6.87	6.64	6.68	2.60	ppb
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	4.97	5.07	5.17	5.07	2.01	ppb
Zirconium	90-1	0.27	0.30	0.25	0.27	8.88	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-09	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:28:00	DataFile Name :	033SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.31	0.35	0.28	0.32	10.89	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-10	Instrumnet Name :	P8
Client Sample ID :	MBDYT8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:31:05	DataFile Name :	034SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	133.17	117.39	117.15	122.57	7.49	ppb
Antimony	121-1	0.12	0.12	0.12	0.12	1.11	ppb
Arsenic	75-2	0.21	0.15	0.11	0.16	30.01	ppb
Barium	135-1	17.62	16.96	16.71	17.10	2.75	ppb
Barium	137-1	17.38	17.40	16.75	17.18	2.15	ppb
Beryllium	9-1	0.10	0.04	0.14	0.09	57.87	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	563.42	579.17	573.14	571.91	1.39	ppb
Boron	11-1	560.35	559.39	574.09	564.61	1.46	ppb
Cadmium	111-1	-0.09	-0.03	0.01	-0.04		ppb
Cadmium	106-1	-1.89	-1.47	-0.76	-1.38		ppb
Cadmium	108-1	0.06	0.03	0.16	0.08	85.40	ppb
Calcium	43-1	110850.03	110237.03	109261.77	110116.28	0.73	ppb
Calcium	44-1	109721.10	108642.70	107219.60	108527.80	1.16	ppb
Chromium	52-2	1.81	1.72	1.74	1.76	2.73	ppb
Cobalt	59-2	1.79	1.74	1.77	1.76	1.28	ppb
Copper	63-2	2.33	2.43	2.23	2.33	4.27	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				112		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				97		%
Iron	56-2	328.44	327.59	328.70	328.25	0.18	ppb
Iron	57-2	312.01	340.71	318.01	323.58	4.68	ppb
Lead	206-1	0.33	0.31	0.34	0.33	5.43	ppb
Lead	207-1	0.28	0.28	0.28	0.28	1.77	ppb
Lead	208-1	0.31	0.30	0.31	0.31	2.34	ppb
Lithium	6-1				101		%
Magnesium	24-2	40932.35	42016.95	41516.24	41488.51	1.31	ppb
Manganese	55-2	20.83	23.04	22.94	22.27	5.61	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-10	Instrumnet Name :	P8
Client Sample ID :	MBDYT8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:31:05	DataFile Name :	034SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.37	0.32	0.31	0.33	9.82	ppb
Molybdenum	95-1	0.31	0.31	0.33	0.32	4.59	ppb
Molybdenum	96-1	0.33	0.35	0.30	0.33	9.08	ppb
Molybdenum	97-1	0.38	0.33	0.35	0.35	7.46	ppb
Molybdenum	98-1	0.32	0.31	0.33	0.32	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.38	1.56	1.61	1.52	7.87	ppb
Phosphorus	31-2	10.85	11.55	55.64	26.02	98.63	ppb
Potassium	39-2	1484.95	1504.45	1505.30	1498.23	0.77	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				94		%
Selenium	77-2	-1.55	-1.55	3.32	0.08	3727.92	ppb
Selenium	78-2	1.83	0.29	1.07	1.06	72.67	ppb
Selenium	82-1	0.10	-0.12	-1.03	-0.35		ppb
Silicon	28-1	12713.64	12524.92	12419.32	12552.63	1.19	ppb
Silver	109-1	0.99	0.86	0.97	0.94	7.32	ppb
Silver	107-1	0.91	0.93	0.94	0.92	1.70	ppb
Sodium	23-2	42270.34	43090.18	43401.49	42920.67	1.36	ppb
Strontium	86-1	204.53	203.10	202.79	203.47	0.46	ppb
Strontium	88-1	209.64	207.57	208.28	208.50	0.50	ppb
Sulfur	34-1	17170.38	16868.64	16797.62	16945.55	1.17	ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.03	0.05	0.04	30.04	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	14.77	ppb
Tin	118-1	0.08	0.03	0.05	0.05	43.98	ppb
Titanium	47-1	5.51	5.72	5.61	5.61	1.87	ppb
Uranium	238-1	1.11	1.07	1.09	1.09	1.58	ppb
Vanadium	51-2	3.03	3.14	3.40	3.19	5.93	ppb
Yttrium	89-1				107		%
Yttrium	89-2				96		%
Zinc	66-2	4.48	4.55	4.04	4.36	6.23	ppb
Zirconium	90-1	0.08	0.09	0.09	0.09	9.29	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-10	Instrumnet Name :	P8
Client Sample ID :	MBDYT8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:31:05	DataFile Name :	034SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.10	0.09	0.10	11.07	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-11	Instrumnet Name :	P8
Client Sample ID :	MBDYT8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:34:12	DataFile Name :	035SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	162.30	155.62	147.58	155.16	4.75	ppb
Antimony	121-1	0.14	0.15	0.16	0.15	4.13	ppb
Arsenic	75-2	0.16	0.16	0.26	0.20	28.63	ppb
Barium	135-1	16.75	17.02	17.24	17.00	1.43	ppb
Barium	137-1	16.94	17.08	17.25	17.09	0.90	ppb
Beryllium	9-1	-0.01	0.02	0.04	0.02	182.57	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	545.05	561.57	564.19	556.94	1.86	ppb
Boron	11-1	541.95	547.92	553.34	547.74	1.04	ppb
Cadmium	111-1	-0.09	-0.10	-0.03	-0.07		ppb
Cadmium	106-1	-1.51	-1.87	-0.82	-1.40		ppb
Cadmium	108-1	0.05	0.09	0.02	0.06	58.95	ppb
Calcium	43-1	111377.45	109677.45	111657.97	110904.29	0.97	ppb
Calcium	44-1	108349.38	108037.40	110125.93	108837.57	1.04	ppb
Chromium	52-2	2.16	2.00	2.05	2.07	3.96	ppb
Cobalt	59-2	1.80	1.81	1.73	1.78	2.52	ppb
Copper	63-2	2.31	2.40	2.36	2.36	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	56-2	353.87	360.47	350.15	354.83	1.47	ppb
Iron	57-2	359.08	352.84	341.32	351.08	2.57	ppb
Lead	206-1	0.30	0.27	0.28	0.28	5.17	ppb
Lead	207-1	0.21	0.22	0.23	0.22	5.09	ppb
Lead	208-1	0.24	0.24	0.25	0.25	2.36	ppb
Lithium	6-1				104		%
Magnesium	24-2	41746.10	41664.19	41468.83	41626.37	0.34	ppb
Manganese	55-2	25.97	25.68	24.33	25.33	3.47	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-11	Instrumnet Name :	P8
Client Sample ID :	MBDYT8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:34:12	DataFile Name :	035SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.37	0.45	0.37	0.40	12.32	ppb
Molybdenum	95-1	0.34	0.34	0.32	0.33	2.85	ppb
Molybdenum	96-1	0.31	0.39	0.32	0.34	12.43	ppb
Molybdenum	97-1	0.38	0.27	0.34	0.33	16.89	ppb
Molybdenum	98-1	0.31	0.30	0.31	0.30	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.71	1.90	1.84	1.82	5.30	ppb
Phosphorus	31-2	52.73	31.84	73.89	52.82	39.80	ppb
Potassium	39-2	1516.23	1473.90	1494.79	1494.97	1.42	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	77-2	-1.55	7.93	12.73	6.37	114.03	ppb
Selenium	78-2	-0.50	1.79	3.34	1.54	125.38	ppb
Selenium	82-1	-0.68	-0.17	-0.29	-0.38		ppb
Silicon	28-1	12690.39	12633.64	12724.77	12682.93	0.36	ppb
Silver	109-1	0.95	0.97	0.92	0.95	2.68	ppb
Silver	107-1	0.99	0.96	0.92	0.95	3.56	ppb
Sodium	23-2	43347.95	42975.61	43117.38	43146.98	0.44	ppb
Strontium	86-1	204.16	208.74	205.59	206.16	1.14	ppb
Strontium	88-1	210.42	212.73	210.42	211.19	0.63	ppb
Sulfur	34-1	16716.88	16427.26	17229.83	16791.32	2.42	ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.00	0.01	0.01	86.68	ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.09	0.08	0.06	0.08	22.41	ppb
Titanium	47-1	6.46	6.06	6.10	6.21	3.59	ppb
Uranium	238-1	1.03	1.00	1.02	1.02	1.78	ppb
Vanadium	51-2	3.02	3.17	3.18	3.12	2.86	ppb
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	5.24	4.75	4.60	4.86	6.99	ppb
Zirconium	90-1	0.12	0.13	0.12	0.12	5.67	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-11	Instrumnet Name :	P8
Client Sample ID :	MBDYT8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:34:12	DataFile Name :	035SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.16	0.15	0.16	10.39	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-10LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYT8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-18 16:37:18	DataFile Name :	036SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.54	48.67	27.19	40.47	28.67	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	22.93	ppb
Arsenic	75-2	0.02	-0.02	0.04	0.01	279.38	ppb
Barium	135-1	3.24	3.30	3.56	3.37	5.00	ppb
Barium	137-1	3.49	3.44	3.47	3.47	0.65	ppb
Beryllium	9-1	0.04	0.04	0.01	0.03	49.99	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	150.47	156.41	155.76	154.22	2.11	ppb
Boron	11-1	154.40	156.59	152.93	154.64	1.19	ppb
Cadmium	111-1	-0.10	-0.17	-0.09	-0.12		ppb
Cadmium	106-1	-1.47	-2.41	-1.40	-1.76		ppb
Cadmium	108-1	0.03	0.03	0.03	0.03	1.38	ppb
Calcium	43-1	21251.73	21177.90	21260.78	21230.14	0.21	ppb
Calcium	44-1	21113.27	21177.89	21157.89	21149.68	0.16	ppb
Chromium	52-2	0.34	0.50	0.50	0.45	20.74	ppb
Cobalt	59-2	0.35	0.30	0.38	0.34	12.55	ppb
Copper	63-2	0.54	0.44	0.54	0.51	12.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	75.14	74.01	76.76	75.30	1.84	ppb
Iron	57-2	76.37	62.70	76.98	72.02	11.22	ppb
Lead	206-1	0.06	0.07	0.06	0.06	7.70	ppb
Lead	207-1	0.06	0.05	0.06	0.06	9.72	ppb
Lead	208-1	0.05	0.06	0.06	0.06	5.47	ppb
Lithium	6-1				95		%
Magnesium	24-2	8202.84	8033.06	8352.50	8196.13	1.95	ppb
Manganese	55-2	4.90	5.88	5.32	5.37	9.16	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-10LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYT8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-18 16:37:18	DataFile Name :	036SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.10	0.06	0.06	78.68	ppb
Molybdenum	95-1	0.05	0.09	0.06	0.06	33.47	ppb
Molybdenum	96-1	0.07	0.07	0.07	0.07	5.42	ppb
Molybdenum	97-1	0.06	0.10	0.09	0.08	26.48	ppb
Molybdenum	98-1	0.06	0.04	0.07	0.06	23.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.12	0.14	0.16	31.73	ppb
Phosphorus	31-2	57.33	-10.55	-10.55	12.08	324.46	ppb
Potassium	39-2	318.63	310.91	276.25	301.93	7.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				90		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	1.11	0.31	1.93	1.11	72.78	ppb
Selenium	82-1	-0.51	-0.77	0.00	-0.43		ppb
Silicon	28-1	2471.80	2488.89	2467.31	2476.00	0.46	ppb
Silver	109-1	0.09	0.09	0.10	0.10	6.31	ppb
Silver	107-1	0.07	0.06	0.08	0.07	13.68	ppb
Sodium	23-2	8228.97	8122.10	8406.82	8252.63	1.74	ppb
Strontium	86-1	39.74	39.54	38.86	39.38	1.18	ppb
Strontium	88-1	40.50	40.60	40.54	40.54	0.13	ppb
Sulfur	34-1	3024.08	2914.45	2932.53	2957.02	1.99	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.00	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.12	0.17	0.11	0.14	25.15	ppb
Titanium	47-1	1.50	1.53	1.47	1.50	1.77	ppb
Uranium	238-1	0.19	0.20	0.19	0.20	2.90	ppb
Vanadium	51-2	0.64	0.65	0.63	0.64	1.65	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	1.35	1.07	0.99	1.14	16.77	ppb
Zirconium	90-1	0.03	0.02	0.04	0.03	41.59	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-10LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYT8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-18 16:37:18	DataFile Name :	036SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.02	0.02	22.37	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:40:25	DataFile Name :	037SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2311.41	2291.15	2260.88	2287.81	1.11	ppb
Antimony	121-1	108.89	106.12	123.37	112.80	8.21	ppb
Arsenic	75-2	43.83	43.62	44.81	44.08	1.44	ppb
Barium	135-1	2208.80	2166.97	2503.78	2293.18	8.01	ppb
Barium	137-1	2208.74	2152.61	2481.89	2281.08	7.72	ppb
Beryllium	9-1	57.83	57.02	63.73	59.53	6.16	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Boron	10-1	519.21	511.51	571.45	534.06	6.11	ppb
Boron	11-1	498.91	491.55	573.80	521.42	8.73	ppb
Cadmium	111-1	54.02	53.28	60.62	55.97	7.22	ppb
Cadmium	106-1	45.71	44.16	51.83	47.23	8.58	ppb
Cadmium	108-1	49.60	46.74	54.04	50.12	7.34	ppb
Calcium	43-1	108741.93	106065.09	121515.16	112107.39	7.36	ppb
Calcium	44-1	106532.94	104457.92	118596.47	109862.44	6.95	ppb
Chromium	52-2	231.49	224.83	226.80	227.71	1.50	ppb
Cobalt	59-2	570.73	556.44	556.01	561.06	1.49	ppb
Copper	63-2	286.43	280.08	281.36	282.63	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				115		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	56-2	1438.19	1399.23	1404.75	1414.06	1.49	ppb
Iron	57-2	1420.37	1440.18	1449.36	1436.64	1.03	ppb
Lead	206-1	21.57	20.99	23.83	22.13	6.77	ppb
Lead	207-1	21.13	20.53	23.48	21.72	7.18	ppb
Lead	208-1	21.40	20.96	23.86	22.07	7.07	ppb
Lithium	6-1				104		%
Magnesium	24-2	41340.55	40207.25	40266.25	40604.68	1.57	ppb
Manganese	55-2	588.34	572.85	568.45	576.55	1.81	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:40:25	DataFile Name :	037SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.30	0.32	0.30	5.29	ppb
Molybdenum	95-1	0.30	0.33	0.35	0.33	8.87	ppb
Molybdenum	96-1	0.31	0.32	0.37	0.34	8.28	ppb
Molybdenum	97-1	0.29	0.31	0.42	0.34	20.89	ppb
Molybdenum	98-1	0.33	0.30	0.31	0.31	4.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	574.25	557.01	561.62	564.29	1.58	ppb
Phosphorus	31-2	10.79	10.33	31.47	17.53	68.86	ppb
Potassium	39-2	1460.35	1466.73	1417.71	1448.26	1.84	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	77-2	164.21	114.73	115.40	131.45	21.59	ppb
Selenium	78-2	115.67	98.79	119.79	111.42	9.99	ppb
Selenium	82-1	109.38	104.37	124.11	112.62	9.11	ppb
Silicon	28-1	12394.55	12024.83	13728.66	12716.01	7.05	ppb
Silver	109-1	48.50	47.24	55.01	50.25	8.30	ppb
Silver	107-1	47.91	47.50	55.58	50.33	9.04	ppb
Sodium	23-2	43147.01	41350.85	42179.90	42225.92	2.13	ppb
Strontium	86-1	201.54	195.02	225.82	207.46	7.82	ppb
Strontium	88-1	205.84	200.70	230.15	212.23	7.41	ppb
Sulfur	34-1	15864.80	15077.04	20233.74	17058.53	16.28	ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	53.98	53.00	60.08	55.69	6.89	ppb
Thallium	205-1	55.37	54.15	61.86	57.13	7.25	ppb
Tin	118-1	0.07	0.04	0.08	0.06	34.44	ppb
Titanium	47-1	5.12	4.02	4.29	4.48	12.81	ppb
Uranium	238-1	1.01	0.94	1.10	1.01	8.27	ppb
Vanadium	51-2	570.58	559.46	560.30	563.45	1.10	ppb
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	581.04	565.25	574.13	573.47	1.38	ppb
Zirconium	90-1	0.06	0.08	0.06	0.07	17.32	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:40:25	DataFile Name :	037SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.10	0.10	0.10	2.05	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-13	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:43:31	DataFile Name :	038SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1618.62	1664.16	1638.19	1640.32	1.39	ppb
Antimony	121-1	0.15	0.13	0.15	0.14	6.10	ppb
Arsenic	75-2	1.22	1.35	1.06	1.21	11.80	ppb
Barium	135-1	68.40	69.34	69.58	69.10	0.90	ppb
Barium	137-1	68.64	69.96	69.85	69.48	1.06	ppb
Beryllium	9-1	0.11	0.12	0.21	0.15	35.66	ppb
Bismuth	209-1				115		%
Bismuth	209-2				104		%
Boron	10-1	1035.04	1086.80	1091.42	1071.09	2.92	ppb
Boron	11-1	1056.29	1091.02	1095.77	1081.03	1.99	ppb
Cadmium	111-1	0.15	0.13	0.11	0.13	18.25	ppb
Cadmium	106-1	-1.16	-1.39	-1.48	-1.34		ppb
Cadmium	108-1	0.30	0.34	0.60	0.41	38.99	ppb
Calcium	43-1	146488.72	149035.20	147672.64	147732.19	0.86	ppb
Calcium	44-1	145027.21	148557.00	143811.18	145798.46	1.69	ppb
Chromium	52-2	8.07	8.35	8.08	8.17	1.93	ppb
Cobalt	59-2	5.50	5.50	5.36	5.45	1.56	ppb
Copper	63-2	10.87	11.03	10.77	10.89	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				117		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	56-2	3613.25	3601.78	3580.98	3598.67	0.45	ppb
Iron	57-2	3413.00	3423.04	3528.19	3454.75	1.85	ppb
Lead	206-1	2.15	2.04	2.11	2.10	2.53	ppb
Lead	207-1	1.94	1.94	1.86	1.92	2.52	ppb
Lead	208-1	2.04	2.05	2.02	2.03	0.76	ppb
Lithium	6-1				104		%
Magnesium	24-2	49304.42	49869.33	50132.80	49768.85	0.85	ppb
Manganese	55-2	3473.17	3488.91	3477.11	3479.73	0.24	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-13	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:43:31	DataFile Name :	038SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.18	4.07	4.19	4.15	1.56	ppb
Molybdenum	95-1	4.32	4.22	4.19	4.24	1.67	ppb
Molybdenum	96-1	4.25	4.09	4.31	4.22	2.76	ppb
Molybdenum	97-1	4.10	4.19	4.12	4.13	1.19	ppb
Molybdenum	98-1	4.25	4.33	4.16	4.25	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.19	10.60	10.24	10.34	2.13	ppb
Phosphorus	31-2	73.57	160.42	96.18	110.06	40.94	ppb
Potassium	39-2	2549.96	2597.72	2604.89	2584.19	1.16	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				97		%
Selenium	77-2	7.73	3.09	-1.55	3.09	150.04	ppb
Selenium	78-2	2.50	0.24	1.77	1.50	76.39	ppb
Selenium	82-1	-0.62	-0.10	-0.63	-0.45		ppb
Silicon	28-1	14910.30	15150.19	15013.24	15024.58	0.80	ppb
Silver	109-1	2.03	1.93	1.86	1.94	4.23	ppb
Silver	107-1	2.02	1.82	1.78	1.88	6.83	ppb
Sodium	23-2	56365.62	55949.22	56765.86	56360.23	0.72	ppb
Strontium	86-1	344.11	340.21	341.93	342.08	0.57	ppb
Strontium	88-1	347.39	346.45	347.15	346.99	0.14	ppb
Sulfur	34-1	24291.40	25527.98	24885.86	24901.75	2.48	ppb
Terbium	159-1				117		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.05	0.06	0.05	15.26	ppb
Thallium	205-1	0.04	0.03	0.05	0.04	19.36	ppb
Tin	118-1	0.08	0.07	0.11	0.09	22.46	ppb
Titanium	47-1	40.44	40.75	39.58	40.26	1.51	ppb
Uranium	238-1	1.83	1.82	1.89	1.85	1.98	ppb
Vanadium	51-2	8.77	8.46	8.66	8.63	1.81	ppb
Yttrium	89-1				112		%
Yttrium	89-2				100		%
Zinc	66-2	11.21	11.76	11.43	11.47	2.42	ppb
Zirconium	90-1	0.80	0.79	0.73	0.77	4.60	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-13	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:43:31	DataFile Name :	038SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.79	0.71	0.75	0.75	5.14	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:46:37	DataFile Name :	039SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	414.89	387.09	374.39	392.12	5.28	ppb
Antimony	121-1	0.13	0.13	0.14	0.13	3.12	ppb
Arsenic	75-2	0.23	0.40	0.52	0.38	36.99	ppb
Barium	135-1	27.68	28.00	27.35	27.68	1.18	ppb
Barium	137-1	27.72	27.21	27.47	27.47	0.93	ppb
Beryllium	9-1	0.10	0.08	0.11	0.10	12.13	ppb
Bismuth	209-1				119		%
Bismuth	209-2				107		%
Boron	10-1	115.95	120.25	118.11	118.10	1.82	ppb
Boron	11-1	122.21	117.83	114.17	118.07	3.41	ppb
Cadmium	111-1	-0.02	-0.11	-0.11	-0.08		ppb
Cadmium	106-1	-1.45	-2.38	-2.14	-1.99		ppb
Cadmium	108-1	0.08	0.05	0.05	0.06	28.18	ppb
Calcium	43-1	64066.16	62680.40	63047.61	63264.72	1.13	ppb
Calcium	44-1	63617.15	62507.45	62865.08	62996.56	0.90	ppb
Chromium	52-2	12.42	12.02	11.87	12.10	2.38	ppb
Cobalt	59-2	0.93	0.88	0.88	0.90	3.12	ppb
Copper	63-2	3.94	3.97	4.21	4.04	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				119		%
Holmium	165-2				108		%
Indium	115-1				115		%
Indium	115-2				102		%
Iron	56-2	794.62	801.57	797.03	797.74	0.44	ppb
Iron	57-2	798.08	803.73	781.40	794.40	1.46	ppb
Lead	206-1	1.90	1.91	1.99	1.93	2.54	ppb
Lead	207-1	1.77	1.81	1.83	1.80	1.71	ppb
Lead	208-1	1.87	1.92	1.90	1.90	1.17	ppb
Lithium	6-1				106		%
Magnesium	24-2	16735.79	16915.71	16643.25	16764.91	0.83	ppb
Manganese	55-2	275.58	276.03	273.79	275.13	0.43	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:46:37	DataFile Name :	039SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.78	0.85	1.16	0.93	21.72	ppb
Molybdenum	95-1	0.82	0.87	0.83	0.84	3.43	ppb
Molybdenum	96-1	0.82	0.88	0.84	0.85	3.84	ppb
Molybdenum	97-1	0.73	0.75	0.74	0.74	1.17	ppb
Molybdenum	98-1	0.81	0.81	0.77	0.80	3.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.65	9.17	9.54	9.45	2.61	ppb
Phosphorus	31-2	10.74	74.76	32.04	39.18	83.21	ppb
Potassium	39-2	1468.47	1439.41	1491.98	1466.62	1.80	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				96		%
Selenium	77-2	12.34	3.07	3.11	6.17	86.49	ppb
Selenium	78-2	4.73	2.49	-0.50	2.24	117.41	ppb
Selenium	82-1	-1.33	-1.10	-0.83	-1.09		ppb
Silicon	28-1	8064.34	7938.00	7940.37	7980.90	0.91	ppb
Silver	109-1	1.47	1.47	1.33	1.42	5.86	ppb
Silver	107-1	1.43	1.42	1.39	1.41	1.52	ppb
Sodium	23-2	19800.08	19590.65	19767.49	19719.40	0.57	ppb
Strontium	86-1	175.94	177.38	174.28	175.87	0.88	ppb
Strontium	88-1	180.36	182.09	180.34	180.93	0.56	ppb
Sulfur	34-1	1519.37	1107.39	1804.00	1476.92	23.71	ppb
Terbium	159-1				119		%
Terbium	159-2				108		%
Thallium	203-1	0.00	0.01	0.00	0.00	342.81	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	304.93	ppb
Tin	118-1	0.06	0.06	0.05	0.06	15.26	ppb
Titanium	47-1	17.39	16.83	17.09	17.10	1.63	ppb
Uranium	238-1	0.26	0.28	0.27	0.27	3.83	ppb
Vanadium	51-2	2.16	2.35	2.20	2.24	4.50	ppb
Yttrium	89-1				113		%
Yttrium	89-2				101		%
Zinc	66-2	24.52	24.79	23.96	24.42	1.75	ppb
Zirconium	90-1	0.21	0.24	0.20	0.22	10.60	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:46:37	DataFile Name :	039SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.20	0.28	0.23	21.19	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-15	Instrumnet Name :	P8
Client Sample ID :	MBDYW3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:49:44	DataFile Name :	040SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.47	49.21	57.50	54.06	7.99	ppb
Antimony	121-1	2.06	2.10	2.06	2.07	1.01	ppb
Arsenic	75-2	0.61	0.35	0.53	0.50	26.75	ppb
Barium	135-1	42.40	41.77	41.81	41.99	0.84	ppb
Barium	137-1	42.84	41.65	42.80	42.43	1.59	ppb
Beryllium	9-1	0.02	0.03	0.06	0.04	63.31	ppb
Bismuth	209-1				114		%
Bismuth	209-2				95		%
Boron	10-1	162.30	158.50	172.80	164.53	4.50	ppb
Boron	11-1	162.21	164.44	169.38	165.34	2.22	ppb
Cadmium	111-1	-0.06	-0.12	-0.05	-0.08		ppb
Cadmium	106-1	-1.61	-2.43	-1.56	-1.86		ppb
Cadmium	108-1	0.37	0.18	0.15	0.24	49.98	ppb
Calcium	43-1	69500.55	68044.25	69075.48	68873.42	1.09	ppb
Calcium	44-1	68139.63	68558.80	68766.53	68488.32	0.47	ppb
Chromium	52-2	7.28	6.79	6.47	6.85	5.99	ppb
Cobalt	59-2	0.64	0.58	0.57	0.60	5.75	ppb
Copper	63-2	6.87	6.67	6.17	6.57	5.47	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				97		%
Indium	115-1				111		%
Indium	115-2				91		%
Iron	56-2	246.67	225.79	215.87	229.44	6.85	ppb
Iron	57-2	252.83	225.42	210.75	229.67	9.30	ppb
Lead	206-1	0.37	0.38	0.41	0.39	4.93	ppb
Lead	207-1	0.41	0.38	0.38	0.39	4.50	ppb
Lead	208-1	0.39	0.38	0.39	0.38	2.05	ppb
Lithium	6-1				102		%
Magnesium	24-2	10840.74	10065.02	9706.00	10203.92	5.68	ppb
Manganese	55-2	1164.00	1077.80	1048.84	1096.88	5.46	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-15	Instrumnet Name :	P8
Client Sample ID :	MBDYW3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:49:44	DataFile Name :	040SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.94	1.97	1.87	1.93	2.71	ppb
Molybdenum	95-1	2.61	2.51	2.59	2.57	1.97	ppb
Molybdenum	96-1	2.55	2.60	2.54	2.56	1.32	ppb
Molybdenum	97-1	2.60	2.69	2.51	2.60	3.44	ppb
Molybdenum	98-1	2.63	2.59	2.46	2.56	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.34	7.79	6.97	7.70	8.97	ppb
Phosphorus	31-2	-10.55	83.94	34.14	35.84	131.86	ppb
Potassium	39-2	2609.11	2389.92	2246.02	2415.02	7.57	ppb
Rhodium	103-1				106		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				88		%
Selenium	77-2	-1.55	3.64	-1.55	0.18	1643.00	ppb
Selenium	78-2	-0.50	3.69	1.09	1.43	148.42	ppb
Selenium	82-1	-0.82	-1.94	-1.49	-1.42		ppb
Silicon	28-1	6532.14	6529.90	6550.41	6537.48	0.17	ppb
Silver	109-1	1.35	1.27	1.29	1.30	3.19	ppb
Silver	107-1	1.30	1.25	1.27	1.28	1.66	ppb
Sodium	23-2	229329.23	211510.95	204012.26	214950.81	6.05	ppb
Strontium	86-1	201.00	201.28	199.49	200.59	0.48	ppb
Strontium	88-1	205.95	202.67	204.06	204.23	0.81	ppb
Sulfur	34-1	6118.04	5993.54	6628.98	6246.85	5.39	ppb
Terbium	159-1				115		%
Terbium	159-2				96		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.03	0.03	0.08	0.05	68.38	ppb
Titanium	47-1	1.18	1.38	1.12	1.23	11.01	ppb
Uranium	238-1	3.20	3.10	3.17	3.16	1.62	ppb
Vanadium	51-2	1.15	0.90	0.93	1.00	13.62	ppb
Yttrium	89-1				110		%
Yttrium	89-2				90		%
Zinc	66-2	54.11	47.24	48.16	49.84	7.49	ppb
Zirconium	90-1	0.10	0.09	0.09	0.10	6.66	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-15	Instrumnet Name :	P8
Client Sample ID :	MBDYW3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:49:44	DataFile Name :	040SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.12	0.08	0.10	20.83	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-16	Instrumnet Name :	P8
Client Sample ID :	MBDYZ0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:52:50	DataFile Name :	041SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.24	1.08	11.99	6.77	80.77	ppb
Antimony	121-1	0.10	0.10	0.09	0.10	5.32	ppb
Arsenic	75-2	0.07	0.17	0.09	0.11	45.33	ppb
Barium	135-1	23.66	23.53	24.02	23.74	1.07	ppb
Barium	137-1	23.61	24.00	23.58	23.73	0.99	ppb
Beryllium	9-1	-0.01	0.04	0.03	0.02	152.30	ppb
Bismuth	209-1				115		%
Bismuth	209-2				104		%
Boron	10-1	420.53	436.91	435.01	430.82	2.08	ppb
Boron	11-1	411.90	422.95	434.27	423.04	2.64	ppb
Cadmium	111-1	-0.11	0.04	-0.04	-0.04		ppb
Cadmium	106-1	-2.73	-0.52	-1.70	-1.65		ppb
Cadmium	108-1	0.05	0.06	-0.04	0.02	250.17	ppb
Calcium	43-1	88706.14	87466.04	88548.95	88240.38	0.77	ppb
Calcium	44-1	87340.42	86865.95	86794.06	87000.14	0.34	ppb
Chromium	52-2	3.08	3.15	3.09	3.11	1.18	ppb
Cobalt	59-2	0.64	0.66	0.65	0.65	1.42	ppb
Copper	63-2	1.66	1.64	1.52	1.60	4.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				98		%
Iron	56-2	309.25	310.60	307.72	309.19	0.47	ppb
Iron	57-2	310.57	301.31	316.90	309.59	2.53	ppb
Lead	206-1	0.06	0.06	0.04	0.05	17.13	ppb
Lead	207-1	0.05	0.04	0.05	0.04	12.20	ppb
Lead	208-1	0.05	0.05	0.05	0.05	8.15	ppb
Lithium	6-1				103		%
Magnesium	24-2	21846.02	22616.41	22106.74	22189.72	1.77	ppb
Manganese	55-2	1867.65	1885.67	1860.81	1871.38	0.69	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-16	Instrumnet Name :	P8
Client Sample ID :	MBDY20	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:52:50	DataFile Name :	041SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.31	0.23	0.36	0.30	22.57	ppb
Molybdenum	95-1	0.48	0.41	0.49	0.46	9.00	ppb
Molybdenum	96-1	0.43	0.35	0.41	0.40	10.41	ppb
Molybdenum	97-1	0.38	0.39	0.33	0.37	9.11	ppb
Molybdenum	98-1	0.37	0.44	0.78	0.53	40.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.18	3.29	3.00	3.16	4.58	ppb
Phosphorus	31-2	77.56	11.90	-10.55	26.30	174.07	ppb
Potassium	39-2	1503.84	1505.84	1527.14	1512.27	0.85	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				92		%
Selenium	77-2	3.33	-1.55	-1.55	0.08	3538.48	ppb
Selenium	78-2	0.28	1.86	1.87	1.34	68.26	ppb
Selenium	82-1	-1.18	-0.46	-0.91	-0.85		ppb
Silicon	28-1	12824.55	12807.34	13036.36	12889.42	0.99	ppb
Silver	109-1	0.95	0.86	0.92	0.91	4.96	ppb
Silver	107-1	0.94	0.89	0.92	0.92	3.19	ppb
Sodium	23-2	16537.39	16698.92	16460.93	16565.75	0.73	ppb
Strontium	86-1	189.22	186.15	189.16	188.17	0.93	ppb
Strontium	88-1	192.87	191.07	194.48	192.81	0.88	ppb
Sulfur	34-1	3264.12	3413.75	3838.10	3505.32	8.49	ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.00	0.00	0.00	282.29	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	1801.07	ppb
Tin	118-1	0.03	0.03	0.03	0.03	3.40	ppb
Titanium	47-1	0.52	0.63	0.58	0.58	9.16	ppb
Uranium	238-1	0.41	0.39	0.41	0.40	2.85	ppb
Vanadium	51-2	1.64	1.91	1.76	1.77	7.60	ppb
Yttrium	89-1				109		%
Yttrium	89-2				96		%
Zinc	66-2	2.73	3.28	3.31	3.11	10.53	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	13.48	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-16	Instrumnet Name :	P8
Client Sample ID :	MBDYZ0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:52:50	DataFile Name :	041SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.06	0.05	0.04	44.87	ppb

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6803-17 Instrumnet Name : P8
 Client Sample ID : MBDYZ6 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 16:55:57 DataFile Name : 042SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.49	2.70	5.92	2.71	118.33	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	71.94	ppb
Arsenic	75-2	0.02	-0.04	-0.04	-0.02		ppb
Barium	135-1	0.16	0.19	0.19	0.18	10.75	ppb
Barium	137-1	0.16	0.14	0.15	0.15	4.44	ppb
Beryllium	9-1	-0.01	-0.02	0.05	0.01	417.32	ppb
Bismuth	209-1				110		%
Bismuth	209-2				101		%
Boron	10-1	39.39	37.34	34.83	37.19	6.14	ppb
Boron	11-1	39.24	36.96	34.28	36.82	6.74	ppb
Cadmium	111-1	-0.06	-0.02	-0.10	-0.06		ppb
Cadmium	106-1	-0.78	-0.40	-1.36	-0.85		ppb
Cadmium	108-1	0.03	-0.04	0.00	-0.01		ppb
Calcium	43-1	-10.89	-27.97	-18.59	-19.15		ppb
Calcium	44-1	7.22	4.91	7.80	6.64	22.98	ppb
Chromium	52-2	0.01	-0.01	0.16	0.06	168.62	ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.09	0.08	0.15	0.10	35.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	1.24	1.46	1.39	1.36	8.40	ppb
Iron	57-2	1.63	-0.62	2.25	1.09	138.64	ppb
Lead	206-1	0.02	0.01	0.03	0.02	31.16	ppb
Lead	207-1	0.00	0.01	0.02	0.01	72.13	ppb
Lead	208-1	0.01	0.02	0.02	0.02	31.72	ppb
Lithium	6-1				97		%
Magnesium	24-2	-16.57	-15.59	-12.21	-14.79		ppb
Manganese	55-2	0.24	0.12	0.01	0.12	95.98	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-17	Instrumnet Name :	P8
Client Sample ID :	MBDYZ6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:55:57	DataFile Name :	042SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.03	-0.04	-0.03		ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	204.13	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.00	175.59	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.01	105.11	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	0.01	-0.21	-0.09		ppb
Phosphorus	31-2	-10.55	34.88	-10.55	4.60	570.69	ppb
Potassium	39-2	-9.01	-29.93	-13.09	-17.34		ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	1.09	1.89	1.10	1.36	33.79	ppb
Selenium	82-1	-0.15	-0.74	-1.11	-0.67		ppb
Silicon	28-1	-47.95	-48.14	-46.73	-47.61		ppb
Silver	109-1	0.02	0.01	0.02	0.02	10.09	ppb
Silver	107-1	0.01	0.02	0.02	0.02	43.69	ppb
Sodium	23-2	-17.20	11.85	13.95	2.87	606.66	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	3020.22	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	1.59	ppb
Sulfur	34-1	-2490.00	-2467.66	-2035.67	-2331.11		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.02	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.09	-0.09	-0.11	-0.09		ppb
Titanium	47-1	-0.03	-0.05	0.06	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.04	0.02	104.01	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	0.25	0.29	0.44	0.33	29.18	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-17	Instrumnet Name :	P8
Client Sample ID :	MBDYZ6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:55:57	DataFile Name :	042SMPL_P8121817MS.

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

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-18	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:59:04	DataFile Name :	043SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	202.94	226.58	309.29	246.27	22.67	ppb
Antimony	121-1	0.14	0.13	0.13	0.13	4.09	ppb
Arsenic	75-2	0.62	1.13	0.70	0.82	33.59	ppb
Barium	135-1	49.24	48.86	47.23	48.44	2.20	ppb
Barium	137-1	49.66	49.57	49.06	49.43	0.65	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	72.54	ppb
Bismuth	209-1				114		%
Bismuth	209-2				95		%
Boron	10-1	1551.51	1615.44	1643.30	1603.41	2.94	ppb
Boron	11-1	1581.71	1613.34	1632.46	1609.17	1.59	ppb
Cadmium	111-1	0.18	0.20	0.14	0.17	17.90	ppb
Cadmium	106-1	-0.43	-0.59	-1.52	-0.85		ppb
Cadmium	108-1	0.32	0.52	0.25	0.36	38.82	ppb
Calcium	43-1	132196.62	132952.53	131473.69	132207.61	0.56	ppb
Calcium	44-1	129126.69	130699.65	128280.71	129369.02	0.95	ppb
Chromium	52-2	4.21	4.32	4.94	4.49	8.68	ppb
Cobalt	59-2	2.18	2.34	2.82	2.45	13.61	ppb
Copper	63-2	5.73	5.64	6.93	6.10	11.78	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				115		%
Holmium	165-2				99		%
Indium	115-1				109		%
Indium	115-2				91		%
Iron	56-2	1123.73	1119.19	1343.34	1195.42	10.72	ppb
Iron	57-2	1138.46	1127.99	1336.61	1201.02	9.79	ppb
Lead	206-1	1.61	1.70	1.68	1.66	2.95	ppb
Lead	207-1	1.55	1.50	1.46	1.50	2.93	ppb
Lead	208-1	1.58	1.58	1.59	1.58	0.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	50420.57	49847.92	59458.95	53242.48	10.13	ppb
Manganese	55-2	8257.46	8320.52	9931.87	8836.62	10.74	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-18	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:59:04	DataFile Name :	043SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.18	2.11	2.18	2.16	1.79	ppb
Molybdenum	95-1	2.93	3.09	3.02	3.01	2.75	ppb
Molybdenum	96-1	2.65	2.89	2.79	2.78	4.40	ppb
Molybdenum	97-1	2.72	2.61	2.62	2.65	2.20	ppb
Molybdenum	98-1	2.77	2.76	2.74	2.75	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.79	8.23	9.37	8.46	9.68	ppb
Phosphorus	31-2	57.41	12.24	70.72	46.79	65.51	ppb
Potassium	39-2	1765.98	1775.79	2166.84	1902.87	12.02	ppb
Rhodium	103-1				104		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				86		%
Selenium	77-2	-1.55	3.42	4.41	2.09	152.38	ppb
Selenium	78-2	0.28	1.10	-0.50	0.29	274.32	ppb
Selenium	82-1	-0.47	0.32	-0.42	-0.19		ppb
Silicon	28-1	16104.79	16210.70	16020.73	16112.07	0.59	ppb
Silver	109-1	1.05	1.01	1.00	1.02	2.21	ppb
Silver	107-1	1.05	1.00	1.04	1.03	2.76	ppb
Sodium	23-2	62749.54	62281.35	75608.51	66879.80	11.31	ppb
Strontium	86-1	286.47	288.05	284.38	286.30	0.64	ppb
Strontium	88-1	290.81	295.67	290.24	292.24	1.02	ppb
Sulfur	34-1	6864.37	7036.55	6652.11	6851.01	2.81	ppb
Terbium	159-1				114		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.00	0.01	0.00	81.10	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.09	0.09	0.11	0.10	9.59	ppb
Titanium	47-1	9.88	10.58	10.00	10.15	3.66	ppb
Uranium	238-1	2.23	2.25	2.19	2.22	1.37	ppb
Vanadium	51-2	2.41	2.40	3.28	2.70	18.62	ppb
Yttrium	89-1				108		%
Yttrium	89-2				89		%
Zinc	66-2	7.74	8.47	9.28	8.49	9.04	ppb
Zirconium	90-1	0.23	0.22	0.19	0.21	10.11	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-18	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:59:04	DataFile Name :	043SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.27	0.21	0.21	25.38	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:02:11	DataFile Name :	044SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.74	22.92	6.25	15.63	54.58	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	13.70	ppb
Arsenic	75-2	-0.06	-0.02	-0.02	-0.03		ppb
Barium	135-1	0.76	0.85	0.77	0.79	5.62	ppb
Barium	137-1	0.81	0.76	0.83	0.80	5.06	ppb
Beryllium	9-1	-0.03	0.01	0.03	0.00	798.79	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	105.89	101.04	94.77	100.57	5.54	ppb
Boron	11-1	104.53	100.40	92.66	99.20	6.07	ppb
Cadmium	111-1	-0.16	-0.16	-0.22	-0.18		ppb
Cadmium	106-1	-2.30	-2.34	-2.97	-2.54		ppb
Cadmium	108-1	-0.04	0.00	-0.04	-0.03		ppb
Calcium	43-1	4344.92	4244.75	4384.76	4324.81	1.67	ppb
Calcium	44-1	4369.46	4372.24	4342.32	4361.34	0.38	ppb
Chromium	52-2	0.27	0.22	0.13	0.21	33.60	ppb
Cobalt	59-2	0.15	0.11	0.15	0.13	17.34	ppb
Copper	63-2	0.22	0.25	0.14	0.21	26.88	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				98		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	16.31	18.05	18.30	17.55	6.15	ppb
Iron	57-2	22.02	13.35	23.44	19.60	27.86	ppb
Lead	206-1	0.01	0.02	0.02	0.02	24.42	ppb
Lead	207-1	0.02	0.02	0.01	0.02	49.53	ppb
Lead	208-1	0.01	0.02	0.02	0.02	21.21	ppb
Lithium	6-1				92		%
Magnesium	24-2	1754.48	1847.88	1826.09	1809.48	2.70	ppb
Manganese	55-2	153.77	155.92	157.45	155.71	1.18	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:02:11	DataFile Name :	044SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.00	0.01	110.53	ppb
Molybdenum	95-1	0.07	0.06	0.09	0.07	20.37	ppb
Molybdenum	96-1	0.07	0.08	0.04	0.06	26.96	ppb
Molybdenum	97-1	0.04	0.07	0.09	0.07	33.97	ppb
Molybdenum	98-1	0.05	0.06	0.07	0.06	15.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.07	0.10	0.02	505.11	ppb
Phosphorus	31-2	13.06	13.28	-10.55	5.26	260.10	ppb
Potassium	39-2	57.96	76.67	43.13	59.25	28.37	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	1.17	0.33	3.70	1.73	101.18	ppb
Selenium	82-1	-0.82	-0.36	-0.44	-0.54		ppb
Silicon	28-1	681.82	683.00	678.97	681.26	0.30	ppb
Silver	109-1	-0.01	-0.01	0.00	0.00		ppb
Silver	107-1	-0.01	0.00	0.00	-0.01		ppb
Sodium	23-2	1033.83	1065.02	1083.38	1060.74	2.36	ppb
Strontium	86-1	6.71	6.76	6.55	6.67	1.62	ppb
Strontium	88-1	6.77	6.72	6.65	6.71	0.94	ppb
Sulfur	34-1	-250.05	-647.15	-653.55	-516.91		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.13	0.14	0.14	0.14	4.10	ppb
Titanium	47-1	0.47	0.36	0.48	0.43	15.08	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	7.03	ppb
Vanadium	51-2	0.22	0.22	0.25	0.23	8.25	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	1.42	1.55	1.12	1.36	16.32	ppb
Zirconium	90-1	-0.01	0.01	-0.01	0.00		ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:02:11	DataFile Name :	044SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.00	0.00	266.75	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:05:18	DataFile Name :	045SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.74	17.87	20.55	18.72	8.46	ppb
Antimony	121-1	0.01	0.01	0.02	0.02	41.87	ppb
Arsenic	75-2	-0.02	0.02	-0.04	-0.01		ppb
Barium	135-1	1.78	1.77	1.78	1.78	0.25	ppb
Barium	137-1	1.80	1.69	1.90	1.79	5.95	ppb
Beryllium	9-1	0.03	0.01	0.06	0.03	80.80	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	133.72	136.29	139.59	136.53	2.15	ppb
Boron	11-1	136.60	137.31	138.21	137.37	0.59	ppb
Cadmium	111-1	-0.01	-0.09	-0.13	-0.07		ppb
Cadmium	106-1	-0.22	-1.42	-1.95	-1.20		ppb
Cadmium	108-1	0.03	0.00	0.14	0.05	133.74	ppb
Calcium	43-1	5651.41	5611.51	5419.04	5560.65	2.23	ppb
Calcium	44-1	5818.78	5818.00	5777.23	5804.67	0.41	ppb
Chromium	52-2	0.13	0.13	0.10	0.12	12.71	ppb
Cobalt	59-2	0.08	0.09	0.06	0.08	18.50	ppb
Copper	63-2	0.40	0.40	0.39	0.40	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	33.76	32.94	36.29	34.33	5.08	ppb
Iron	57-2	31.84	32.57	33.33	32.58	2.29	ppb
Lead	206-1	0.09	0.07	0.07	0.08	12.49	ppb
Lead	207-1	0.07	0.07	0.06	0.07	8.12	ppb
Lead	208-1	0.07	0.07	0.07	0.07	3.29	ppb
Lithium	6-1				93		%
Magnesium	24-2	2238.95	2340.98	2514.41	2364.78	5.89	ppb
Manganese	55-2	324.48	326.56	342.34	331.12	2.95	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:05:18	DataFile Name :	045SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.06	0.07	0.07	9.13	ppb
Molybdenum	95-1	0.08	0.09	0.10	0.09	11.51	ppb
Molybdenum	96-1	0.07	0.06	0.06	0.06	8.69	ppb
Molybdenum	97-1	0.05	0.03	0.08	0.05	47.52	ppb
Molybdenum	98-1	0.06	0.08	0.09	0.07	20.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.27	0.11	0.15	72.72	ppb
Phosphorus	31-2	-10.55	-10.55	-10.55	-10.55		ppb
Potassium	39-2	80.74	102.56	100.66	94.66	12.77	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				85		%
Selenium	77-2	-1.55	3.52	-1.55	0.14	2035.32	ppb
Selenium	78-2	2.00	0.32	1.27	1.19	70.56	ppb
Selenium	82-1	-0.21	-0.51	-0.65	-0.45		ppb
Silicon	28-1	839.15	794.46	778.50	804.04	3.91	ppb
Silver	109-1	0.00	0.00	-0.01	0.00		ppb
Silver	107-1	-0.02	-0.01	-0.02	-0.02		ppb
Sodium	23-2	2243.83	2278.58	2404.71	2309.04	3.67	ppb
Strontium	86-1	10.54	10.52	10.47	10.51	0.34	ppb
Strontium	88-1	10.53	10.48	10.26	10.42	1.40	ppb
Sulfur	34-1	-187.16	-158.20	-343.09	-229.48		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.14	0.19	0.12	0.15	23.63	ppb
Titanium	47-1	0.57	0.53	0.52	0.54	5.50	ppb
Uranium	238-1	0.06	0.07	0.06	0.07	9.77	ppb
Vanadium	51-2	0.37	0.33	0.39	0.37	9.13	ppb
Yttrium	89-1				100		%
Yttrium	89-2				89		%
Zinc	66-2	1.36	1.16	0.86	1.13	22.51	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	65.66	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:05:18	DataFile Name :	045SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.03	0.02	0.03	45.87	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:08:25	DataFile Name :	046SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71.11	115.31	73.77	86.73	28.58	ppb
Antimony	121-1	0.01	0.03	0.02	0.02	53.14	ppb
Arsenic	75-2	0.02	0.16	0.04	0.07	104.31	ppb
Barium	135-1	3.10	3.55	3.46	3.37	7.15	ppb
Barium	137-1	3.31	3.31	3.79	3.47	8.01	ppb
Beryllium	9-1	-0.01	0.03	0.01	0.01	223.12	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	87.15	86.63	90.32	88.03	2.27	ppb
Boron	11-1	87.32	85.47	86.18	86.32	1.08	ppb
Cadmium	111-1	-0.02	-0.11	-0.11	-0.08		ppb
Cadmium	106-1	-0.43	-1.58	-1.53	-1.18		ppb
Cadmium	108-1	0.03	0.00	-0.07	-0.02		ppb
Calcium	43-1	7048.02	7167.13	7205.66	7140.27	1.15	ppb
Calcium	44-1	7216.08	7319.61	7458.86	7331.51	1.66	ppb
Chromium	52-2	0.41	0.42	0.45	0.43	4.33	ppb
Cobalt	59-2	0.21	0.27	0.29	0.26	14.45	ppb
Copper	63-2	0.60	0.60	0.57	0.59	3.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	177.60	183.35	186.15	182.37	2.39	ppb
Iron	57-2	173.22	171.78	205.21	183.40	10.31	ppb
Lead	206-1	0.14	0.14	0.14	0.14	0.94	ppb
Lead	207-1	0.13	0.11	0.10	0.11	14.26	ppb
Lead	208-1	0.13	0.12	0.13	0.13	5.04	ppb
Lithium	6-1				94		%
Magnesium	24-2	2280.07	2398.15	2412.56	2363.60	3.08	ppb
Manganese	55-2	170.51	177.72	175.80	174.67	2.14	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:08:25	DataFile Name :	046SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.20	0.18	0.18	13.33	ppb
Molybdenum	95-1	0.22	0.27	0.18	0.22	20.57	ppb
Molybdenum	96-1	0.21	0.19	0.22	0.21	7.81	ppb
Molybdenum	97-1	0.23	0.20	0.23	0.22	6.78	ppb
Molybdenum	98-1	0.21	0.21	0.19	0.20	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.47	0.50	0.49	4.47	ppb
Phosphorus	31-2	35.86	13.37	-10.55	12.89	180.00	ppb
Potassium	39-2	127.88	112.45	124.23	121.52	6.64	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				87		%
Selenium	77-2	3.56	-1.55	-1.55	0.16	1893.90	ppb
Selenium	78-2	0.32	-0.50	0.33	0.05	979.16	ppb
Selenium	82-1	-0.18	-0.13	0.29	-0.01		ppb
Silicon	28-1	725.92	725.39	719.90	723.74	0.46	ppb
Silver	109-1	-0.02	0.01	0.00	0.00		ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	2650.08	2706.19	2727.23	2694.50	1.48	ppb
Strontium	86-1	16.65	17.01	16.20	16.62	2.43	ppb
Strontium	88-1	17.22	16.90	16.96	17.03	0.99	ppb
Sulfur	34-1	769.32	716.05	635.70	707.03	9.51	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.00	-0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.12	0.12	0.15	0.13	14.90	ppb
Titanium	47-1	1.86	2.09	1.85	1.93	7.03	ppb
Uranium	238-1	0.09	0.08	0.09	0.08	2.12	ppb
Vanadium	51-2	0.41	0.47	0.43	0.44	7.09	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	1.27	1.05	0.94	1.09	15.69	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	9.41	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:08:25	DataFile Name :	046SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.10	0.03	0.06	60.90	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-18 17:11:32	DataFile Name :	047SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	274.66	272.72	265.28	270.88	1.83	ppb
Antimony	121-1	0.05	0.06	0.08	0.06	21.70	ppb
Arsenic	75-2	0.29	0.02	0.18	0.16	82.56	ppb
Barium	135-1	13.74	14.03	15.23	14.33	5.51	ppb
Barium	137-1	14.18	14.21	15.52	14.64	5.19	ppb
Beryllium	9-1	0.02	-0.01	-0.03	-0.01		ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	57.12	61.31	66.07	61.50	7.29	ppb
Boron	11-1	56.48	60.88	66.38	61.24	8.10	ppb
Cadmium	111-1	-0.08	0.01	-0.21	-0.10		ppb
Cadmium	106-1	-1.39	-0.11	-3.04	-1.51		ppb
Cadmium	108-1	0.13	0.02	0.12	0.09	63.04	ppb
Calcium	43-1	32024.23	32246.16	34331.81	32867.40	3.87	ppb
Calcium	44-1	31952.35	32378.92	34245.86	32859.04	3.71	ppb
Chromium	52-2	6.33	6.50	6.08	6.30	3.34	ppb
Cobalt	59-2	0.49	0.48	0.46	0.48	3.61	ppb
Copper	63-2	1.88	2.19	2.08	2.05	7.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	497.75	508.76	491.85	499.45	1.72	ppb
Iron	57-2	517.50	512.30	488.43	506.08	3.06	ppb
Lead	206-1	1.01	0.99	1.24	1.08	12.99	ppb
Lead	207-1	1.02	1.02	1.05	1.03	1.75	ppb
Lead	208-1	1.02	1.00	1.12	1.04	6.14	ppb
Lithium	6-1				95		%
Magnesium	24-2	8304.88	8575.56	8309.27	8396.57	1.85	ppb
Manganese	55-2	162.93	168.45	160.31	163.90	2.53	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-18 17:11:32	DataFile Name :	047SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.73	0.80	0.80	0.78	5.07	ppb
Molybdenum	95-1	0.67	0.70	0.67	0.68	2.42	ppb
Molybdenum	96-1	0.57	0.67	0.71	0.65	11.29	ppb
Molybdenum	97-1	0.61	0.56	0.72	0.63	13.11	ppb
Molybdenum	98-1	0.64	0.63	0.76	0.68	10.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.10	4.79	4.89	4.93	3.24	ppb
Phosphorus	31-2	13.21	13.78	-10.55	5.48	253.26	ppb
Potassium	39-2	746.47	749.69	723.53	739.90	1.93	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	1.99	1.99	1.15	1.71	28.47	ppb
Selenium	82-1	-0.35	-0.52	-0.17	-0.35		ppb
Silicon	28-1	4084.44	4162.02	4428.76	4225.07	4.27	ppb
Silver	109-1	0.38	0.40	0.53	0.44	18.54	ppb
Silver	107-1	0.39	0.41	0.60	0.47	25.24	ppb
Sodium	23-2	9308.34	9638.13	9404.63	9450.37	1.79	ppb
Strontium	86-1	87.21	87.73	94.67	89.87	4.63	ppb
Strontium	88-1	89.34	90.83	98.89	93.02	5.52	ppb
Sulfur	34-1	712.42	814.96	2953.19	1493.52	84.71	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
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	0.07	0.08	0.11	0.09	23.78	ppb
Titanium	47-1	15.07	10.63	11.42	12.38	19.12	ppb
Uranium	238-1	0.13	0.13	0.15	0.14	8.48	ppb
Vanadium	51-2	1.22	1.15	1.13	1.17	3.99	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	11.92	12.54	12.25	12.24	2.53	ppb
Zirconium	90-1	0.21	0.22	0.21	0.21	2.89	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-18 17:11:32	DataFile Name :	047SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.20	0.26	0.25	19.89	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:14:38	DataFile Name :	048SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.61	52.80	36.00	42.14	22.00	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	41.35	ppb
Arsenic	75-2	0.00	-0.04	0.00	-0.01		ppb
Barium	135-1	2.40	2.19	2.24	2.28	4.88	ppb
Barium	137-1	2.34	2.32	2.25	2.30	2.17	ppb
Beryllium	9-1	-0.01	0.00	0.07	0.02	182.90	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	94.76	101.63	107.55	101.31	6.31	ppb
Boron	11-1	97.13	103.69	101.51	100.78	3.31	ppb
Cadmium	111-1	-0.13	-0.04	-0.22	-0.13		ppb
Cadmium	106-1	-1.76	-0.49	-3.07	-1.77		ppb
Cadmium	108-1	0.07	0.07	0.03	0.05	37.74	ppb
Calcium	43-1	6081.99	6162.87	6106.22	6117.03	0.68	ppb
Calcium	44-1	6400.97	6383.45	6297.94	6360.79	0.87	ppb
Chromium	52-2	0.17	0.32	0.30	0.27	30.72	ppb
Cobalt	59-2	0.10	0.14	0.11	0.12	15.95	ppb
Copper	63-2	0.41	0.27	0.34	0.34	19.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	53.96	56.25	54.84	55.02	2.10	ppb
Iron	57-2	48.97	70.92	53.94	57.94	19.87	ppb
Lead	206-1	0.10	0.11	0.11	0.11	6.29	ppb
Lead	207-1	0.09	0.11	0.10	0.10	9.68	ppb
Lead	208-1	0.10	0.11	0.11	0.11	1.99	ppb
Lithium	6-1				94		%
Magnesium	24-2	2256.82	2301.72	2254.86	2271.13	1.17	ppb
Manganese	55-2	379.22	385.95	379.61	381.59	0.99	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:14:38	DataFile Name :	048SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.10	0.12	0.08	55.69	ppb
Molybdenum	95-1	0.13	0.12	0.14	0.13	9.15	ppb
Molybdenum	96-1	0.12	0.11	0.15	0.13	14.92	ppb
Molybdenum	97-1	0.14	0.16	0.10	0.13	23.20	ppb
Molybdenum	98-1	0.14	0.12	0.17	0.14	15.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.46	0.30	0.29	56.61	ppb
Phosphorus	31-2	-10.55	60.66	36.75	28.95	125.16	ppb
Potassium	39-2	72.44	67.39	71.02	70.29	3.71	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				87		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	1.16	0.32	2.00	1.16	72.16	ppb
Selenium	82-1	-0.49	-0.21	0.07	-0.21		ppb
Silicon	28-1	760.62	767.22	752.32	760.05	0.98	ppb
Silver	109-1	0.01	-0.02	-0.01	-0.01		ppb
Silver	107-1	-0.01	0.00	-0.01	-0.01		ppb
Sodium	23-2	2834.48	2877.47	2802.13	2838.03	1.33	ppb
Strontium	86-1	13.86	13.73	13.59	13.73	0.99	ppb
Strontium	88-1	13.93	13.88	13.97	13.93	0.34	ppb
Sulfur	34-1	-193.03	-290.66	-646.86	-376.85		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.15	0.16	0.14	0.15	6.48	ppb
Titanium	47-1	0.45	0.47	0.41	0.44	7.04	ppb
Uranium	238-1	0.11	0.09	0.09	0.10	10.08	ppb
Vanadium	51-2	0.11	0.13	0.12	0.12	8.51	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	3.14	3.04	3.52	3.23	7.91	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	328.44	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:14:38	DataFile Name :	048SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.00	0.01	127.42	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P8
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:23:12	DataFile Name :	050CCV_P8121817MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51701.16	51091.74	52009.96	51600.95	0.91	ppb
Antimony	121-1	513.47	521.18	517.75	517.47	0.75	ppb
Arsenic	75-2	507.90	520.55	510.59	513.01	1.30	ppb
Barium	135-1	2586.02	2610.97	2593.96	2596.98	0.49	ppb
Barium	137-1	2582.12	2559.12	2565.37	2568.87	0.46	ppb
Beryllium	9-1	535.60	540.58	538.66	538.28	0.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	550.93	555.59	575.63	560.72	2.34	ppb
Boron	11-1	557.54	569.41	569.98	565.65	1.24	ppb
Cadmium	111-1	497.44	502.61	496.58	498.88	0.65	ppb
Cadmium	106-1	495.27	511.19	511.11	505.86	1.81	ppb
Cadmium	108-1	498.71	501.67	500.77	500.38	0.30	ppb
Calcium	43-1	248473.63	249216.45	246460.28	248050.12	0.57	ppb
Calcium	44-1	246093.84	245119.30	245063.78	245425.64	0.24	ppb
Chromium	52-2	518.04	516.57	518.55	517.72	0.20	ppb
Cobalt	59-2	501.21	497.49	502.87	500.53	0.55	ppb
Copper	63-2	978.31	972.45	981.44	977.40	0.47	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				100		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	128747.44	127867.93	129727.08	128780.82	0.72	ppb
Iron	57-2	130431.26	130801.45	130507.06	130579.92	0.15	ppb
Lead	206-1	520.97	516.83	525.67	521.16	0.85	ppb
Lead	207-1	518.14	515.12	522.96	518.74	0.76	ppb
Lead	208-1	519.23	515.47	522.54	519.08	0.68	ppb
Lithium	6-1				90		%
Magnesium	24-2	258092.91	256407.16	255730.19	256743.42	0.47	ppb
Manganese	55-2	1032.95	1028.88	1025.08	1028.97	0.38	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P8
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:23:12	DataFile Name :	050CCV_P8121817MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2510.56	2545.79	2538.87	2531.74	0.74	ppb
Molybdenum	95-1	2508.15	2534.28	2537.89	2526.77	0.64	ppb
Molybdenum	96-1	2495.80	2532.74	2548.27	2525.60	1.07	ppb
Molybdenum	97-1	2534.96	2557.17	2558.80	2550.31	0.52	ppb
Molybdenum	98-1	2512.45	2542.63	2541.80	2532.29	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.38	499.97	501.58	500.98	0.18	ppb
Phosphorus	31-2	10324.79	10705.03	11173.87	10734.56	3.96	ppb
Potassium	39-2	129997.71	128986.29	131541.38	130175.13	0.99	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	474.78	491.79	480.33	482.30	1.80	ppb
Selenium	78-2	490.37	457.52	518.83	488.91	6.28	ppb
Selenium	82-1	489.32	501.69	496.26	495.76	1.25	ppb
Silicon	28-1	517.95	516.81	520.17	518.31	0.33	ppb
Silver	109-1	512.44	518.29	511.43	514.05	0.72	ppb
Silver	107-1	508.79	513.65	512.29	511.58	0.49	ppb
Sodium	23-2	260384.81	257841.56	259762.83	259329.74	0.51	ppb
Strontium	86-1	508.86	516.31	516.90	514.02	0.87	ppb
Strontium	88-1	515.76	523.68	519.83	519.76	0.76	ppb
Sulfur	34-1	9312.19	9356.09	9178.14	9282.14	1.00	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	518.91	516.11	522.54	519.19	0.62	ppb
Thallium	205-1	510.63	511.34	522.87	514.95	1.33	ppb
Tin	118-1	519.15	519.68	521.01	519.94	0.18	ppb
Titanium	47-1	2568.60	2566.74	2528.20	2554.52	0.89	ppb
Uranium	238-1	516.75	517.80	522.60	519.05	0.60	ppb
Vanadium	51-2	513.70	514.85	520.49	516.35	0.70	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	991.17	991.80	992.86	991.95	0.09	ppb
Zirconium	90-1	507.26	510.62	511.84	509.91	0.46	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P8
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:23:12	DataFile Name :	050CCV_P8121817MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.01	501.71	504.22	500.98	0.73	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P8
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:26:49	DataFile Name :	051CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.65	4.23	8.99	5.29	62.39	ppb
Antimony	121-1	0.19	0.23	0.23	0.22	11.50	ppb
Arsenic	75-2	-0.04	-0.04	-0.02	-0.04		ppb
Barium	135-1	0.01	0.02	0.02	0.02	31.56	ppb
Barium	137-1	0.02	0.01	0.03	0.02	35.10	ppb
Beryllium	9-1	0.38	0.55	0.44	0.46	18.75	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	29.18	30.06	30.24	29.83	1.90	ppb
Boron	11-1	32.68	29.53	31.23	31.14	5.05	ppb
Cadmium	111-1	0.01	-0.01	-0.08	-0.02		ppb
Cadmium	106-1	-0.25	-0.67	-1.70	-0.87		ppb
Cadmium	108-1	0.11	0.04	-0.07	0.02	379.55	ppb
Calcium	43-1	-31.35	-23.82	-26.43	-27.20		ppb
Calcium	44-1	-15.56	-12.94	-13.19	-13.90		ppb
Chromium	52-2	0.08	0.01	0.09	0.06	68.24	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	287.34	ppb
Copper	63-2	0.05	0.02	-0.04	0.01	382.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	4.76	4.97	3.93	4.55	12.04	ppb
Iron	57-2	5.40	7.72	3.11	5.41	42.68	ppb
Lead	206-1	0.05	0.05	0.06	0.06	13.72	ppb
Lead	207-1	0.06	0.05	0.04	0.05	19.69	ppb
Lead	208-1	0.05	0.06	0.05	0.05	9.17	ppb
Lithium	6-1				92		%
Magnesium	24-2	-25.32	-26.36	-27.31	-26.33		ppb
Manganese	55-2	0.08	0.08	0.07	0.08	10.95	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P8
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:26:49	DataFile Name :	051CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.10	0.11	0.10	11.56	ppb
Molybdenum	95-1	0.15	0.11	0.11	0.13	19.11	ppb
Molybdenum	96-1	0.14	0.12	0.12	0.13	8.62	ppb
Molybdenum	97-1	0.13	0.16	0.15	0.15	9.89	ppb
Molybdenum	98-1	0.12	0.11	0.11	0.11	6.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.20	-0.08	-0.10		ppb
Phosphorus	31-2	34.28	11.85	34.53	26.89	48.43	ppb
Potassium	39-2	13.82	7.16	7.15	9.37	41.06	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	1.88	0.29	0.29	0.82	111.96	ppb
Selenium	82-1	0.15	-0.29	-0.75	-0.30		ppb
Silicon	28-1	-26.60	-24.28	-22.93	-24.60		ppb
Silver	109-1	0.23	0.23	0.23	0.23	0.52	ppb
Silver	107-1	0.26	0.22	0.23	0.24	7.95	ppb
Sodium	23-2	-7.96	-11.93	6.10	-4.60		ppb
Strontium	86-1	-0.01	0.03	0.03	0.02	135.93	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	141.40	ppb
Sulfur	34-1	-2269.84	-2267.28	-2378.53	-2305.21		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.11	0.08	0.10	19.44	ppb
Thallium	205-1	0.11	0.11	0.08	0.10	15.00	ppb
Tin	118-1	0.07	0.08	0.07	0.08	6.21	ppb
Titanium	47-1	0.03	0.00	-0.04	0.00	3869.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	126.10	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	0.15	0.18	0.04	0.12	60.72	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	46.39	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P8
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:26:49	DataFile Name :	051CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.03	0.03	27.71	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105126BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:29:57	DataFile Name :	052CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	2.64	-0.49	1.07	145.71	ppb
Antimony	121-1	0.09	0.10	0.10	0.10	9.67	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.02	0.00	0.02	0.01	87.40	ppb
Barium	137-1	0.00	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.35	0.25	0.21	0.27	25.39	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	20.60	22.26	21.59	21.49	3.88	ppb
Boron	11-1	22.98	21.50	20.47	21.65	5.82	ppb
Cadmium	111-1	-0.04	-0.13	-0.10	-0.09		ppb
Cadmium	106-1	-0.76	-1.98	-1.43	-1.39		ppb
Cadmium	108-1	-0.04	-0.04	0.04	-0.01		ppb
Calcium	43-1	-31.34	-36.77	-12.33	-26.81		ppb
Calcium	44-1	-13.66	-13.47	-12.17	-13.10		ppb
Chromium	52-2	0.02	0.02	-0.03	0.00	540.33	ppb
Cobalt	59-2	0.01	0.02	0.03	0.02	61.00	ppb
Copper	63-2	0.08	0.01	0.02	0.04	91.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	3.13	2.81	2.84	2.93	6.02	ppb
Iron	57-2	1.19	0.27	2.07	1.18	76.69	ppb
Lead	206-1	0.03	0.04	0.03	0.03	21.16	ppb
Lead	207-1	0.04	0.02	0.04	0.03	42.48	ppb
Lead	208-1	0.04	0.03	0.03	0.04	12.93	ppb
Lithium	6-1				93		%
Magnesium	24-2	-25.77	-21.94	-24.53	-24.08		ppb
Manganese	55-2	-0.07	0.02	0.17	0.04	318.72	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105126BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:29:57	DataFile Name :	052CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.01	0.02	0.02	53.74	ppb
Molybdenum	95-1	0.06	0.07	0.04	0.06	23.25	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	28.76	ppb
Molybdenum	97-1	0.04	0.02	0.08	0.05	66.58	ppb
Molybdenum	98-1	0.02	0.04	0.05	0.04	32.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	0.00	-0.13	-0.08		ppb
Phosphorus	31-2	-10.55	11.76	11.56	4.26	301.17	ppb
Potassium	39-2	2.21	-6.84	4.57	-0.02		ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	0.28	-0.50	1.06	0.28	280.19	ppb
Selenium	82-1	-0.32	-0.37	0.35	-0.11		ppb
Silicon	28-1	-23.99	-28.00	-24.74	-25.58		ppb
Silver	109-1	0.11	0.10	0.10	0.10	9.45	ppb
Silver	107-1	0.13	0.09	0.09	0.10	20.77	ppb
Sodium	23-2	-25.18	-28.54	-23.28	-25.67		ppb
Strontium	86-1	0.03	0.01	0.03	0.02	56.90	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1771.30	ppb
Sulfur	34-1	-2212.82	-2442.37	-2075.41	-2243.53		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.06	0.05	0.05	9.67	ppb
Thallium	205-1	0.06	0.06	0.04	0.05	20.80	ppb
Tin	118-1	0.09	0.11	0.08	0.09	17.09	ppb
Titanium	47-1	0.11	0.03	-0.02	0.04	148.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	40.59	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	0.04	0.04	-0.07	0.00		ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	60.39	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105126BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:29:57	DataFile Name :	052CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.00	0.01	0.02	111.55	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105126BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:33:04	DataFile Name :	053LCSE_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.43	28.84	54.14	38.13	36.50	ppb
Antimony	121-1	3.82	4.00	3.97	3.93	2.49	ppb
Arsenic	75-2	2.08	2.13	1.91	2.04	5.48	ppb
Barium	135-1	18.51	19.49	18.99	19.00	2.57	ppb
Barium	137-1	19.14	19.68	19.67	19.50	1.60	ppb
Beryllium	9-1	2.39	2.28	2.03	2.23	8.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	61.43	61.02	61.46	61.31	0.40	ppb
Boron	11-1	61.46	63.77	62.47	62.57	1.85	ppb
Cadmium	111-1	1.89	1.83	1.95	1.89	3.11	ppb
Cadmium	106-1	0.17	1.07	1.08	0.77	67.19	ppb
Cadmium	108-1	1.51	2.17	2.02	1.90	18.09	ppb
Calcium	43-1	893.08	881.63	895.81	890.17	0.85	ppb
Calcium	44-1	910.44	900.12	911.79	907.45	0.70	ppb
Chromium	52-2	3.92	4.29	4.91	4.38	11.49	ppb
Cobalt	59-2	1.97	2.11	2.24	2.11	6.37	ppb
Copper	63-2	3.88	3.94	4.49	4.11	8.22	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				102		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	466.82	475.98	548.88	497.23	9.04	ppb
Iron	57-2	477.29	453.25	518.34	482.96	6.82	ppb
Lead	206-1	2.00	1.90	1.95	1.95	2.45	ppb
Lead	207-1	1.80	1.80	1.84	1.82	1.09	ppb
Lead	208-1	1.94	1.89	1.91	1.91	1.12	ppb
Lithium	6-1				93		%
Magnesium	24-2	937.19	934.02	1136.99	1002.73	11.60	ppb
Manganese	55-2	2.18	1.90	2.33	2.14	10.09	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105126BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:33:04	DataFile Name :	053LCSE_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.66	9.69	9.36	9.57	1.90	ppb
Molybdenum	95-1	9.47	9.56	9.62	9.55	0.81	ppb
Molybdenum	96-1	9.62	9.32	9.43	9.45	1.59	ppb
Molybdenum	97-1	9.18	9.56	9.39	9.38	2.00	ppb
Molybdenum	98-1	9.62	9.59	9.46	9.56	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.91	2.08	2.31	2.10	9.63	ppb
Phosphorus	31-2	11.11	33.47	89.91	44.83	90.59	ppb
Potassium	39-2	973.16	973.33	1098.22	1014.90	7.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	77-2	13.06	3.29	-1.55	4.94	150.73	ppb
Selenium	78-2	9.73	10.47	7.49	9.23	16.80	ppb
Selenium	82-1	9.48	9.43	9.14	9.35	1.93	ppb
Silicon	28-1	12.06	10.87	12.05	11.66	5.90	ppb
Silver	109-1	1.68	1.88	1.90	1.82	6.63	ppb
Silver	107-1	1.80	1.83	1.83	1.82	1.15	ppb
Sodium	23-2	911.90	932.45	1144.49	996.28	12.92	ppb
Strontium	86-1	2.03	1.89	2.05	1.99	4.29	ppb
Strontium	88-1	1.98	2.02	1.93	1.98	2.13	ppb
Sulfur	34-1	-2309.62	-2253.05	-2275.87	-2279.51		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	1.96	1.92	1.90	1.93	1.44	ppb
Thallium	205-1	1.93	1.92	1.95	1.93	0.71	ppb
Tin	118-1	9.43	9.90	9.78	9.70	2.48	ppb
Titanium	47-1	9.97	9.16	9.02	9.39	5.45	ppb
Uranium	238-1	1.78	1.79	1.83	1.80	1.58	ppb
Vanadium	51-2	9.10	9.53	10.93	9.85	9.71	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	4.59	4.66	5.33	4.86	8.47	ppb
Zirconium	90-1	1.99	2.00	2.03	2.00	1.08	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105126BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:33:04	DataFile Name :	053LCSE_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.92	1.89	2.08	1.96	5.25	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-01	Instrumnet Name :	P8
Client Sample ID :	MBDYX0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:36:12	DataFile Name :	054SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	968.81	975.36	956.89	967.02	0.97	ppb
Antimony	121-1	0.25	0.25	0.26	0.25	3.42	ppb
Arsenic	75-2	1.46	1.69	1.48	1.54	8.14	ppb
Barium	135-1	50.27	51.85	51.53	51.22	1.63	ppb
Barium	137-1	51.14	52.24	51.99	51.79	1.10	ppb
Beryllium	9-1	0.19	0.15	0.22	0.18	18.81	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	992.57	1015.28	1038.99	1015.61	2.29	ppb
Boron	11-1	997.03	1025.12	1050.37	1024.17	2.61	ppb
Cadmium	111-1	-0.05	-0.03	0.00	-0.03		ppb
Cadmium	106-1	-1.27	-1.18	-0.82	-1.09		ppb
Cadmium	108-1	0.02	0.06	-0.01	0.02	134.49	ppb
Calcium	43-1	120706.09	122961.03	123310.64	122325.92	1.16	ppb
Calcium	44-1	119405.05	121962.89	121693.99	121020.64	1.16	ppb
Chromium	52-2	6.26	5.62	5.81	5.90	5.53	ppb
Cobalt	59-2	2.70	2.72	2.78	2.73	1.41	ppb
Copper	63-2	3.41	3.22	3.13	3.26	4.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	56-2	1718.39	1717.18	1697.34	1710.97	0.69	ppb
Iron	57-2	1701.36	1748.57	1692.92	1714.28	1.75	ppb
Lead	206-1	1.29	1.29	1.33	1.31	1.78	ppb
Lead	207-1	1.28	1.22	1.15	1.22	5.43	ppb
Lead	208-1	1.28	1.25	1.27	1.27	1.19	ppb
Lithium	6-1				100		%
Magnesium	24-2	43859.20	43383.60	43222.60	43488.47	0.76	ppb
Manganese	55-2	1215.48	1211.41	1208.36	1211.75	0.29	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-01	Instrumnet Name :	P8
Client Sample ID :	MBDYX0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:36:12	DataFile Name :	054SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.07	4.45	4.49	5.00	18.47	ppb
Molybdenum	95-1	5.28	5.50	5.61	5.46	3.03	ppb
Molybdenum	96-1	5.51	5.36	5.05	5.31	4.41	ppb
Molybdenum	97-1	5.19	5.54	5.29	5.34	3.34	ppb
Molybdenum	98-1	5.38	5.50	5.48	5.45	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.65	5.83	6.26	5.91	5.31	ppb
Phosphorus	31-2	11.37	11.41	-10.55	4.08	310.49	ppb
Potassium	39-2	2305.60	2339.32	2203.41	2282.78	3.10	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				93		%
Selenium	77-2	-1.55	-1.55	12.76	3.22	256.25	ppb
Selenium	78-2	-0.50	0.25	0.27	0.01	8231.93	ppb
Selenium	82-1	0.00	-0.88	-0.55	-0.48		ppb
Silicon	28-1	14428.82	14354.67	14355.65	14379.71	0.30	ppb
Silver	109-1	1.41	1.46	1.33	1.40	4.94	ppb
Silver	107-1	1.40	1.40	1.37	1.39	1.28	ppb
Sodium	23-2	28852.73	29130.35	28905.66	28962.91	0.51	ppb
Strontium	86-1	223.16	221.83	220.92	221.97	0.51	ppb
Strontium	88-1	229.17	228.28	227.74	228.40	0.32	ppb
Sulfur	34-1	16019.48	16730.47	16667.16	16472.37	2.39	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.10	0.12	0.09	0.10	15.17	ppb
Thallium	205-1	0.11	0.09	0.09	0.09	15.92	ppb
Tin	118-1	0.07	0.05	0.04	0.05	34.74	ppb
Titanium	47-1	31.63	32.90	29.98	31.51	4.65	ppb
Uranium	238-1	2.12	2.16	2.10	2.13	1.35	ppb
Vanadium	51-2	4.32	4.46	4.49	4.43	2.09	ppb
Yttrium	89-1				109		%
Yttrium	89-2				99		%
Zinc	66-2	7.33	6.36	6.22	6.64	9.04	ppb
Zirconium	90-1	0.50	0.48	0.47	0.48	2.94	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-01	Instrumnet Name :	P8
Client Sample ID :	MBDYX0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:36:12	DataFile Name :	054SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.49	0.48	0.53	0.50	5.16	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-02	Instrumnet Name :	P8
Client Sample ID :	MBDYX1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:39:19	DataFile Name :	055SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71.33	97.29	70.40	79.67	19.16	ppb
Antimony	121-1	0.18	0.22	0.20	0.20	8.84	ppb
Arsenic	75-2	14.45	13.98	13.72	14.05	2.64	ppb
Barium	135-1	139.38	140.27	140.21	139.96	0.36	ppb
Barium	137-1	142.27	139.49	141.27	141.01	1.00	ppb
Beryllium	9-1	0.09	0.10	0.11	0.10	7.73	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	369.73	382.93	371.09	374.59	1.94	ppb
Boron	11-1	364.79	369.30	376.03	370.04	1.53	ppb
Cadmium	111-1	-0.03	-0.07	0.00	-0.03		ppb
Cadmium	106-1	-1.09	-1.73	-0.34	-1.05		ppb
Cadmium	108-1	0.06	0.12	0.06	0.08	47.55	ppb
Calcium	43-1	158875.64	158431.80	159020.30	158775.91	0.19	ppb
Calcium	44-1	155381.91	156116.29	156208.84	155902.34	0.29	ppb
Chromium	52-2	1.38	1.48	1.53	1.46	5.28	ppb
Cobalt	59-2	6.99	7.02	7.10	7.04	0.86	ppb
Copper	63-2	3.18	3.21	3.13	3.17	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				114		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	56-2	35566.93	36465.10	36425.08	36152.37	1.40	ppb
Iron	57-2	35191.46	35911.01	35623.81	35575.43	1.02	ppb
Lead	206-1	0.15	0.19	0.16	0.17	11.66	ppb
Lead	207-1	0.13	0.15	0.14	0.14	6.58	ppb
Lead	208-1	0.14	0.16	0.14	0.15	5.79	ppb
Lithium	6-1				96		%
Magnesium	24-2	66283.60	68147.02	67531.07	67320.56	1.41	ppb
Manganese	55-2	11670.76	11949.64	11984.61	11868.34	1.45	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-02	Instrumnet Name :	P8
Client Sample ID :	MBDYX1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:39:19	DataFile Name :	055SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.15	1.08	1.15	1.13	3.50	ppb
Molybdenum	95-1	1.42	1.39	1.47	1.43	2.91	ppb
Molybdenum	96-1	1.52	1.38	1.37	1.43	5.93	ppb
Molybdenum	97-1	1.38	1.30	1.35	1.35	2.82	ppb
Molybdenum	98-1	1.40	1.34	1.33	1.36	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.88	3.90	4.06	3.95	2.58	ppb
Phosphorus	31-2	-10.55	-10.55	33.39	4.10	618.71	ppb
Potassium	39-2	1573.31	1576.09	1567.29	1572.23	0.29	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				93		%
Selenium	77-2	-1.55	3.28	-1.55	0.06	4383.64	ppb
Selenium	78-2	0.27	-0.50	-0.50	-0.25		ppb
Selenium	82-1	-0.88	-0.50	-0.92	-0.77		ppb
Silicon	28-1	14082.56	14003.34	14029.56	14038.49	0.29	ppb
Silver	109-1	5.37	6.13	6.58	6.03	10.15	ppb
Silver	107-1	5.36	5.87	6.72	5.98	11.48	ppb
Sodium	23-2	172750.87	178050.44	178266.80	176356.04	1.77	ppb
Strontium	86-1	451.46	450.21	451.74	451.14	0.18	ppb
Strontium	88-1	459.41	457.74	455.17	457.44	0.47	ppb
Sulfur	34-1	-2338.71	-2384.76	-2189.55	-2304.34		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.04	0.03	0.03	37.53	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	7.42	ppb
Tin	118-1	0.07	0.08	0.08	0.08	7.62	ppb
Titanium	47-1	2.19	2.55	2.45	2.40	7.73	ppb
Uranium	238-1	0.73	0.77	0.74	0.75	2.67	ppb
Vanadium	51-2	0.28	0.44	0.46	0.40	24.84	ppb
Yttrium	89-1				107		%
Yttrium	89-2				97		%
Zinc	66-2	9.73	9.40	11.17	10.10	9.31	ppb
Zirconium	90-1	0.09	0.07	0.08	0.08	14.41	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-02	Instrumnet Name :	P8
Client Sample ID :	MBDYX1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:39:19	DataFile Name :	055SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.11	0.09	0.10	9.24	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03	Instrumnet Name :	P8
Client Sample ID :	MBDYX7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:42:23	DataFile Name :	056SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.58	67.73	43.06	55.12	22.39	ppb
Antimony	121-1	0.12	0.15	0.14	0.14	10.92	ppb
Arsenic	75-2	0.53	0.52	0.44	0.50	9.73	ppb
Barium	135-1	39.31	39.33	38.45	39.03	1.28	ppb
Barium	137-1	39.26	39.62	38.19	39.02	1.90	ppb
Beryllium	9-1	0.15	0.01	0.07	0.08	87.00	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	1972.27	1996.13	1942.97	1970.46	1.35	ppb
Boron	11-1	2020.78	2016.72	1964.42	2000.64	1.57	ppb
Cadmium	111-1	-0.06	-0.03	-0.07	-0.05		ppb
Cadmium	106-1	-1.25	-0.72	-1.55	-1.17		ppb
Cadmium	108-1	0.09	-0.01	-0.01	0.03	222.55	ppb
Calcium	43-1	122483.98	121980.64	116597.59	120354.07	2.71	ppb
Calcium	44-1	119931.40	119651.94	114488.50	118023.95	2.60	ppb
Chromium	52-2	1.01	1.07	1.07	1.05	3.47	ppb
Cobalt	59-2	2.14	2.25	2.20	2.20	2.67	ppb
Copper	63-2	0.74	0.71	0.67	0.71	4.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	56-2	227.41	193.58	188.28	203.09	10.45	ppb
Iron	57-2	189.42	192.09	175.17	185.56	4.90	ppb
Lead	206-1	0.56	0.53	0.53	0.54	3.37	ppb
Lead	207-1	0.51	0.51	0.40	0.48	13.26	ppb
Lead	208-1	0.53	0.51	0.47	0.50	5.35	ppb
Lithium	6-1				97		%
Magnesium	24-2	47757.42	47621.43	47733.23	47704.03	0.15	ppb
Manganese	55-2	7981.86	7955.89	8056.50	7998.08	0.65	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03	Instrumnet Name :	P8
Client Sample ID :	MBDYX7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:42:23	DataFile Name :	056SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.94	0.98	0.90	0.94	3.89	ppb
Molybdenum	95-1	1.42	1.35	1.44	1.40	3.48	ppb
Molybdenum	96-1	1.29	1.26	1.18	1.25	4.82	ppb
Molybdenum	97-1	1.37	1.25	1.19	1.27	6.98	ppb
Molybdenum	98-1	1.24	1.31	1.23	1.26	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.66	2.65	2.58	2.63	1.65	ppb
Phosphorus	31-2	-10.55	11.05	75.09	25.20	176.74	ppb
Potassium	39-2	2063.13	2068.57	2150.08	2093.92	2.33	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	0.24	1.77	0.25	0.76	116.55	ppb
Selenium	82-1	-0.85	-0.16	-0.12	-0.38		ppb
Silicon	28-1	16525.97	16598.95	15754.81	16293.24	2.87	ppb
Silver	109-1	1.74	1.40	1.19	1.44	19.49	ppb
Silver	107-1	1.83	1.46	1.22	1.51	20.36	ppb
Sodium	23-2	53901.01	55186.06	54608.25	54565.11	1.18	ppb
Strontium	86-1	212.89	211.47	206.02	210.13	1.73	ppb
Strontium	88-1	217.70	216.66	210.37	214.91	1.85	ppb
Sulfur	34-1	10521.15	10415.80	9163.77	10033.57	7.53	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.03	0.02	0.03	38.47	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	18.19	ppb
Tin	118-1	0.46	0.43	0.33	0.41	16.28	ppb
Titanium	47-1	3.49	3.60	3.09	3.40	7.92	ppb
Uranium	238-1	1.25	1.21	1.16	1.21	3.47	ppb
Vanadium	51-2	1.89	2.11	2.02	2.01	5.38	ppb
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	1.84	1.93	2.23	2.00	10.17	ppb
Zirconium	90-1	0.09	0.08	0.10	0.09	9.77	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03	Instrumnet Name :	P8
Client Sample ID :	MBDYX7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:42:23	DataFile Name :	056SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.09	0.08	0.08	11.46	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-04	Instrumnet Name :	P8
Client Sample ID :	MBDYX7D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:45:29	DataFile Name :	057SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.88	60.50	70.37	56.91	27.33	ppb
Antimony	121-1	0.14	0.11	0.13	0.13	12.87	ppb
Arsenic	75-2	0.57	0.75	0.60	0.64	15.14	ppb
Barium	135-1	36.41	37.79	37.86	37.35	2.19	ppb
Barium	137-1	38.01	38.10	37.76	37.96	0.47	ppb
Beryllium	9-1	0.02	0.06	0.07	0.05	52.69	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	10-1	1922.54	1923.43	1996.45	1947.47	2.18	ppb
Boron	11-1	1957.16	1995.56	2025.70	1992.81	1.72	ppb
Cadmium	111-1	-0.08	-0.07	-0.07	-0.07		ppb
Cadmium	106-1	-1.34	-1.17	-1.26	-1.26		ppb
Cadmium	108-1	-0.01	0.12	-0.07	0.01	791.48	ppb
Calcium	43-1	115307.60	116608.55	114534.08	115483.41	0.91	ppb
Calcium	44-1	113525.58	113433.33	113722.18	113560.37	0.13	ppb
Chromium	52-2	1.05	1.01	1.11	1.06	4.72	ppb
Cobalt	59-2	2.13	2.14	2.06	2.11	2.01	ppb
Copper	63-2	0.98	0.79	0.73	0.83	15.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	56-2	188.09	192.10	189.96	190.05	1.06	ppb
Iron	57-2	200.92	196.38	194.78	197.36	1.61	ppb
Lead	206-1	0.45	0.50	0.43	0.46	7.78	ppb
Lead	207-1	0.38	0.41	0.42	0.40	4.44	ppb
Lead	208-1	0.45	0.47	0.45	0.46	2.36	ppb
Lithium	6-1				100		%
Magnesium	24-2	46626.78	46792.58	47118.66	46846.01	0.53	ppb
Manganese	55-2	7996.42	7986.48	8091.64	8024.85	0.72	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-04	Instrumnet Name :	P8
Client Sample ID :	MBDYX7D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:45:29	DataFile Name :	057SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.92	0.89	1.06	0.96	9.45	ppb
Molybdenum	95-1	1.33	1.28	1.30	1.30	2.03	ppb
Molybdenum	96-1	1.26	1.20	1.22	1.23	2.29	ppb
Molybdenum	97-1	1.24	1.14	1.12	1.17	5.41	ppb
Molybdenum	98-1	1.31	1.34	1.34	1.33	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.24	2.47	2.56	2.42	6.94	ppb
Phosphorus	31-2	-10.55	-10.55	33.37	4.09	619.49	ppb
Potassium	39-2	2053.40	2032.79	2125.53	2070.57	2.35	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				95		%
Selenium	77-2	-1.55	3.20	7.92	3.19	148.35	ppb
Selenium	78-2	1.01	-0.50	-0.50	0.00		ppb
Selenium	82-1	-0.45	-1.75	-0.25	-0.82		ppb
Silicon	28-1	15755.81	15679.50	15638.66	15691.32	0.38	ppb
Silver	109-1	1.10	1.02	1.06	1.06	3.58	ppb
Silver	107-1	1.07	1.01	1.07	1.05	3.09	ppb
Sodium	23-2	54581.31	54648.39	55519.75	54916.48	0.95	ppb
Strontium	86-1	203.64	205.04	204.87	204.52	0.37	ppb
Strontium	88-1	208.74	209.57	210.44	209.58	0.41	ppb
Sulfur	34-1	8944.71	8974.65	9154.97	9024.78	1.26	ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.01	0.02	0.01	43.20	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	39.10	ppb
Tin	118-1	0.37	0.38	0.38	0.38	1.93	ppb
Titanium	47-1	3.77	3.30	3.37	3.48	7.21	ppb
Uranium	238-1	1.15	1.12	1.15	1.14	1.54	ppb
Vanadium	51-2	2.28	2.24	1.93	2.15	8.81	ppb
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	1.69	1.86	1.72	1.76	5.20	ppb
Zirconium	90-1	0.13	0.07	0.08	0.09	35.33	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-04	Instrumnet Name :	P8
Client Sample ID :	MBDYX7D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:45:29	DataFile Name :	057SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.08	0.09	0.08	9.90	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYX7L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-18 17:48:32	DataFile Name :	058SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.19	18.09	2.65	11.97	68.53	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	24.04	ppb
Arsenic	75-2	0.21	0.06	0.11	0.13	58.24	ppb
Barium	135-1	7.79	7.34	7.45	7.53	3.08	ppb
Barium	137-1	7.70	7.64	7.62	7.65	0.59	ppb
Beryllium	9-1	0.09	0.08	0.08	0.08	8.90	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	493.14	487.48	481.63	487.42	1.18	ppb
Boron	11-1	468.10	482.23	487.24	479.19	2.07	ppb
Cadmium	111-1	-0.11	-0.05	-0.10	-0.09		ppb
Cadmium	106-1	-1.58	-0.75	-1.55	-1.29		ppb
Cadmium	108-1	0.03	0.00	0.00	0.01	259.62	ppb
Calcium	43-1	22595.29	22484.79	22589.87	22556.65	0.28	ppb
Calcium	44-1	22811.98	22612.71	22547.36	22657.35	0.61	ppb
Chromium	52-2	0.26	0.28	0.31	0.28	7.92	ppb
Cobalt	59-2	0.48	0.40	0.42	0.44	9.92	ppb
Copper	63-2	0.16	0.22	0.12	0.17	28.47	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				95		%
Iron	56-2	40.40	41.80	39.56	40.59	2.78	ppb
Iron	57-2	39.23	39.99	34.15	37.79	8.39	ppb
Lead	206-1	0.13	0.11	0.10	0.11	13.27	ppb
Lead	207-1	0.08	0.07	0.10	0.08	17.34	ppb
Lead	208-1	0.10	0.09	0.09	0.10	5.04	ppb
Lithium	6-1				92		%
Magnesium	24-2	9365.26	9938.66	9332.46	9545.46	3.57	ppb
Manganese	55-2	1557.30	1694.79	1549.89	1600.66	5.10	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYX7L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-18 17:48:32	DataFile Name :	058SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.15	0.20	0.17	14.44	ppb
Molybdenum	95-1	0.26	0.31	0.26	0.28	10.18	ppb
Molybdenum	96-1	0.23	0.23	0.26	0.24	5.74	ppb
Molybdenum	97-1	0.28	0.31	0.26	0.28	7.78	ppb
Molybdenum	98-1	0.20	0.24	0.25	0.23	11.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.50	0.42	0.44	11.14	ppb
Phosphorus	31-2	34.16	13.51	11.81	19.83	62.74	ppb
Potassium	39-2	450.71	482.32	442.37	458.47	4.60	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				90		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	-0.50	2.06	-0.50	0.35	421.80	ppb
Selenium	82-1	-0.98	-0.59	-1.08	-0.88		ppb
Silicon	28-1	3138.15	3107.24	3095.46	3113.62	0.71	ppb
Silver	109-1	0.12	0.12	0.11	0.12	7.80	ppb
Silver	107-1	0.12	0.11	0.12	0.12	4.40	ppb
Sodium	23-2	10716.05	11576.62	10676.06	10989.58	4.63	ppb
Strontium	86-1	39.79	40.49	39.97	40.09	0.91	ppb
Strontium	88-1	40.79	40.71	41.32	40.94	0.81	ppb
Sulfur	34-1	573.15	39.72	-23.90	196.33	167.01	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.10	0.03	0.04	0.06	66.52	ppb
Titanium	47-1	0.69	0.60	0.64	0.65	6.55	ppb
Uranium	238-1	0.22	0.23	0.23	0.23	3.79	ppb
Vanadium	51-2	0.38	0.38	0.43	0.39	7.10	ppb
Yttrium	89-1				103		%
Yttrium	89-2				93		%
Zinc	66-2	0.48	0.61	0.73	0.61	20.59	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	36.48	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYX7L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-18 17:48:32	DataFile Name :	058SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.02	0.03	46.91	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-05	Instrumnet Name :	P8
Client Sample ID :	MBDYX7S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:51:41	DataFile Name :	059SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2273.99	2164.15	2123.04	2187.06	3.57	ppb
Antimony	121-1	110.50	110.29	109.92	110.24	0.26	ppb
Arsenic	75-2	46.60	44.70	44.43	45.25	2.62	ppb
Barium	135-1	2272.94	2289.39	2268.03	2276.79	0.49	ppb
Barium	137-1	2263.34	2248.61	2229.66	2247.20	0.75	ppb
Beryllium	9-1	58.72	57.10	58.51	58.11	1.51	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	10-1	1908.23	1955.13	1987.06	1950.14	2.03	ppb
Boron	11-1	1957.93	1978.37	2011.37	1982.56	1.36	ppb
Cadmium	111-1	54.24	54.51	53.94	54.23	0.53	ppb
Cadmium	106-1	42.99	44.46	42.09	43.18	2.77	ppb
Cadmium	108-1	50.97	48.52	50.38	49.95	2.56	ppb
Calcium	43-1	119062.27	120139.07	118385.12	119195.49	0.74	ppb
Calcium	44-1	115452.90	117272.09	116098.59	116274.53	0.79	ppb
Chromium	52-2	231.17	232.32	222.86	228.78	2.26	ppb
Cobalt	59-2	576.80	576.87	561.72	571.80	1.53	ppb
Copper	63-2	289.44	288.29	279.96	285.90	1.81	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				107		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	56-2	1384.60	1380.38	1345.87	1370.28	1.55	ppb
Iron	57-2	1394.64	1362.48	1318.21	1358.44	2.82	ppb
Lead	206-1	21.24	21.87	21.64	21.58	1.46	ppb
Lead	207-1	20.90	21.67	20.90	21.16	2.11	ppb
Lead	208-1	21.37	21.74	21.46	21.52	0.90	ppb
Lithium	6-1				100		%
Magnesium	24-2	48422.10	48522.79	47624.11	48189.67	1.02	ppb
Manganese	55-2	8801.59	8751.78	8609.67	8721.01	1.14	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-05	Instrumnet Name :	P8
Client Sample ID :	MBDYX7S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:51:41	DataFile Name :	059SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.00	0.94	1.05	1.00	5.68	ppb
Molybdenum	95-1	1.46	1.41	1.31	1.39	5.41	ppb
Molybdenum	96-1	1.29	1.38	1.32	1.33	3.30	ppb
Molybdenum	97-1	1.27	1.32	1.24	1.28	2.92	ppb
Molybdenum	98-1	1.26	1.31	1.30	1.29	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	579.38	577.63	566.74	574.58	1.19	ppb
Phosphorus	31-2	-10.55	56.31	11.09	18.95	180.02	ppb
Potassium	39-2	2152.87	2134.90	2091.50	2126.42	1.48	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				93		%
Selenium	77-2	131.25	146.73	140.63	139.54	5.59	ppb
Selenium	78-2	102.28	99.29	93.02	98.20	4.82	ppb
Selenium	82-1	109.46	110.76	112.17	110.80	1.22	ppb
Silicon	28-1	15917.36	16161.67	15701.08	15926.70	1.45	ppb
Silver	109-1	49.57	50.64	50.53	50.25	1.17	ppb
Silver	107-1	49.90	50.51	51.00	50.47	1.09	ppb
Sodium	23-2	56872.37	56783.61	55019.79	56225.26	1.86	ppb
Strontium	86-1	204.78	206.17	210.55	207.17	1.45	ppb
Strontium	88-1	211.25	212.65	212.42	212.11	0.35	ppb
Sulfur	34-1	9573.39	10116.33	9491.07	9726.93	3.49	ppb
Terbium	159-1				116		%
Terbium	159-2				107		%
Thallium	203-1	54.32	55.23	54.87	54.81	0.84	ppb
Thallium	205-1	55.95	56.24	55.21	55.80	0.95	ppb
Tin	118-1	0.04	0.07	0.08	0.07	32.43	ppb
Titanium	47-1	3.91	4.27	3.98	4.05	4.77	ppb
Uranium	238-1	1.20	1.21	1.21	1.21	0.40	ppb
Vanadium	51-2	575.59	574.57	559.01	569.72	1.63	ppb
Yttrium	89-1				109		%
Yttrium	89-2				98		%
Zinc	66-2	578.45	584.18	563.66	575.43	1.84	ppb
Zirconium	90-1	0.08	0.07	0.08	0.07	6.38	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-05	Instrumnet Name :	P8
Client Sample ID :	MBDYX7S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:51:41	DataFile Name :	059SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.07	0.14	0.10	34.15	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-06	Instrumnet Name :	P8
Client Sample ID :	MBDYX8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:54:45	DataFile Name :	060SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.45	16.36	12.06	13.96	15.71	ppb
Antimony	121-1	0.12	0.14	0.13	0.13	5.35	ppb
Arsenic	75-2	0.71	0.51	0.58	0.60	17.11	ppb
Barium	135-1	35.91	35.64	36.88	36.14	1.80	ppb
Barium	137-1	35.63	36.45	36.83	36.30	1.70	ppb
Beryllium	9-1	0.06	0.07	0.09	0.07	23.20	ppb
Bismuth	209-1				116		%
Bismuth	209-2				106		%
Boron	10-1	1802.10	1884.59	1907.57	1864.75	2.97	ppb
Boron	11-1	1806.67	1918.92	1939.53	1888.37	3.79	ppb
Cadmium	111-1	-0.20	-0.02	-0.07	-0.10		ppb
Cadmium	106-1	-3.61	-0.89	-1.71	-2.07		ppb
Cadmium	108-1	0.08	-0.01	0.12	0.06	104.28	ppb
Calcium	43-1	109341.03	112241.74	110046.10	110542.96	1.37	ppb
Calcium	44-1	107250.79	108823.68	107860.17	107978.21	0.73	ppb
Chromium	52-2	0.21	0.25	0.18	0.21	15.03	ppb
Cobalt	59-2	2.07	2.02	2.09	2.06	1.62	ppb
Copper	63-2	2.30	2.28	2.40	2.33	2.78	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				117		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	56-2	109.61	110.95	114.90	111.82	2.46	ppb
Iron	57-2	119.83	116.66	114.00	116.83	2.50	ppb
Lead	206-1	0.04	0.04	0.04	0.04	3.48	ppb
Lead	207-1	0.02	0.03	0.03	0.03	15.34	ppb
Lead	208-1	0.03	0.03	0.04	0.03	4.38	ppb
Lithium	6-1				100		%
Magnesium	24-2	44510.63	44219.85	46661.84	45130.78	2.96	ppb
Manganese	55-2	7744.84	7638.13	7787.17	7723.38	0.99	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-06	Instrumnet Name :	P8
Client Sample ID :	MBDYX8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:54:45	DataFile Name :	060SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.69	0.85	0.80	0.78	10.46	ppb
Molybdenum	95-1	1.16	1.15	1.23	1.18	3.51	ppb
Molybdenum	96-1	1.09	1.01	1.09	1.06	4.24	ppb
Molybdenum	97-1	1.10	1.14	1.03	1.09	4.77	ppb
Molybdenum	98-1	1.10	1.15	1.15	1.14	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.00	1.68	1.94	1.87	9.20	ppb
Phosphorus	31-2	55.69	76.79	11.81	48.10	68.92	ppb
Potassium	39-2	2228.62	2196.05	2205.41	2210.03	0.76	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				93		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	0.26	0.26	1.03	0.52	85.86	ppb
Selenium	82-1	-1.37	-1.54	-0.36	-1.09		ppb
Silicon	28-1	14789.75	15035.43	14755.57	14860.25	1.03	ppb
Silver	109-1	1.32	1.37	1.33	1.34	2.07	ppb
Silver	107-1	1.40	1.33	1.25	1.33	5.64	ppb
Sodium	23-2	53474.56	53256.55	54308.31	53679.81	1.03	ppb
Strontium	86-1	221.97	221.49	222.46	221.97	0.22	ppb
Strontium	88-1	227.66	226.25	227.59	227.17	0.35	ppb
Sulfur	34-1	8438.62	9006.80	8566.58	8670.66	3.44	ppb
Terbium	159-1				117		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.02	0.01	0.01	12.17	ppb
Thallium	205-1	0.00	0.02	0.00	0.01	117.96	ppb
Tin	118-1	0.06	0.06	0.02	0.05	47.60	ppb
Titanium	47-1	0.71	0.72	0.67	0.70	4.08	ppb
Uranium	238-1	1.09	1.13	1.13	1.12	2.47	ppb
Vanadium	51-2	2.35	2.31	2.29	2.32	1.22	ppb
Yttrium	89-1				110		%
Yttrium	89-2				98		%
Zinc	66-2	3.83	3.73	4.41	3.99	9.13	ppb
Zirconium	90-1	0.03	0.03	0.02	0.02	34.12	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-06	Instrumnet Name :	P8
Client Sample ID :	MBDYX8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:54:45	DataFile Name :	060SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.05	0.04	14.53	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-07	Instrumnet Name :	P8
Client Sample ID :	MBDYY9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:57:50	DataFile Name :	061SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.39	16.85	12.18	17.14	29.83	ppb
Antimony	121-1	0.14	0.12	0.12	0.13	9.13	ppb
Arsenic	75-2	0.48	0.31	0.55	0.45	28.25	ppb
Barium	135-1	37.46	37.56	38.53	37.85	1.57	ppb
Barium	137-1	37.75	36.98	38.76	37.83	2.35	ppb
Beryllium	9-1	0.10	0.11	0.09	0.10	12.10	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	10-1	1952.68	1992.12	1999.11	1981.30	1.26	ppb
Boron	11-1	1968.94	2040.78	2041.87	2017.20	2.07	ppb
Cadmium	111-1	-0.02	-0.04	-0.13	-0.06		ppb
Cadmium	106-1	-0.95	-1.36	-2.29	-1.53		ppb
Cadmium	108-1	0.09	0.02	0.06	0.05	58.09	ppb
Calcium	43-1	116475.15	115691.55	115810.05	115992.25	0.36	ppb
Calcium	44-1	113947.97	113243.18	113589.94	113593.70	0.31	ppb
Chromium	52-2	0.29	0.29	0.34	0.30	9.75	ppb
Cobalt	59-2	1.94	2.04	2.16	2.05	5.39	ppb
Copper	63-2	3.08	3.13	3.14	3.12	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				98		%
Iron	56-2	105.61	109.98	110.54	108.71	2.49	ppb
Iron	57-2	102.62	103.81	115.08	107.17	6.42	ppb
Lead	206-1	0.05	0.04	0.05	0.05	14.08	ppb
Lead	207-1	0.04	0.04	0.04	0.04	4.07	ppb
Lead	208-1	0.05	0.04	0.05	0.04	7.84	ppb
Lithium	6-1				99		%
Magnesium	24-2	46305.04	48166.61	48737.33	47736.33	2.66	ppb
Manganese	55-2	7948.13	8195.20	8155.18	8099.51	1.64	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-07	Instrumnet Name :	P8
Client Sample ID :	MBDYY9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:57:50	DataFile Name :	061SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.92	0.84	0.80	0.85	6.92	ppb
Molybdenum	95-1	1.19	1.21	1.25	1.22	2.63	ppb
Molybdenum	96-1	0.99	1.23	1.11	1.11	11.15	ppb
Molybdenum	97-1	1.16	1.14	1.01	1.10	6.95	ppb
Molybdenum	98-1	1.20	1.13	1.06	1.13	6.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.06	2.16	2.14	2.12	2.60	ppb
Phosphorus	31-2	32.95	79.32	79.77	64.01	42.03	ppb
Potassium	39-2	2239.65	2302.40	2455.17	2332.41	4.75	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				92		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	-0.50	1.07	-0.50	0.02	4490.78	ppb
Selenium	82-1	-0.90	0.00	-0.65	-0.51		ppb
Silicon	28-1	15698.65	15496.62	15824.80	15673.36	1.06	ppb
Silver	109-1	1.14	1.11	1.13	1.12	1.38	ppb
Silver	107-1	1.11	1.10	1.11	1.10	0.78	ppb
Sodium	23-2	54372.60	56507.92	57058.83	55979.79	2.53	ppb
Strontium	86-1	229.12	232.74	230.07	230.64	0.81	ppb
Strontium	88-1	236.23	237.42	235.76	236.47	0.36	ppb
Sulfur	34-1	9672.72	9493.37	9901.02	9689.03	2.11	ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.00	0.01	0.01	49.17	ppb
Thallium	205-1	0.00	0.01	0.01	0.00	77.17	ppb
Tin	118-1	0.05	0.03	0.06	0.05	29.71	ppb
Titanium	47-1	0.69	0.75	0.60	0.68	11.24	ppb
Uranium	238-1	1.23	1.24	1.21	1.23	1.08	ppb
Vanadium	51-2	2.47	2.47	2.37	2.44	2.30	ppb
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	5.17	4.48	4.81	4.82	7.11	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	9.59	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-07	Instrumnet Name :	P8
Client Sample ID :	MBDYY9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:57:50	DataFile Name :	061SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.03	0.04	27.53	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-08	Instrumnet Name :	P8
Client Sample ID :	MBDYZ7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:00:55	DataFile Name :	062SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.07	-0.49	2.58	2.05	113.30	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	29.18	ppb
Arsenic	75-2	-0.04	-0.02	-0.04	-0.04		ppb
Barium	135-1	0.13	0.21	0.13	0.16	31.00	ppb
Barium	137-1	0.14	0.19	0.12	0.15	23.75	ppb
Beryllium	9-1	-0.01	0.05	0.01	0.02	166.55	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Boron	10-1	126.88	123.71	118.94	123.18	3.24	ppb
Boron	11-1	127.42	118.92	110.49	118.94	7.12	ppb
Cadmium	111-1	-0.08	-0.17	-0.17	-0.14		ppb
Cadmium	106-1	-1.12	-2.13	-2.33	-1.86		ppb
Cadmium	108-1	-0.04	0.23	-0.01	0.06	245.05	ppb
Calcium	43-1	-19.30	-18.53	-38.18	-25.34		ppb
Calcium	44-1	-5.63	-4.57	-3.54	-4.58		ppb
Chromium	52-2	-0.03	0.00	0.01	-0.01		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.10	0.04	0.10	0.08	43.44	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				113		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	56-2	1.66	1.20	1.72	1.53	18.59	ppb
Iron	57-2	-0.27	0.62	2.92	1.09	151.18	ppb
Lead	206-1	0.55	0.59	0.58	0.58	3.66	ppb
Lead	207-1	0.53	0.53	0.56	0.54	2.57	ppb
Lead	208-1	0.55	0.55	0.57	0.56	2.08	ppb
Lithium	6-1				98		%
Magnesium	24-2	-21.88	-15.20	-10.89	-15.99		ppb
Manganese	55-2	0.32	0.58	0.40	0.43	30.51	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-08	Instrumnet Name :	P8
Client Sample ID :	MBDYZ7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:00:55	DataFile Name :	062SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.03	-0.01	-0.02		ppb
Molybdenum	95-1	0.00	0.01	0.00	0.01	55.15	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.02	0.02	0.00	0.01	116.48	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	162.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.15	-0.24	-0.21		ppb
Phosphorus	31-2	32.82	32.78	11.29	25.63	48.44	ppb
Potassium	39-2	-39.30	-14.90	-12.82	-22.34		ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	-0.50	0.26	-0.50	-0.25		ppb
Selenium	82-1	-0.53	-0.50	-1.05	-0.69		ppb
Silicon	28-1	-49.40	-49.93	-49.06	-49.46		ppb
Silver	109-1	0.14	0.14	0.14	0.14	1.11	ppb
Silver	107-1	0.17	0.12	0.12	0.14	22.19	ppb
Sodium	23-2	-27.47	-33.54	-16.98	-25.99		ppb
Strontium	86-1	0.00	0.03	-0.01	0.01	310.43	ppb
Strontium	88-1	0.02	0.03	0.01	0.02	29.42	ppb
Sulfur	34-1	-3223.77	-3260.88	-2923.83	-3136.16		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	0.00	-0.01	-0.01		ppb
Tin	118-1	-0.09	-0.08	-0.10	-0.09		ppb
Titanium	47-1	0.00	-0.10	-0.01	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	37.01	ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%
Zinc	66-2	0.38	0.49	0.74	0.53	34.08	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-08	Instrumnet Name :	P8
Client Sample ID :	MBDYZ7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:00:55	DataFile Name :	062SMPL_P8121817MS.

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

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-09	Instrumnet Name :	P8
Client Sample ID :	MBDYX2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:04:03	DataFile Name :	063SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	224.49	231.35	206.38	220.74	5.84	ppb
Antimony	121-1	0.19	0.19	0.19	0.19	1.95	ppb
Arsenic	75-2	0.55	0.63	0.56	0.58	7.38	ppb
Barium	135-1	43.89	42.66	43.43	43.33	1.44	ppb
Barium	137-1	43.97	44.25	43.57	43.93	0.77	ppb
Beryllium	9-1	0.12	0.03	0.12	0.09	55.34	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	1824.94	1829.91	1916.96	1857.27	2.79	ppb
Boron	11-1	1806.19	1812.90	1888.90	1836.00	2.50	ppb
Cadmium	111-1	-0.13	-0.11	-0.04	-0.09		ppb
Cadmium	106-1	-2.31	-2.36	-1.25	-1.97		ppb
Cadmium	108-1	0.19	0.09	0.09	0.12	45.10	ppb
Calcium	43-1	122760.49	120612.31	119240.40	120871.07	1.47	ppb
Calcium	44-1	118711.17	118115.52	117935.79	118254.16	0.34	ppb
Chromium	52-2	0.81	0.79	0.69	0.76	8.57	ppb
Cobalt	59-2	2.67	2.82	2.86	2.78	3.46	ppb
Copper	63-2	1.45	1.51	1.53	1.49	2.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	56-2	523.50	523.36	525.41	524.09	0.22	ppb
Iron	57-2	517.12	523.17	532.53	524.28	1.48	ppb
Lead	206-1	0.18	0.15	0.19	0.17	13.68	ppb
Lead	207-1	0.20	0.17	0.16	0.18	11.24	ppb
Lead	208-1	0.18	0.16	0.16	0.17	5.01	ppb
Lithium	6-1				98		%
Magnesium	24-2	50210.46	49859.03	49416.41	49828.63	0.80	ppb
Manganese	55-2	7942.09	7818.01	7944.40	7901.50	0.92	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-09	Instrumnet Name :	P8
Client Sample ID :	MBDYX2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:04:03	DataFile Name :	063SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.60	1.49	1.60	1.56	4.06	ppb
Molybdenum	95-1	1.89	1.95	2.00	1.95	2.89	ppb
Molybdenum	96-1	1.89	1.86	1.91	1.89	1.33	ppb
Molybdenum	97-1	1.94	1.85	1.93	1.91	2.54	ppb
Molybdenum	98-1	1.82	1.91	1.94	1.89	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.57	2.37	2.73	2.56	6.99	ppb
Phosphorus	31-2	35.27	81.88	12.48	43.21	81.86	ppb
Potassium	39-2	2058.12	2037.53	1994.73	2030.13	1.59	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				89		%
Selenium	77-2	3.38	13.21	-1.55	5.01	149.84	ppb
Selenium	78-2	-0.50	0.29	0.30	0.03	1573.94	ppb
Selenium	82-1	-0.53	-0.28	-0.39	-0.40		ppb
Silicon	28-1	15496.55	15385.82	15381.31	15421.23	0.42	ppb
Silver	109-1	0.96	1.00	1.02	0.99	2.77	ppb
Silver	107-1	0.95	0.98	0.96	0.96	1.28	ppb
Sodium	23-2	48870.90	49159.73	48184.36	48738.33	1.03	ppb
Strontium	86-1	208.32	205.37	209.08	207.59	0.94	ppb
Strontium	88-1	212.70	212.80	214.30	213.27	0.42	ppb
Sulfur	34-1	10144.56	10213.85	10082.52	10146.98	0.65	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.02	0.02	17.92	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	8.34	ppb
Tin	118-1	0.06	0.07	0.06	0.06	13.29	ppb
Titanium	47-1	8.77	9.65	8.68	9.03	5.96	ppb
Uranium	238-1	1.34	1.36	1.30	1.33	2.11	ppb
Vanadium	51-2	2.73	2.85	3.10	2.90	6.47	ppb
Yttrium	89-1				106		%
Yttrium	89-2				94		%
Zinc	66-2	3.61	3.90	3.26	3.59	8.92	ppb
Zirconium	90-1	0.16	0.17	0.19	0.17	8.48	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-09	Instrumnet Name :	P8
Client Sample ID :	MBDYX2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:04:03	DataFile Name :	063SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.55	0.13	0.23	0.30	70.31	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-10	Instrumnet Name :	P8
Client Sample ID :	MBDYX6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:07:07	DataFile Name :	064SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90.17	79.12	90.99	86.76	7.64	ppb
Antimony	121-1	0.19	0.16	0.18	0.18	8.93	ppb
Arsenic	75-2	0.50	0.39	0.50	0.46	12.81	ppb
Barium	135-1	36.02	35.86	36.62	36.16	1.11	ppb
Barium	137-1	36.96	36.90	36.29	36.72	1.02	ppb
Beryllium	9-1	-0.01	0.02	0.00	0.01	302.67	ppb
Bismuth	209-1				112		%
Bismuth	209-2				101		%
Boron	10-1	1752.19	1813.18	1816.60	1793.99	2.02	ppb
Boron	11-1	1731.63	1769.26	1797.37	1766.09	1.87	ppb
Cadmium	111-1	0.04	0.08	-0.08	0.02	550.63	ppb
Cadmium	106-1	-0.89	-1.04	-2.69	-1.54		ppb
Cadmium	108-1	0.29	0.16	0.02	0.16	84.63	ppb
Calcium	43-1	131087.10	129554.85	130493.93	130378.63	0.59	ppb
Calcium	44-1	127803.50	127345.17	127537.03	127561.90	0.18	ppb
Chromium	52-2	1.23	1.07	1.21	1.17	7.25	ppb
Cobalt	59-2	1.89	1.80	1.76	1.82	3.59	ppb
Copper	63-2	1.90	1.67	1.81	1.79	6.42	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				113		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	56-2	243.39	238.93	231.33	237.88	2.56	ppb
Iron	57-2	240.35	244.29	224.14	236.26	4.52	ppb
Lead	206-1	0.23	0.21	0.25	0.23	7.80	ppb
Lead	207-1	0.18	0.18	0.20	0.19	4.94	ppb
Lead	208-1	0.21	0.20	0.22	0.21	5.34	ppb
Lithium	6-1				97		%
Magnesium	24-2	53283.50	52574.96	52258.28	52705.58	1.00	ppb
Manganese	55-2	4960.07	4975.31	4900.84	4945.41	0.80	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-10	Instrumnet Name :	P8
Client Sample ID :	MBDYX6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:07:07	DataFile Name :	064SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.95	0.95	1.02	0.98	4.17	ppb
Molybdenum	95-1	1.24	1.19	1.32	1.25	5.50	ppb
Molybdenum	96-1	1.28	1.23	1.29	1.26	2.45	ppb
Molybdenum	97-1	1.46	1.34	1.37	1.39	4.45	ppb
Molybdenum	98-1	1.31	1.15	1.32	1.26	7.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.91	3.26	3.60	3.59	9.17	ppb
Phosphorus	31-2	-10.55	-10.55	36.03	4.98	540.11	ppb
Potassium	39-2	2140.47	2088.20	2097.60	2108.76	1.32	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				88		%
Selenium	77-2	3.44	3.42	-1.55	1.77	162.08	ppb
Selenium	78-2	-0.50	0.30	-0.50	-0.24		ppb
Selenium	82-1	-0.51	0.21	-0.64	-0.31		ppb
Silicon	28-1	15451.38	15278.70	15246.89	15325.65	0.72	ppb
Silver	109-1	0.90	0.93	0.85	0.90	4.58	ppb
Silver	107-1	0.93	0.89	0.85	0.89	4.75	ppb
Sodium	23-2	60750.50	60581.15	59514.97	60282.21	1.11	ppb
Strontium	86-1	226.03	224.65	223.02	224.57	0.67	ppb
Strontium	88-1	231.79	229.71	230.65	230.72	0.45	ppb
Sulfur	34-1	10683.35	10795.58	10639.73	10706.22	0.75	ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.03	0.02	0.02	36.90	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	43.33	ppb
Tin	118-1	0.03	0.05	0.06	0.05	35.47	ppb
Titanium	47-1	3.12	5.38	3.41	3.97	30.91	ppb
Uranium	238-1	1.32	1.32	1.37	1.34	2.11	ppb
Vanadium	51-2	3.36	3.55	3.55	3.49	3.10	ppb
Yttrium	89-1				106		%
Yttrium	89-2				94		%
Zinc	66-2	15.12	15.21	16.22	15.52	3.93	ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	1.15	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-10	Instrumnet Name :	P8
Client Sample ID :	MBDYX6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:07:07	DataFile Name :	064SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.08	0.11	0.10	14.71	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-11	Instrumnet Name :	P8
Client Sample ID :	MBDYX4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:10:16	DataFile Name :	065SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	133.17	117.41	129.21	126.60	6.47	ppb
Antimony	121-1	0.22	0.17	0.18	0.19	11.55	ppb
Arsenic	75-2	0.49	0.38	0.36	0.41	17.77	ppb
Barium	135-1	28.81	28.55	27.50	28.28	2.44	ppb
Barium	137-1	28.67	29.09	28.80	28.85	0.75	ppb
Beryllium	9-1	0.02	0.04	0.00	0.02	111.28	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Boron	10-1	916.64	933.19	945.11	931.65	1.54	ppb
Boron	11-1	935.71	933.26	952.39	940.46	1.11	ppb
Cadmium	111-1	-0.14	-0.09	-0.09	-0.11		ppb
Cadmium	106-1	-2.32	-1.85	-1.45	-1.87		ppb
Cadmium	108-1	0.02	-0.07	0.19	0.05	287.16	ppb
Calcium	43-1	113385.61	111431.62	113323.40	112713.54	0.99	ppb
Calcium	44-1	110339.57	110788.14	111959.67	111029.12	0.75	ppb
Chromium	52-2	0.48	0.36	0.47	0.44	15.66	ppb
Cobalt	59-2	1.38	1.27	1.28	1.31	4.43	ppb
Copper	63-2	3.16	3.21	3.00	3.12	3.52	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				114		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	56-2	164.31	156.83	169.80	163.65	3.98	ppb
Iron	57-2	154.69	179.66	167.01	167.12	7.47	ppb
Lead	206-1	0.33	0.31	0.36	0.33	7.18	ppb
Lead	207-1	0.34	0.32	0.32	0.33	2.92	ppb
Lead	208-1	0.35	0.32	0.33	0.34	3.51	ppb
Lithium	6-1				98		%
Magnesium	24-2	40794.89	40676.46	40621.98	40697.78	0.22	ppb
Manganese	55-2	667.14	668.52	668.52	668.06	0.12	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-11	Instrumnet Name :	P8
Client Sample ID :	MBDYX4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:10:16	DataFile Name :	065SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.94	0.90	0.95	0.93	2.84	ppb
Molybdenum	95-1	1.17	1.11	1.09	1.12	3.67	ppb
Molybdenum	96-1	1.05	1.05	1.07	1.06	1.44	ppb
Molybdenum	97-1	1.04	1.07	1.04	1.05	1.82	ppb
Molybdenum	98-1	1.07	1.06	1.09	1.07	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.76	2.36	2.50	2.54	7.89	ppb
Phosphorus	31-2	82.40	-10.55	-10.55	20.44	262.59	ppb
Potassium	39-2	2504.73	2454.43	2608.64	2522.60	3.12	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				88		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	-0.50	0.30	1.92	0.57	215.79	ppb
Selenium	82-1	-0.59	-1.14	-0.49	-0.74		ppb
Silicon	28-1	13911.60	13899.32	14009.24	13940.05	0.43	ppb
Silver	109-1	0.85	0.83	0.82	0.83	1.92	ppb
Silver	107-1	0.84	0.85	0.87	0.85	1.94	ppb
Sodium	23-2	33352.44	33520.98	33585.19	33486.20	0.36	ppb
Strontium	86-1	188.34	187.35	186.47	187.39	0.50	ppb
Strontium	88-1	193.42	194.07	193.63	193.71	0.17	ppb
Sulfur	34-1	9189.84	9516.74	9673.60	9460.06	2.61	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.01	0.00	0.00	1101.55	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.10	0.11	0.11	0.11	2.58	ppb
Titanium	47-1	8.49	4.00	3.20	5.23	54.49	ppb
Uranium	238-1	1.06	1.04	1.07	1.06	1.62	ppb
Vanadium	51-2	3.64	3.66	3.66	3.65	0.29	ppb
Yttrium	89-1				106		%
Yttrium	89-2				94		%
Zinc	66-2	4.61	4.20	4.56	4.45	5.02	ppb
Zirconium	90-1	0.12	0.08	0.09	0.10	19.81	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-11	Instrumnet Name :	P8
Client Sample ID :	MBDYX4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:10:16	DataFile Name :	065SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.08	0.16	0.11	39.36	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:13:22	DataFile Name :	066SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.52	12.52	32.65	24.56	43.28	ppb
Antimony	121-1	0.20	0.19	0.21	0.20	4.82	ppb
Arsenic	75-2	0.46	0.28	0.60	0.45	36.42	ppb
Barium	135-1	17.90	17.56	18.21	17.89	1.81	ppb
Barium	137-1	17.86	17.72	17.99	17.86	0.75	ppb
Beryllium	9-1	0.01	0.03	0.07	0.04	72.05	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Boron	10-1	2209.67	2271.40	2322.29	2267.79	2.49	ppb
Boron	11-1	2230.75	2321.11	2378.30	2310.06	3.22	ppb
Cadmium	111-1	-0.20	-0.12	-0.07	-0.13		ppb
Cadmium	106-1	-2.73	-1.61	-1.02	-1.79		ppb
Cadmium	108-1	0.06	-0.04	0.16	0.06	169.87	ppb
Calcium	43-1	108654.89	106192.60	107895.79	107581.09	1.17	ppb
Calcium	44-1	106329.34	104567.22	104521.51	105139.36	0.98	ppb
Chromium	52-2	1.09	1.43	1.35	1.29	13.96	ppb
Cobalt	59-2	1.42	1.43	1.43	1.43	0.55	ppb
Copper	63-2	0.79	0.72	0.82	0.78	6.49	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				113		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				95		%
Iron	56-2	297.47	298.17	305.49	300.38	1.48	ppb
Iron	57-2	329.78	287.20	304.40	307.12	6.98	ppb
Lead	206-1	0.07	0.08	0.07	0.07	9.79	ppb
Lead	207-1	0.06	0.07	0.05	0.06	17.37	ppb
Lead	208-1	0.06	0.07	0.07	0.07	7.95	ppb
Lithium	6-1				98		%
Magnesium	24-2	40722.04	41370.14	41920.95	41337.71	1.45	ppb
Manganese	55-2	1566.09	1559.16	1594.99	1573.42	1.21	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:13:22	DataFile Name :	066SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.94	0.98	0.92	0.95	2.85	ppb
Molybdenum	95-1	1.24	1.31	1.21	1.25	4.34	ppb
Molybdenum	96-1	1.26	1.31	1.27	1.28	1.94	ppb
Molybdenum	97-1	1.21	1.16	1.26	1.21	4.00	ppb
Molybdenum	98-1	1.35	1.29	1.29	1.31	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	2.00	2.25	2.05	8.36	ppb
Phosphorus	31-2	35.40	-10.55	-10.55	4.77	556.20	ppb
Potassium	39-2	1569.29	1566.98	1627.28	1587.85	2.15	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				88		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	0.31	1.92	-0.50	0.58	214.41	ppb
Selenium	82-1	-1.65	-0.28	-0.80	-0.91		ppb
Silicon	28-1	13784.53	13715.50	13756.09	13752.04	0.25	ppb
Silver	109-1	0.80	0.81	0.89	0.83	6.30	ppb
Silver	107-1	0.77	0.88	0.89	0.85	8.11	ppb
Sodium	23-2	27333.59	27458.24	27815.04	27535.63	0.91	ppb
Strontium	86-1	171.38	175.67	174.49	173.85	1.28	ppb
Strontium	88-1	177.32	178.87	178.47	178.22	0.45	ppb
Sulfur	34-1	11154.42	10784.50	11094.83	11011.25	1.80	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.07	0.09	0.05	0.07	25.75	ppb
Titanium	47-1	1.40	1.49	1.50	1.46	3.76	ppb
Uranium	238-1	1.24	1.25	1.25	1.24	0.48	ppb
Vanadium	51-2	0.83	0.94	1.03	0.93	11.11	ppb
Yttrium	89-1				105		%
Yttrium	89-2				93		%
Zinc	66-2	1.55	1.73	1.36	1.55	12.12	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	36.01	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:13:22	DataFile Name :	066SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.03	0.04	17.46	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-13	Instrumnet Name :	P8
Client Sample ID :	MBDYW7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:16:29	DataFile Name :	067SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	692.95	738.12	709.14	713.40	3.21	ppb
Antimony	121-1	0.20	0.21	0.20	0.20	3.33	ppb
Arsenic	75-2	0.72	0.78	0.94	0.81	14.02	ppb
Barium	135-1	79.72	80.55	77.55	79.27	1.95	ppb
Barium	137-1	80.73	81.07	80.20	80.67	0.55	ppb
Beryllium	9-1	0.05	0.04	0.02	0.04	33.05	ppb
Bismuth	209-1				112		%
Bismuth	209-2				100		%
Boron	10-1	407.36	406.13	397.33	403.61	1.36	ppb
Boron	11-1	401.47	408.53	400.03	403.35	1.13	ppb
Cadmium	111-1	0.15	0.18	0.14	0.15	13.85	ppb
Cadmium	106-1	-0.04	-0.45	-0.72	-0.40		ppb
Cadmium	108-1	0.29	0.19	0.19	0.22	25.82	ppb
Calcium	43-1	229468.52	233823.26	229791.27	231027.68	1.05	ppb
Calcium	44-1	226957.69	231585.35	224694.26	227745.76	1.54	ppb
Chromium	52-2	1.86	1.98	2.06	1.97	5.33	ppb
Cobalt	59-2	2.81	3.22	2.92	2.98	7.03	ppb
Copper	63-2	3.53	3.59	3.46	3.53	1.88	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				104		%
Indium	115-1				107		%
Indium	115-2				94		%
Iron	56-2	1147.77	1178.33	1167.98	1164.69	1.33	ppb
Iron	57-2	1150.23	1184.12	1160.31	1164.89	1.49	ppb
Lead	206-1	0.54	0.59	0.54	0.56	5.61	ppb
Lead	207-1	0.48	0.51	0.50	0.50	3.15	ppb
Lead	208-1	0.51	0.53	0.52	0.52	2.25	ppb
Lithium	6-1				98		%
Magnesium	24-2	82803.34	85226.44	84451.34	84160.37	1.47	ppb
Manganese	55-2	7304.78	7514.31	7411.83	7410.31	1.41	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-13	Instrumnet Name :	P8
Client Sample ID :	MBDYW7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:16:29	DataFile Name :	067SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.68	2.89	2.83	2.80	3.92	ppb
Molybdenum	95-1	3.78	3.47	3.55	3.60	4.49	ppb
Molybdenum	96-1	3.50	3.44	3.44	3.46	0.98	ppb
Molybdenum	97-1	3.60	3.61	3.41	3.54	3.23	ppb
Molybdenum	98-1	3.61	3.48	3.51	3.54	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.90	4.49	4.47	4.62	5.30	ppb
Phosphorus	31-2	35.22	60.10	35.75	43.69	32.54	ppb
Potassium	39-2	3106.54	3110.31	3174.73	3130.53	1.22	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				89		%
Selenium	77-2	-1.55	13.57	8.49	6.84	112.50	ppb
Selenium	78-2	0.30	4.38	0.31	1.66	141.50	ppb
Selenium	82-1	-0.92	-0.43	-0.75	-0.70		ppb
Silicon	28-1	17479.38	17589.02	17407.28	17491.89	0.52	ppb
Silver	109-1	0.93	0.95	0.98	0.95	2.86	ppb
Silver	107-1	0.95	0.96	0.93	0.95	1.56	ppb
Sodium	23-2	53005.15	53799.97	53077.97	53294.36	0.82	ppb
Strontium	86-1	513.67	519.03	516.34	516.35	0.52	ppb
Strontium	88-1	521.13	526.22	523.76	523.70	0.49	ppb
Sulfur	34-1	1509.33	2051.44	1627.59	1729.45	16.48	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.03	0.01	0.01	97.83	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	13.95	ppb
Tin	118-1	0.05	0.08	0.02	0.05	58.45	ppb
Titanium	47-1	41.25	41.28	39.85	40.79	2.00	ppb
Uranium	238-1	1.89	1.91	1.88	1.90	0.71	ppb
Vanadium	51-2	5.50	5.92	6.24	5.89	6.29	ppb
Yttrium	89-1				107		%
Yttrium	89-2				93		%
Zinc	66-2	7.79	8.14	7.62	7.85	3.34	ppb
Zirconium	90-1	0.30	0.27	0.30	0.29	5.34	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-13	Instrumnet Name :	P8
Client Sample ID :	MBDYW7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:16:29	DataFile Name :	067SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.30	0.33	0.32	5.72	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:19:34	DataFile Name :	068SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.05	16.14	16.12	16.10	0.31	ppb
Antimony	121-1	0.13	0.15	0.14	0.14	6.12	ppb
Arsenic	75-2	0.28	0.36	0.14	0.26	43.29	ppb
Barium	135-1	35.28	34.53	35.55	35.12	1.49	ppb
Barium	137-1	35.92	34.49	35.50	35.30	2.08	ppb
Beryllium	9-1	-0.01	-0.01	0.03	0.00	452.52	ppb
Bismuth	209-1				114		%
Bismuth	209-2				103		%
Boron	10-1	408.33	396.48	403.79	402.87	1.48	ppb
Boron	11-1	411.16	398.70	407.95	405.94	1.59	ppb
Cadmium	111-1	-0.18	-0.13	-0.06	-0.12		ppb
Cadmium	106-1	-3.13	-2.67	-2.06	-2.62		ppb
Cadmium	108-1	0.15	0.12	-0.01	0.09	96.38	ppb
Calcium	43-1	79182.11	77184.86	77960.93	78109.30	1.29	ppb
Calcium	44-1	76749.73	76400.34	76044.40	76398.16	0.46	ppb
Chromium	52-2	2.16	2.61	2.43	2.40	9.51	ppb
Cobalt	59-2	3.61	3.63	3.49	3.58	2.06	ppb
Copper	63-2	1.51	1.47	1.39	1.46	4.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				95		%
Iron	56-2	136.19	116.54	117.50	123.41	8.98	ppb
Iron	57-2	125.19	124.45	115.47	121.70	4.45	ppb
Lead	206-1	0.08	0.12	0.09	0.10	19.79	ppb
Lead	207-1	0.07	0.10	0.12	0.09	28.07	ppb
Lead	208-1	0.09	0.10	0.10	0.10	6.31	ppb
Lithium	6-1				98		%
Magnesium	24-2	33964.58	34134.03	33992.99	34030.53	0.27	ppb
Manganese	55-2	243.65	241.58	241.17	242.13	0.55	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:19:34	DataFile Name :	068SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.49	0.47	0.51	0.49	3.76	ppb
Molybdenum	95-1	0.75	0.56	0.70	0.67	14.44	ppb
Molybdenum	96-1	0.68	0.63	0.61	0.64	5.22	ppb
Molybdenum	97-1	0.65	0.68	0.57	0.63	8.51	ppb
Molybdenum	98-1	0.66	0.61	0.69	0.66	5.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.19	3.96	3.73	3.96	5.81	ppb
Phosphorus	31-2	-10.55	-10.55	84.20	21.04	260.05	ppb
Potassium	39-2	2007.20	2019.73	2096.90	2041.28	2.38	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				87		%
Selenium	77-2	3.49	-1.55	-1.55	0.13	2188.59	ppb
Selenium	78-2	-0.50	0.32	1.13	0.31	260.60	ppb
Selenium	82-1	-1.12	-0.38	-0.72	-0.74		ppb
Silicon	28-1	16614.30	16469.80	16219.30	16434.47	1.22	ppb
Silver	109-1	0.82	0.77	0.80	0.80	3.29	ppb
Silver	107-1	0.83	0.85	0.84	0.84	0.82	ppb
Sodium	23-2	34178.07	34427.79	34140.02	34248.63	0.46	ppb
Strontium	86-1	114.83	115.68	115.39	115.30	0.38	ppb
Strontium	88-1	120.73	120.60	117.55	119.63	1.51	ppb
Sulfur	34-1	6024.53	5973.18	5820.67	5939.46	1.79	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.00	0.01	0.00	184.00	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	18.62	ppb
Tin	118-1	0.03	0.01	-0.01	0.01	197.84	ppb
Titanium	47-1	0.75	0.90	0.69	0.78	14.03	ppb
Uranium	238-1	0.19	0.20	0.20	0.20	4.42	ppb
Vanadium	51-2	2.84	2.87	2.96	2.89	2.22	ppb
Yttrium	89-1				105		%
Yttrium	89-2				92		%
Zinc	66-2	6.81	7.55	7.31	7.22	5.25	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	251.59	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:19:34	DataFile Name :	068SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.03	0.02	0.02	72.43	ppb

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-17 Instrumnet Name : P8
 Client Sample ID : MBDYX3 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 18:22:40 DataFile Name : 069SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6193.98	5974.00	6118.72	6095.57	1.83	ppb
Antimony	121-1	0.25	0.25	0.22	0.24	5.72	ppb
Arsenic	75-2	3.07	2.76	2.92	2.92	5.44	ppb
Barium	135-1	108.59	111.04	109.72	109.78	1.12	ppb
Barium	137-1	111.13	111.97	110.24	111.11	0.78	ppb
Beryllium	9-1	0.40	0.39	0.46	0.42	9.25	ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	10-1	191.33	194.04	181.40	188.92	3.52	ppb
Boron	11-1	189.81	189.86	190.34	190.00	0.16	ppb
Cadmium	111-1	-0.02	0.01	0.10	0.03	207.69	ppb
Cadmium	106-1	-1.68	-1.07	-0.55	-1.10		ppb
Cadmium	108-1	0.35	0.35	0.09	0.26	57.00	ppb
Calcium	43-1	53795.97	53371.46	53851.38	53672.94	0.49	ppb
Calcium	44-1	53906.35	53710.30	53327.65	53648.10	0.55	ppb
Chromium	52-2	12.23	12.55	11.79	12.19	3.12	ppb
Cobalt	59-2	7.97	8.25	8.50	8.24	3.24	ppb
Copper	63-2	13.29	13.66	13.47	13.47	1.40	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				103		%
Indium	115-1				108		%
Indium	115-2				94		%
Iron	56-2	8987.48	8772.73	8794.30	8851.50	1.34	ppb
Iron	57-2	8607.50	8471.20	8686.60	8588.43	1.27	ppb
Lead	206-1	5.11	5.10	5.14	5.12	0.48	ppb
Lead	207-1	4.55	4.62	4.55	4.57	0.85	ppb
Lead	208-1	4.85	4.84	4.88	4.86	0.41	ppb
Lithium	6-1				97		%
Magnesium	24-2	16228.96	16138.31	16240.84	16202.70	0.35	ppb
Manganese	55-2	2237.73	2230.63	2237.60	2235.32	0.18	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-17	Instrumnet Name :	P8
Client Sample ID :	MBDYX3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:22:40	DataFile Name :	069SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.68	1.97	1.79	1.81	8.20	ppb
Molybdenum	95-1	0.38	0.33	0.32	0.34	8.43	ppb
Molybdenum	96-1	0.63	0.56	0.58	0.59	5.99	ppb
Molybdenum	97-1	0.34	0.31	0.32	0.32	4.12	ppb
Molybdenum	98-1	0.36	0.39	0.39	0.38	4.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.20	8.92	9.18	9.10	1.70	ppb
Phosphorus	31-2	649.83	367.78	321.75	446.45	39.79	ppb
Potassium	39-2	2148.57	2176.20	2238.05	2187.61	2.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				87		%
Selenium	77-2	27.88	37.92	33.08	32.96	15.22	ppb
Selenium	78-2	3.46	1.09	5.90	3.48	69.01	ppb
Selenium	82-1	-0.85	-0.69	-0.92	-0.82		ppb
Silicon	28-1	11509.57	11411.58	11478.58	11466.58	0.44	ppb
Silver	109-1	1.06	1.05	1.06	1.06	0.35	ppb
Silver	107-1	1.00	1.10	1.09	1.06	5.16	ppb
Sodium	23-2	136118.22	136037.28	135832.26	135995.92	0.11	ppb
Strontium	86-1	226.63	229.43	224.96	227.01	0.99	ppb
Strontium	88-1	233.86	237.14	232.38	234.46	1.04	ppb
Sulfur	34-1	-414.04	-528.30	-633.79	-525.38		ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.02	0.03	0.02	29.49	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.38	ppb
Tin	118-1	0.14	0.15	0.12	0.14	9.36	ppb
Titanium	47-1	217.10	220.22	224.80	220.71	1.76	ppb
Uranium	238-1	1.30	1.27	1.29	1.28	1.13	ppb
Vanadium	51-2	16.20	17.31	16.68	16.73	3.33	ppb
Yttrium	89-1				109		%
Yttrium	89-2				95		%
Zinc	66-2	21.01	20.98	21.26	21.08	0.74	ppb
Zirconium	90-1	1.07	1.17	1.10	1.11	4.45	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-17	Instrumnet Name :	P8
Client Sample ID :	MBDYX3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:22:40	DataFile Name :	069SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.03	1.06	1.06	1.05	1.52	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-18	Instrumnet Name :	P8
Client Sample ID :	MBDYX5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:25:46	DataFile Name :	070SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7773.89	7835.13	7629.46	7746.16	1.36	ppb
Antimony	121-1	0.53	0.48	0.56	0.52	7.24	ppb
Arsenic	75-2	4.71	4.90	4.59	4.73	3.30	ppb
Barium	135-1	106.90	108.61	105.68	107.07	1.37	ppb
Barium	137-1	106.46	108.59	107.87	107.64	1.01	ppb
Beryllium	9-1	0.33	0.19	0.29	0.27	27.15	ppb
Bismuth	209-1				115		%
Bismuth	209-2				104		%
Boron	10-1	477.91	497.94	491.83	489.23	2.10	ppb
Boron	11-1	473.38	490.46	499.07	487.64	2.68	ppb
Cadmium	111-1	-0.01	0.08	0.02	0.03	156.95	ppb
Cadmium	106-1	-1.21	-0.23	-0.94	-0.80		ppb
Cadmium	108-1	0.31	0.28	0.21	0.27	19.37	ppb
Calcium	43-1	102515.95	102478.55	100467.51	101820.67	1.15	ppb
Calcium	44-1	100360.67	98157.08	99893.26	99470.34	1.17	ppb
Chromium	52-2	168.79	186.67	170.91	175.46	5.57	ppb
Cobalt	59-2	10.17	10.12	10.34	10.21	1.11	ppb
Copper	63-2	35.28	35.23	35.49	35.33	0.40	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				107		%
Indium	115-1				110		%
Indium	115-2				97		%
Iron	56-2	12235.39	11992.06	12111.60	12113.02	1.00	ppb
Iron	57-2	11850.02	11799.68	12024.08	11891.26	0.99	ppb
Lead	206-1	4.49	4.61	4.51	4.54	1.44	ppb
Lead	207-1	4.04	3.93	3.99	3.98	1.39	ppb
Lead	208-1	4.30	4.23	4.25	4.26	0.86	ppb
Lithium	6-1				97		%
Magnesium	24-2	37462.75	37016.71	37574.87	37351.44	0.79	ppb
Manganese	55-2	834.09	824.11	835.09	831.10	0.73	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-18	Instrumnet Name :	P8
Client Sample ID :	MBDYX5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:25:46	DataFile Name :	070SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	16.50	15.59	15.59	15.89	3.32	ppb
Molybdenum	95-1	20.25	19.73	20.37	20.12	1.70	ppb
Molybdenum	96-1	19.85	19.31	19.70	19.62	1.40	ppb
Molybdenum	97-1	22.35	20.32	19.67	20.78	6.74	ppb
Molybdenum	98-1	19.92	20.45	24.88	21.75	12.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.68	128.02	130.69	131.13	2.55	ppb
Phosphorus	31-2	721.12	647.55	681.99	683.56	5.39	ppb
Potassium	39-2	3857.17	3847.86	3694.78	3799.94	2.40	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				90		%
Selenium	77-2	22.61	27.23	12.89	20.91	34.99	ppb
Selenium	78-2	4.96	6.48	2.61	4.68	41.61	ppb
Selenium	82-1	-0.61	-0.08	-0.72	-0.47		ppb
Silicon	28-1	16765.78	16680.71	16699.84	16715.44	0.27	ppb
Silver	109-1	1.68	1.89	1.93	1.83	7.20	ppb
Silver	107-1	1.64	1.90	1.89	1.81	8.18	ppb
Sodium	23-2	91758.33	91127.61	92934.95	91940.30	1.00	ppb
Strontium	86-1	424.61	423.67	425.45	424.58	0.21	ppb
Strontium	88-1	429.30	425.94	430.02	428.42	0.51	ppb
Sulfur	34-1	11833.87	11420.38	11541.11	11598.46	1.83	ppb
Terbium	159-1				116		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.06	0.04	0.04	34.85	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	2.40	ppb
Tin	118-1	0.38	0.35	0.38	0.37	4.86	ppb
Titanium	47-1	293.89	294.56	299.32	295.92	1.00	ppb
Uranium	238-1	4.73	4.86	4.86	4.82	1.62	ppb
Vanadium	51-2	16.69	16.99	16.55	16.74	1.35	ppb
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	86.29	86.23	90.83	87.78	3.01	ppb
Zirconium	90-1	0.86	0.89	0.91	0.88	2.47	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-18	Instrumnet Name :	P8
Client Sample ID :	MBDYX5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:25:46	DataFile Name :	070SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.97	0.88	0.78	0.87	10.79	ppb

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-19 Instrumnet Name : P8
 Client Sample ID : MBDYZ8 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 18:28:52 DataFile Name : 071SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.33	10.52	12.02	9.96	24.04	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	57.90	ppb
Arsenic	75-2	-0.02	-0.02	0.00	-0.02		ppb
Barium	135-1	0.38	0.31	0.35	0.35	11.39	ppb
Barium	137-1	0.32	0.38	0.34	0.35	8.01	ppb
Beryllium	9-1	0.03	0.01	-0.03	0.00	1189.68	ppb
Bismuth	209-1				119		%
Bismuth	209-2				109		%
Boron	10-1	64.89	64.79	57.84	62.51	6.46	ppb
Boron	11-1	63.99	63.42	61.75	63.06	1.85	ppb
Cadmium	111-1	-0.08	-0.03	-0.09	-0.07		ppb
Cadmium	106-1	-1.13	-0.27	-1.01	-0.80		ppb
Cadmium	108-1	0.02	0.02	0.02	0.02	3.98	ppb
Calcium	43-1	49.28	50.52	42.29	47.36	9.37	ppb
Calcium	44-1	57.96	59.93	54.60	57.50	4.68	ppb
Chromium	52-2	0.03	0.06	0.01	0.03	70.94	ppb
Cobalt	59-2	0.02	0.02	0.01	0.01	46.42	ppb
Copper	63-2	0.13	0.16	0.16	0.15	12.10	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				117		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				101		%
Iron	56-2	14.65	15.44	13.91	14.66	5.21	ppb
Iron	57-2	13.22	15.17	17.38	15.26	13.63	ppb
Lead	206-1	0.03	0.03	0.02	0.03	22.34	ppb
Lead	207-1	0.02	0.00	0.02	0.01	68.05	ppb
Lead	208-1	0.02	0.02	0.02	0.02	11.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.52	0.03	6.68	2.74	127.30	ppb
Manganese	55-2	1.93	1.94	1.66	1.84	8.53	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-19	Instrumnet Name :	P8
Client Sample ID :	MBDYZ8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:28:52	DataFile Name :	071SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.02	-0.04	-0.02		ppb
Molybdenum	95-1	0.01	0.00	0.02	0.01	63.49	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	170.59	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.02	14.50	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.19	-0.03	-0.09		ppb
Phosphorus	31-2	34.06	-10.55	34.04	19.19	134.21	ppb
Potassium	39-2	-5.33	-37.49	-50.46	-31.09		ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				92		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	0.27	1.05	1.83	1.05	74.66	ppb
Selenium	82-1	-0.25	-0.51	-0.34	-0.37		ppb
Silicon	28-1	-46.05	-45.46	-46.17	-45.89		ppb
Silver	109-1	0.52	0.46	0.47	0.48	6.87	ppb
Silver	107-1	0.47	0.52	0.48	0.49	5.38	ppb
Sodium	23-2	-10.24	-19.17	-7.59	-12.33		ppb
Strontium	86-1	0.15	0.15	0.12	0.14	14.56	ppb
Strontium	88-1	0.16	0.16	0.16	0.16	1.26	ppb
Sulfur	34-1	-3699.25	-3446.20	-3485.49	-3543.64		ppb
Terbium	159-1				116		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	-0.11	-0.10	-0.08	-0.09		ppb
Titanium	47-1	0.13	0.13	0.03	0.10	57.77	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.04	0.00	0.03	72.35	ppb
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	0.86	0.51	0.61	0.66	27.54	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	24.37	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-19	Instrumnet Name :	P8
Client Sample ID :	MBDYZ8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:28:52	DataFile Name :	071SMPL_P8121817MS.

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

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-20	Instrumnet Name :	P8
Client Sample ID :	MBDYT3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:32:00	DataFile Name :	072SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	395.84	407.28	394.86	399.33	1.73	ppb
Antimony	121-1	0.15	0.15	0.15	0.15	2.30	ppb
Arsenic	75-2	0.14	0.24	0.20	0.19	26.70	ppb
Barium	135-1	16.15	16.05	16.80	16.33	2.50	ppb
Barium	137-1	16.44	17.13	16.80	16.79	2.05	ppb
Beryllium	9-1	0.01	0.01	0.04	0.02	67.08	ppb
Bismuth	209-1				120		%
Bismuth	209-2				107		%
Boron	10-1	94.50	98.26	91.47	94.75	3.59	ppb
Boron	11-1	93.80	96.00	95.75	95.18	1.26	ppb
Cadmium	111-1	-0.13	0.04	-0.07	-0.05		ppb
Cadmium	106-1	-2.20	-0.31	-1.64	-1.39		ppb
Cadmium	108-1	0.08	0.02	0.09	0.06	57.48	ppb
Calcium	43-1	27010.52	27033.38	26702.01	26915.30	0.69	ppb
Calcium	44-1	26948.04	27146.01	27013.93	27035.99	0.37	ppb
Chromium	52-2	4.38	3.75	3.80	3.98	8.79	ppb
Cobalt	59-2	0.56	0.58	0.53	0.56	4.13	ppb
Copper	63-2	8.08	7.78	7.52	7.79	3.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				97		%
Iron	56-2	685.82	672.80	659.19	672.60	1.98	ppb
Iron	57-2	702.03	678.55	670.05	683.55	2.42	ppb
Lead	206-1	0.49	0.47	0.54	0.50	7.55	ppb
Lead	207-1	0.41	0.45	0.44	0.43	4.33	ppb
Lead	208-1	0.46	0.46	0.47	0.46	1.33	ppb
Lithium	6-1				100		%
Magnesium	24-2	12545.28	12218.67	12255.63	12339.86	1.45	ppb
Manganese	55-2	41.07	42.44	41.77	41.76	1.64	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-20	Instrumnet Name :	P8
Client Sample ID :	MBDYT3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:32:00	DataFile Name :	072SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.45	0.58	0.57	0.53	13.34	ppb
Molybdenum	95-1	0.33	0.33	0.28	0.31	10.09	ppb
Molybdenum	96-1	0.35	0.35	0.38	0.36	4.51	ppb
Molybdenum	97-1	0.36	0.40	0.35	0.37	7.00	ppb
Molybdenum	98-1	0.29	0.32	0.32	0.31	5.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.95	2.93	2.62	2.83	6.57	ppb
Phosphorus	31-2	107.15	59.76	58.73	75.21	36.78	ppb
Potassium	39-2	1056.15	1078.54	1063.46	1066.05	1.07	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				88		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	-0.50	-0.50	0.30	-0.24		ppb
Selenium	82-1	-0.50	-0.66	0.36	-0.27		ppb
Silicon	28-1	16325.02	16392.84	16253.39	16323.75	0.43	ppb
Silver	109-1	0.88	0.87	0.88	0.88	0.87	ppb
Silver	107-1	0.90	0.86	0.87	0.88	2.33	ppb
Sodium	23-2	49091.20	48117.61	48220.90	48476.57	1.10	ppb
Strontium	86-1	45.72	46.66	46.43	46.27	1.06	ppb
Strontium	88-1	46.83	46.72	46.80	46.78	0.12	ppb
Sulfur	34-1	3973.46	4065.60	4024.50	4021.19	1.15	ppb
Terbium	159-1				116		%
Terbium	159-2				105		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.01	0.03	-0.02	0.01	499.31	ppb
Titanium	47-1	20.52	22.81	16.77	20.04	15.22	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.99	ppb
Vanadium	51-2	4.47	4.57	4.31	4.45	3.02	ppb
Yttrium	89-1				108		%
Yttrium	89-2				94		%
Zinc	66-2	14.36	13.84	15.06	14.42	4.26	ppb
Zirconium	90-1	0.21	0.19	0.20	0.20	5.26	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-20	Instrumnet Name :	P8
Client Sample ID :	MBDYT3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:32:00	DataFile Name :	072SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.25	0.31	0.25	24.85	ppb

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-21 Instrumnet Name : P8
 Client Sample ID : MBDYW4 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 18:35:07 DataFile Name : 073SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72.18	89.91	98.96	87.02	15.66	ppb
Antimony	121-1	0.25	0.27	0.26	0.26	3.77	ppb
Arsenic	75-2	0.23	0.19	0.20	0.21	10.74	ppb
Barium	135-1	60.12	62.61	61.34	61.36	2.03	ppb
Barium	137-1	61.25	62.26	62.57	62.03	1.11	ppb
Beryllium	9-1	0.05	0.00	-0.01	0.01	261.83	ppb
Bismuth	209-1				118		%
Bismuth	209-2				105		%
Boron	10-1	420.58	424.73	432.76	426.03	1.45	ppb
Boron	11-1	421.94	436.21	437.29	431.81	1.98	ppb
Cadmium	111-1	0.02	0.13	0.04	0.06	95.11	ppb
Cadmium	106-1	-1.79	-0.51	-1.80	-1.37		ppb
Cadmium	108-1	0.08	0.28	0.12	0.16	65.35	ppb
Calcium	43-1	68869.94	68874.58	68858.48	68867.67	0.01	ppb
Calcium	44-1	68804.56	68795.22	69485.30	69028.36	0.57	ppb
Chromium	52-2	2.38	2.97	2.21	2.52	15.85	ppb
Cobalt	59-2	3.64	3.71	3.57	3.64	1.93	ppb
Copper	63-2	1.69	1.70	1.74	1.71	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	56-2	149.07	148.60	146.78	148.15	0.82	ppb
Iron	57-2	138.70	148.23	151.36	146.10	4.51	ppb
Lead	206-1	0.47	0.46	0.51	0.48	5.57	ppb
Lead	207-1	0.44	0.40	0.48	0.44	8.38	ppb
Lead	208-1	0.46	0.45	0.48	0.47	3.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	32441.92	32210.85	32122.33	32258.37	0.51	ppb
Manganese	55-2	3192.30	3159.61	3140.41	3164.11	0.83	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-21	Instrumnet Name :	P8
Client Sample ID :	MBDYW4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:35:07	DataFile Name :	073SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.09	3.94	4.17	4.07	2.85	ppb
Molybdenum	95-1	5.60	5.64	5.70	5.65	0.92	ppb
Molybdenum	96-1	5.31	5.26	5.46	5.34	1.95	ppb
Molybdenum	97-1	5.62	5.68	6.02	5.77	3.73	ppb
Molybdenum	98-1	5.68	5.51	5.57	5.59	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.02	7.10	8.29	7.47	9.50	ppb
Phosphorus	31-2	60.08	36.32	12.68	36.36	65.18	ppb
Potassium	39-2	5769.29	5699.83	5704.94	5724.69	0.68	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				88		%
Selenium	77-2	-1.55	3.40	-1.55	0.10	2787.84	ppb
Selenium	78-2	1.90	3.50	1.92	2.44	37.64	ppb
Selenium	82-1	-0.54	-0.48	-0.89	-0.63		ppb
Silicon	28-1	19207.13	19106.39	19162.90	19158.81	0.26	ppb
Silver	109-1	0.75	0.82	0.75	0.77	5.64	ppb
Silver	107-1	0.79	0.79	0.78	0.79	0.73	ppb
Sodium	23-2	62221.54	60671.06	59855.21	60915.94	1.97	ppb
Strontium	86-1	133.00	132.68	135.67	133.78	1.23	ppb
Strontium	88-1	140.59	138.36	139.30	139.42	0.80	ppb
Sulfur	34-1	11578.62	11744.53	11803.46	11708.87	1.00	ppb
Terbium	159-1				117		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.01	0.01	36.59	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	526.24	ppb
Tin	118-1	0.02	0.00	0.00	0.00	218.19	ppb
Titanium	47-1	5.49	2.96	2.97	3.80	38.38	ppb
Uranium	238-1	0.53	0.55	0.55	0.54	2.10	ppb
Vanadium	51-2	2.08	2.14	2.21	2.14	3.14	ppb
Yttrium	89-1				108		%
Yttrium	89-2				94		%
Zinc	66-2	62.11	63.70	61.49	62.43	1.82	ppb
Zirconium	90-1	0.04	0.04	0.03	0.03	17.57	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-21	Instrumnet Name :	P8
Client Sample ID :	MBDYW4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:35:07	DataFile Name :	073SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.03	0.05	31.92	ppb

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-01DLX20 Instrumnet Name : P8
 Client Sample ID : MBDYX0 Dilution Factor : 20
 Date & Time Acquired :: 2017-12-18 18:38:13 DataFile Name : 074SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65.54	43.17	59.90	56.20	20.71	ppb
Antimony	121-1	0.01	0.02	0.01	0.02	40.78	ppb
Arsenic	75-2	0.05	-0.04	0.04	0.02	308.06	ppb
Barium	135-1	2.33	2.45	2.51	2.43	3.65	ppb
Barium	137-1	2.56	2.47	2.51	2.52	1.79	ppb
Beryllium	9-1	-0.01	-0.01	0.03	0.00	744.58	ppb
Bismuth	209-1				107		%
Bismuth	209-2				96		%
Boron	10-1	107.32	95.29	107.44	103.35	6.75	ppb
Boron	11-1	105.01	102.27	104.92	104.07	1.50	ppb
Cadmium	111-1	-0.15	-0.07	-0.19	-0.14		ppb
Cadmium	106-1	-1.84	-1.05	-2.63	-1.84		ppb
Cadmium	108-1	0.17	0.00	-0.07	0.03	404.69	ppb
Calcium	43-1	6115.51	6031.90	6030.88	6059.43	0.80	ppb
Calcium	44-1	6313.27	6208.15	6172.37	6231.26	1.18	ppb
Chromium	52-2	0.19	0.30	0.33	0.27	27.97	ppb
Cobalt	59-2	0.11	0.15	0.13	0.13	15.07	ppb
Copper	63-2	0.24	0.20	0.22	0.22	8.56	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				106		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	84.75	86.60	88.96	86.77	2.43	ppb
Iron	57-2	78.83	76.58	91.45	82.29	9.74	ppb
Lead	206-1	0.08	0.06	0.06	0.07	20.88	ppb
Lead	207-1	0.06	0.05	0.07	0.06	20.06	ppb
Lead	208-1	0.07	0.06	0.06	0.06	6.97	ppb
Lithium	6-1				90		%
Magnesium	24-2	2219.49	2202.38	2182.84	2201.57	0.83	ppb
Manganese	55-2	60.51	60.69	61.37	60.85	0.74	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX0	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:38:13	DataFile Name :	074SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.22	0.19	0.20	10.78	ppb
Molybdenum	95-1	0.33	0.27	0.25	0.28	14.44	ppb
Molybdenum	96-1	0.25	0.23	0.27	0.25	7.10	ppb
Molybdenum	97-1	0.20	0.28	0.30	0.26	20.13	ppb
Molybdenum	98-1	0.26	0.26	0.27	0.26	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.22	0.08	0.15	50.48	ppb
Phosphorus	31-2	14.87	14.33	14.04	14.42	2.94	ppb
Potassium	39-2	120.21	116.09	105.17	113.82	6.83	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				82		%
Selenium	77-2	-1.55	-1.55	3.72	0.21	1449.64	ppb
Selenium	78-2	1.26	2.09	1.20	1.51	32.81	ppb
Selenium	82-1	-0.38	-1.53	-0.66	-0.86		ppb
Silicon	28-1	715.61	686.34	686.19	696.04	2.43	ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Silver	107-1	-0.02	-0.02	0.00	-0.02		ppb
Sodium	23-2	1437.41	1416.14	1430.84	1428.13	0.76	ppb
Strontium	86-1	11.71	11.02	11.52	11.42	3.12	ppb
Strontium	88-1	11.49	11.26	11.18	11.31	1.43	ppb
Sulfur	34-1	-1144.44	-1244.28	-323.97	-904.23		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.00	0.02	-0.01	0.01	333.36	ppb
Titanium	47-1	1.37	1.08	5.72	2.72	95.33	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	3.97	ppb
Vanadium	51-2	0.27	0.16	0.22	0.22	26.86	ppb
Yttrium	89-1				98		%
Yttrium	89-2				87		%
Zinc	66-2	0.40	0.58	0.66	0.54	24.09	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	51.50	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX0	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:38:13	DataFile Name :	074SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	20.58	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX1	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:41:21	DataFile Name :	075SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.62	2.92	2.88	3.48	28.56	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	37.91	ppb
Arsenic	75-2	0.55	0.66	0.64	0.62	9.23	ppb
Barium	135-1	8.73	6.81	7.09	7.54	13.75	ppb
Barium	137-1	8.84	7.19	7.00	7.67	13.20	ppb
Beryllium	9-1	0.00	-0.04	-0.01	-0.02		ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	63.03	57.40	53.68	58.04	8.11	ppb
Boron	11-1	68.84	55.56	55.41	59.93	12.87	ppb
Cadmium	111-1	-0.06	-0.14	-0.11	-0.10		ppb
Cadmium	106-1	-0.84	-1.87	-1.52	-1.41		ppb
Cadmium	108-1	-0.03	0.00	0.00	-0.01		ppb
Calcium	43-1	9482.06	7766.13	7850.15	8366.11	11.56	ppb
Calcium	44-1	9737.28	7997.98	7825.46	8520.24	12.41	ppb
Chromium	52-2	0.06	0.09	0.10	0.08	25.04	ppb
Cobalt	59-2	0.32	0.36	0.33	0.34	6.63	ppb
Copper	63-2	0.26	0.25	0.28	0.27	6.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	1822.11	1829.33	1807.49	1819.64	0.61	ppb
Iron	57-2	1882.35	1787.35	1778.32	1816.01	3.17	ppb
Lead	206-1	0.03	0.03	0.02	0.03	15.14	ppb
Lead	207-1	0.02	0.02	0.01	0.02	29.64	ppb
Lead	208-1	0.02	0.02	0.02	0.02	10.35	ppb
Lithium	6-1				87		%
Magnesium	24-2	3405.36	3358.17	3315.01	3359.51	1.35	ppb
Manganese	55-2	584.65	578.79	578.11	580.52	0.62	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX1	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:41:21	DataFile Name :	075SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.01	0.03	67.90	ppb
Molybdenum	95-1	0.11	0.11	0.10	0.11	7.06	ppb
Molybdenum	96-1	0.07	0.10	0.07	0.08	23.79	ppb
Molybdenum	97-1	0.10	0.08	0.08	0.09	12.55	ppb
Molybdenum	98-1	0.07	0.07	0.07	0.07	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.05	0.13	0.10	45.19	ppb
Phosphorus	31-2	13.74	-10.55	13.48	5.56	250.87	ppb
Potassium	39-2	47.73	75.05	65.95	62.91	22.11	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				85		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	-0.50	1.16	0.33	0.33	253.94	ppb
Selenium	82-1	0.11	-0.94	-0.99	-0.61		ppb
Silicon	28-1	873.46	675.34	676.40	741.73	15.38	ppb
Silver	109-1	1.06	0.06	0.05	0.39	148.91	ppb
Silver	107-1	1.00	0.05	0.06	0.37	148.25	ppb
Sodium	23-2	8755.70	8769.80	8731.36	8752.29	0.22	ppb
Strontium	86-1	27.43	22.97	22.50	24.30	11.20	ppb
Strontium	88-1	27.65	23.16	22.60	24.47	11.31	ppb
Sulfur	34-1	1846.76	-1969.29	-2127.37	-749.97		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.04	0.00	0.01	-0.01		ppb
Titanium	47-1	0.12	0.13	0.16	0.14	14.61	ppb
Uranium	238-1	0.04	0.03	0.04	0.04	14.75	ppb
Vanadium	51-2	0.07	0.06	0.04	0.06	25.95	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	0.80	0.50	0.70	0.67	22.90	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	82.84	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX1	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:41:21	DataFile Name :	075SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.01	0.01	100.62	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:44:27	DataFile Name :	076SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.04	1.28	1.26	6.53	139.47	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	39.94	ppb
Arsenic	75-2	0.02	-0.02	-0.06	-0.02		ppb
Barium	135-1	1.73	1.70	1.86	1.76	4.81	ppb
Barium	137-1	1.81	1.89	1.88	1.86	2.31	ppb
Beryllium	9-1	-0.02	-0.05	0.01	-0.02		ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	124.29	123.97	126.55	124.94	1.12	ppb
Boron	11-1	123.54	123.81	124.48	123.94	0.39	ppb
Cadmium	111-1	-0.21	-0.05	-0.23	-0.16		ppb
Cadmium	106-1	-2.79	-0.76	-3.12	-2.22		ppb
Cadmium	108-1	0.00	-0.04	-0.04	-0.03		ppb
Calcium	43-1	5664.23	5577.11	5745.54	5662.29	1.49	ppb
Calcium	44-1	5834.21	5816.12	5787.80	5812.71	0.40	ppb
Chromium	52-2	0.16	0.07	0.04	0.09	65.97	ppb
Cobalt	59-2	0.11	0.09	0.12	0.10	13.86	ppb
Copper	63-2	0.01	0.12	0.05	0.06	92.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	56-2	10.40	10.25	10.56	10.40	1.49	ppb
Iron	57-2	14.14	6.99	13.09	11.41	33.85	ppb
Lead	206-1	0.02	0.02	0.02	0.02	2.35	ppb
Lead	207-1	0.01	0.02	0.02	0.02	26.00	ppb
Lead	208-1	0.02	0.02	0.02	0.02	4.55	ppb
Lithium	6-1				91		%
Magnesium	24-2	2317.74	2332.04	2311.38	2320.39	0.46	ppb
Manganese	55-2	388.51	391.49	388.78	389.59	0.42	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:44:27	DataFile Name :	076SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	0.03	0.01	75.81	ppb
Molybdenum	95-1	0.08	0.09	0.08	0.08	6.99	ppb
Molybdenum	96-1	0.05	0.05	0.04	0.05	12.54	ppb
Molybdenum	97-1	0.03	0.04	0.06	0.04	33.61	ppb
Molybdenum	98-1	0.07	0.04	0.05	0.05	30.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	0.06	0.01	463.66	ppb
Phosphorus	31-2	14.43	-10.55	64.37	22.75	167.66	ppb
Potassium	39-2	99.40	78.97	111.55	96.64	17.04	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				82		%
Selenium	77-2	3.73	-1.55	-1.55	0.21	1439.37	ppb
Selenium	78-2	1.20	1.22	3.76	2.06	71.42	ppb
Selenium	82-1	-0.41	-0.39	-0.33	-0.38		ppb
Silicon	28-1	755.16	757.00	750.18	754.11	0.47	ppb
Silver	109-1	0.01	-0.01	0.00	0.00		ppb
Silver	107-1	0.00	0.01	0.01	0.01	125.87	ppb
Sodium	23-2	2681.61	2686.04	2631.67	2666.44	1.13	ppb
Strontium	86-1	10.16	10.18	10.23	10.19	0.36	ppb
Strontium	88-1	10.40	10.33	10.29	10.34	0.55	ppb
Sulfur	34-1	-1202.52	-1214.26	-1180.94	-1199.24		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.05	0.05	-0.01	0.03	127.57	ppb
Titanium	47-1	0.16	0.17	0.24	0.19	22.81	ppb
Uranium	238-1	0.05	0.06	0.05	0.05	10.03	ppb
Vanadium	51-2	0.18	0.10	0.12	0.13	31.28	ppb
Yttrium	89-1				98		%
Yttrium	89-2				88		%
Zinc	66-2	0.08	0.40	0.21	0.23	69.08	ppb
Zirconium	90-1	0.00	-0.01	0.02	0.00	483.16	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:44:27	DataFile Name :	076SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.01	0.01	66.28	ppb

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-04DLX20 Instrumnet Name : P8
 Client Sample ID : MBDYX7D Dilution Factor : 20
 Date & Time Acquired :: 2017-12-18 18:47:35 DataFile Name : 077SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.49	8.53	10.29	6.11	94.65	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	103.09	ppb
Arsenic	75-2	0.07	-0.04	-0.02	0.00	3608.97	ppb
Barium	135-1	1.94	2.00	1.88	1.94	3.04	ppb
Barium	137-1	1.92	1.90	1.90	1.91	0.45	ppb
Beryllium	9-1	-0.02	-0.01	0.02	0.00		ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	121.21	122.46	125.73	123.13	1.89	ppb
Boron	11-1	122.97	122.50	124.87	123.44	1.02	ppb
Cadmium	111-1	-0.14	-0.22	-0.10	-0.15		ppb
Cadmium	106-1	-1.90	-3.01	-1.27	-2.06		ppb
Cadmium	108-1	0.03	-0.07	0.00	-0.01		ppb
Calcium	43-1	5691.07	5767.23	5798.26	5752.19	0.96	ppb
Calcium	44-1	5841.91	5762.01	5941.64	5848.52	1.54	ppb
Chromium	52-2	0.08	0.16	0.13	0.12	31.79	ppb
Cobalt	59-2	0.11	0.10	0.10	0.10	6.10	ppb
Copper	63-2	0.02	0.08	0.10	0.07	57.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	9.95	10.71	10.54	10.40	3.87	ppb
Iron	57-2	9.01	9.84	7.13	8.66	16.05	ppb
Lead	206-1	0.02	0.01	0.03	0.02	46.68	ppb
Lead	207-1	0.01	0.03	0.01	0.02	49.73	ppb
Lead	208-1	0.02	0.03	0.03	0.02	20.01	ppb
Lithium	6-1				90		%
Magnesium	24-2	2297.34	2423.38	2375.10	2365.27	2.69	ppb
Manganese	55-2	388.55	404.69	400.06	397.77	2.09	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7D	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:47:35	DataFile Name :	077SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.01	0.01	113.01	ppb
Molybdenum	95-1	0.07	0.05	0.07	0.06	12.05	ppb
Molybdenum	96-1	0.05	0.08	0.09	0.07	30.10	ppb
Molybdenum	97-1	0.06	0.04	0.04	0.04	25.18	ppb
Molybdenum	98-1	0.06	0.05	0.09	0.06	31.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.17	0.06	163.38	ppb
Phosphorus	31-2	-10.55	-10.55	40.69	6.53	452.80	ppb
Potassium	39-2	119.39	106.66	64.99	97.01	29.33	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				81		%
Selenium	77-2	3.79	-1.55	-1.55	0.23	1328.16	ppb
Selenium	78-2	0.36	0.36	-0.50	0.07	708.29	ppb
Selenium	82-1	-0.62	-0.94	-0.98	-0.85		ppb
Silicon	28-1	753.36	742.59	758.35	751.43	1.07	ppb
Silver	109-1	-0.02	0.00	0.00	-0.01		ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	2712.95	2759.69	2712.82	2728.49	0.99	ppb
Strontium	86-1	10.21	10.05	10.13	10.13	0.80	ppb
Strontium	88-1	10.39	10.36	10.27	10.34	0.60	ppb
Sulfur	34-1	-1010.33	-834.64	-477.59	-774.19		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.02	-0.01	0.01	0.00	313.18	ppb
Titanium	47-1	0.09	0.19	0.04	0.11	71.37	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	6.92	ppb
Vanadium	51-2	0.19	0.14	0.13	0.15	21.77	ppb
Yttrium	89-1				97		%
Yttrium	89-2				87		%
Zinc	66-2	0.24	0.22	0.15	0.20	22.55	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7D	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:47:35	DataFile Name :	077SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.00	0.01	51.11	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDYX7L	Dilution Factor :	100
Date & Time Acquired ::	2017-12-18 18:50:43	DataFile Name :	078SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.09	1.29	3.06	2.48	41.63	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	28.72	ppb
Arsenic	75-2	-0.04	-0.04	0.00	-0.03		ppb
Barium	135-1	0.33	0.44	0.36	0.38	15.13	ppb
Barium	137-1	0.40	0.39	0.40	0.40	0.84	ppb
Beryllium	9-1	-0.05	0.03	-0.05	-0.02		ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	51.29	60.72	48.88	53.63	11.66	ppb
Boron	11-1	52.97	60.82	53.77	55.85	7.73	ppb
Cadmium	111-1	-0.16	-0.15	-0.10	-0.14		ppb
Cadmium	106-1	-2.23	-2.11	-1.45	-1.93		ppb
Cadmium	108-1	0.07	-0.07	-0.04	-0.01		ppb
Calcium	43-1	1045.76	1262.86	1095.62	1134.75	10.02	ppb
Calcium	44-1	1089.00	1314.15	1102.13	1168.43	10.82	ppb
Chromium	52-2	0.21	0.15	0.08	0.15	45.41	ppb
Cobalt	59-2	0.08	0.09	0.08	0.08	6.92	ppb
Copper	63-2	0.06	0.04	0.05	0.05	21.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	3.23	2.85	3.39	3.15	8.81	ppb
Iron	57-2	1.79	-0.34	5.44	2.30	127.33	ppb
Lead	206-1	0.10	0.10	0.07	0.09	17.81	ppb
Lead	207-1	0.08	0.08	0.06	0.08	14.07	ppb
Lead	208-1	0.08	0.09	0.07	0.08	9.52	ppb
Lithium	6-1				86		%
Magnesium	24-2	442.82	455.75	437.57	445.38	2.10	ppb
Manganese	55-2	76.60	74.61	77.02	76.08	1.69	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDYX7L	Dilution Factor :	100
Date & Time Acquired ::	2017-12-18 18:50:43	DataFile Name :	078SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.06	-0.02	-0.02	-0.03		ppb
Molybdenum	95-1	0.01	0.03	0.02	0.02	37.47	ppb
Molybdenum	96-1	-0.01	0.02	0.02	0.01	141.34	ppb
Molybdenum	97-1	0.02	0.00	0.03	0.02	111.91	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	70.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.05	-0.03	-0.01		ppb
Phosphorus	31-2	65.96	-10.55	-10.55	14.96	295.35	ppb
Potassium	39-2	11.69	1.79	-1.53	3.98	172.77	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				87		%
Scandium	45-2				81		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	-0.50	2.10	0.36	0.65	202.91	ppb
Selenium	82-1	0.22	-1.18	-1.12	-0.69		ppb
Silicon	28-1	160.65	223.11	166.67	183.48	18.78	ppb
Silver	109-1	-0.02	0.16	-0.01	0.04	236.63	ppb
Silver	107-1	-0.02	0.19	0.02	0.06	176.07	ppb
Sodium	23-2	516.42	522.67	500.83	513.31	2.19	ppb
Strontium	86-1	1.98	2.43	1.98	2.13	12.14	ppb
Strontium	88-1	2.00	2.38	1.98	2.12	10.55	ppb
Sulfur	34-1	-1294.48	2104.07	-1125.68	-105.37		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	-0.01		ppb
Tin	118-1	0.00	0.03	0.00	0.01	190.64	ppb
Titanium	47-1	0.01	0.03	-0.06	-0.01		ppb
Uranium	238-1	0.00	0.01	0.01	0.01	40.42	ppb
Vanadium	51-2	0.04	0.06	0.04	0.05	17.34	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%
Zinc	66-2	0.84	0.56	0.74	0.71	20.42	ppb
Zirconium	90-1	-0.01	-0.01	0.00	0.00		ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDYX7L	Dilution Factor :	100
Date & Time Acquired ::	2017-12-18 18:50:43	DataFile Name :	078SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	17.43	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7S	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:53:50	DataFile Name :	079SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	133.61	76.23	109.74	106.53	27.06	ppb
Antimony	121-1	5.53	5.64	5.48	5.55	1.43	ppb
Arsenic	75-2	2.17	2.25	1.89	2.10	9.13	ppb
Barium	135-1	112.77	112.52	112.20	112.50	0.26	ppb
Barium	137-1	114.87	112.57	113.91	113.78	1.01	ppb
Beryllium	9-1	2.91	2.76	2.85	2.84	2.68	ppb
Bismuth	209-1				109		%
Bismuth	209-2				99		%
Boron	10-1	115.28	120.52	125.98	120.59	4.44	ppb
Boron	11-1	118.21	120.49	124.45	121.05	2.61	ppb
Cadmium	111-1	2.65	2.68	2.62	2.65	1.17	ppb
Cadmium	106-1	1.01	1.18	0.39	0.86	48.31	ppb
Cadmium	108-1	2.14	2.81	2.51	2.49	13.51	ppb
Calcium	43-1	5896.84	5952.22	5909.31	5919.46	0.49	ppb
Calcium	44-1	6029.40	6033.53	6133.35	6065.43	0.97	ppb
Chromium	52-2	12.03	11.81	12.33	12.06	2.15	ppb
Cobalt	59-2	29.74	29.47	30.02	29.74	0.93	ppb
Copper	63-2	14.85	14.59	15.02	14.82	1.47	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				101		%
Indium	115-2				91		%
Iron	56-2	72.96	72.14	72.70	72.60	0.57	ppb
Iron	57-2	67.37	80.41	65.44	71.07	11.46	ppb
Lead	206-1	1.13	1.06	1.09	1.10	3.28	ppb
Lead	207-1	1.07	1.02	1.08	1.06	3.02	ppb
Lead	208-1	1.09	1.10	1.11	1.10	1.03	ppb
Lithium	6-1				91		%
Magnesium	24-2	2444.39	2366.07	2486.88	2432.45	2.52	ppb
Manganese	55-2	438.31	430.76	440.71	436.59	1.19	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7S	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:53:50	DataFile Name :	079SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.06	0.02	0.03	61.21	ppb
Molybdenum	95-1	0.05	0.07	0.08	0.07	23.05	ppb
Molybdenum	96-1	0.09	0.06	0.05	0.07	32.09	ppb
Molybdenum	97-1	0.07	0.06	0.08	0.07	18.57	ppb
Molybdenum	98-1	0.08	0.03	0.05	0.06	43.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.92	30.15	30.30	30.13	0.64	ppb
Phosphorus	31-2	14.93	14.87	-10.55	6.42	228.90	ppb
Potassium	39-2	120.86	107.67	93.69	107.41	12.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				80		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	6.45	3.87	8.26	6.19	35.60	ppb
Selenium	82-1	5.38	4.90	5.30	5.19	4.96	ppb
Silicon	28-1	775.96	774.08	781.03	777.02	0.46	ppb
Silver	109-1	2.00	2.04	2.26	2.10	6.73	ppb
Silver	107-1	2.08	2.15	2.16	2.13	2.15	ppb
Sodium	23-2	2765.05	2720.58	2769.79	2751.81	0.99	ppb
Strontium	86-1	10.85	10.86	10.16	10.62	3.79	ppb
Strontium	88-1	10.74	10.75	10.69	10.73	0.27	ppb
Sulfur	34-1	-1042.81	-748.47	-864.74	-885.34		ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	2.63	2.83	2.69	2.72	3.74	ppb
Thallium	205-1	2.75	2.72	2.71	2.73	0.86	ppb
Tin	118-1	0.02	-0.01	-0.03	-0.01		ppb
Titanium	47-1	0.17	0.32	0.14	0.21	47.46	ppb
Uranium	238-1	0.06	0.05	0.06	0.05	5.85	ppb
Vanadium	51-2	29.16	28.47	29.23	28.95	1.46	ppb
Yttrium	89-1				97		%
Yttrium	89-2				86		%
Zinc	66-2	30.09	31.85	31.27	31.07	2.89	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00		ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7S	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:53:50	DataFile Name :	079SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.00	0.02	72.74	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P8
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:56:58	DataFile Name :	080SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52323.11	50960.15	50288.23	51190.50	2.03	ppb
Antimony	121-1	509.77	511.56	509.77	510.37	0.20	ppb
Arsenic	75-2	507.46	508.06	516.56	510.69	1.00	ppb
Barium	135-1	2554.18	2549.27	2587.24	2563.56	0.81	ppb
Barium	137-1	2522.84	2527.66	2549.89	2533.46	0.57	ppb
Beryllium	9-1	533.36	527.24	520.64	527.08	1.21	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	553.72	553.82	564.19	557.24	1.08	ppb
Boron	11-1	545.11	553.18	559.43	552.58	1.30	ppb
Cadmium	111-1	488.74	485.00	491.27	488.33	0.65	ppb
Cadmium	106-1	496.93	491.90	494.18	494.34	0.51	ppb
Cadmium	108-1	496.28	485.81	490.03	490.71	1.07	ppb
Calcium	43-1	252836.13	250956.96	252991.85	252261.64	0.45	ppb
Calcium	44-1	249305.48	249793.23	248987.02	249361.91	0.16	ppb
Chromium	52-2	527.18	521.92	514.94	521.35	1.18	ppb
Cobalt	59-2	516.01	507.08	503.03	508.71	1.31	ppb
Copper	63-2	1017.59	1008.73	994.99	1007.10	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	132437.87	130788.28	129133.88	130786.68	1.26	ppb
Iron	57-2	135153.12	133220.85	130127.14	132833.70	1.91	ppb
Lead	206-1	529.30	524.64	519.89	524.61	0.90	ppb
Lead	207-1	521.88	527.25	527.27	525.47	0.59	ppb
Lead	208-1	524.89	524.27	520.88	523.35	0.41	ppb
Lithium	6-1				89		%
Magnesium	24-2	260279.34	257347.66	256314.01	257980.34	0.80	ppb
Manganese	55-2	1036.03	1029.48	1019.94	1028.48	0.79	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P8
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:56:58	DataFile Name :	080SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2570.27	2581.40	2553.44	2568.37	0.55	ppb
Molybdenum	95-1	2574.92	2542.52	2566.67	2561.37	0.66	ppb
Molybdenum	96-1	2556.78	2563.67	2547.75	2556.07	0.31	ppb
Molybdenum	97-1	2584.93	2568.42	2566.39	2573.24	0.40	ppb
Molybdenum	98-1	2587.75	2575.13	2557.95	2573.61	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.26	514.52	505.19	511.65	1.10	ppb
Phosphorus	31-2	10333.71	9543.84	10246.26	10041.27	4.31	ppb
Potassium	39-2	130034.76	124652.29	126152.61	126946.55	2.19	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	456.26	528.04	601.02	528.44	13.70	ppb
Selenium	78-2	500.35	466.42	500.97	489.25	4.04	ppb
Selenium	82-1	499.45	497.06	497.33	497.95	0.26	ppb
Silicon	28-1	512.13	511.12	516.32	513.19	0.54	ppb
Silver	109-1	496.78	494.71	499.93	497.14	0.53	ppb
Silver	107-1	494.49	490.14	495.51	493.38	0.58	ppb
Sodium	23-2	260860.07	257757.62	256572.99	258396.90	0.86	ppb
Strontium	86-1	513.91	513.68	517.90	515.16	0.46	ppb
Strontium	88-1	523.17	524.71	522.55	523.47	0.21	ppb
Sulfur	34-1	9927.30	9865.38	9959.91	9917.53	0.48	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	520.04	520.45	524.38	521.62	0.46	ppb
Thallium	205-1	516.99	519.63	512.79	516.47	0.67	ppb
Tin	118-1	509.53	512.65	514.83	512.34	0.52	ppb
Titanium	47-1	2628.20	2617.55	2571.16	2605.63	1.16	ppb
Uranium	238-1	530.28	526.66	525.81	527.58	0.45	ppb
Vanadium	51-2	525.25	518.16	517.59	520.33	0.82	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	1024.00	1021.42	1003.76	1016.39	1.08	ppb
Zirconium	90-1	512.02	512.26	509.66	511.31	0.28	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P8
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:56:58	DataFile Name :	080SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.42	504.31	501.03	502.25	0.36	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P8
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:59:56	DataFile Name :	081SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.20	1.38	-0.49	0.70	148.04	ppb
Antimony	121-1	0.22	0.26	0.24	0.24	8.28	ppb
Arsenic	75-2	-0.04	0.03	0.09	0.03	257.56	ppb
Barium	135-1	0.01	0.02	0.01	0.02	48.63	ppb
Barium	137-1	0.02	0.01	0.01	0.01	42.38	ppb
Beryllium	9-1	0.36	0.38	0.29	0.34	14.07	ppb
Bismuth	209-1				110		%
Bismuth	209-2				96		%
Boron	10-1	35.98	36.41	35.16	35.85	1.77	ppb
Boron	11-1	36.20	34.63	34.59	35.14	2.61	ppb
Cadmium	111-1	-0.16	-0.14	-0.04	-0.11		ppb
Cadmium	106-1	-2.56	-2.16	-0.87	-1.86		ppb
Cadmium	108-1	-0.07	0.10	0.06	0.03	307.35	ppb
Calcium	43-1	-32.16	-21.73	-29.12	-27.67		ppb
Calcium	44-1	-22.62	-22.97	-20.29	-21.96		ppb
Chromium	52-2	0.04	0.07	0.13	0.08	54.15	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.05	0.02	0.04	0.04	36.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				95		%
Indium	115-1				105		%
Indium	115-2				90		%
Iron	56-2	3.91	4.43	4.01	4.12	6.71	ppb
Iron	57-2	7.04	6.99	2.80	5.61	43.42	ppb
Lead	206-1	0.04	0.03	0.02	0.03	30.48	ppb
Lead	207-1	0.03	0.04	0.04	0.04	13.12	ppb
Lead	208-1	0.04	0.03	0.04	0.03	12.20	ppb
Lithium	6-1				96		%
Magnesium	24-2	-20.20	-14.88	-17.54	-17.54		ppb
Manganese	55-2	0.16	0.17	0.14	0.16	10.32	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P8
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:59:56	DataFile Name :	081SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.11	0.09	0.11	14.00	ppb
Molybdenum	95-1	0.14	0.09	0.11	0.11	24.69	ppb
Molybdenum	96-1	0.17	0.14	0.11	0.14	21.27	ppb
Molybdenum	97-1	0.12	0.15	0.11	0.13	13.37	ppb
Molybdenum	98-1	0.14	0.14	0.13	0.14	7.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.32	0.02	-0.07	-0.12		ppb
Phosphorus	31-2	-10.55	-10.55	14.72	-2.13		ppb
Potassium	39-2	-10.48	16.88	-6.95	-0.18		ppb
Rhodium	103-1				102		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				81		%
Selenium	77-2	3.57	-1.55	-1.55	0.16	1868.45	ppb
Selenium	78-2	-0.50	0.42	0.38	0.10	539.60	ppb
Selenium	82-1	-0.63	-1.21	-1.17	-1.00		ppb
Silicon	28-1	-38.41	-35.48	-37.50	-37.13		ppb
Silver	109-1	0.22	0.19	0.17	0.20	14.33	ppb
Silver	107-1	0.24	0.20	0.18	0.21	15.22	ppb
Sodium	23-2	-14.45	16.12	0.78	0.82	1871.44	ppb
Strontium	86-1	0.03	-0.05	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	77.29	ppb
Sulfur	34-1	-2572.83	-2335.96	-2191.64	-2366.81		ppb
Terbium	159-1				107		%
Terbium	159-2				95		%
Thallium	203-1	0.10	0.07	0.07	0.08	20.68	ppb
Thallium	205-1	0.10	0.08	0.08	0.09	13.61	ppb
Tin	118-1	0.02	0.09	0.06	0.06	64.68	ppb
Titanium	47-1	-0.08	-0.08	-0.07	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	75.94	ppb
Vanadium	51-2	0.03	0.04	-0.01	0.02	125.52	ppb
Yttrium	89-1				101		%
Yttrium	89-2				86		%
Zinc	66-2	0.05	0.19	-0.04	0.07	175.37	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	18.69	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P8
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:59:56	DataFile Name :	081SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.02	0.03	34.65	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P8
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:03:03	DataFile Name :	082CCV_P8121817MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51517.44	51197.53	51151.94	51288.97	0.39	ppb
Antimony	121-1	509.47	502.80	507.11	506.46	0.67	ppb
Arsenic	75-2	501.72	499.00	510.97	503.90	1.25	ppb
Barium	135-1	2555.25	2535.32	2552.06	2547.54	0.42	ppb
Barium	137-1	2514.55	2517.09	2536.11	2522.58	0.47	ppb
Beryllium	9-1	528.81	521.67	524.38	524.95	0.69	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	542.49	541.47	554.82	546.26	1.36	ppb
Boron	11-1	538.52	548.00	554.00	546.84	1.43	ppb
Cadmium	111-1	487.81	487.66	486.77	487.41	0.11	ppb
Cadmium	106-1	487.46	492.75	490.94	490.38	0.55	ppb
Cadmium	108-1	489.09	484.01	499.45	490.85	1.60	ppb
Calcium	43-1	246133.52	247302.79	247105.09	246847.13	0.25	ppb
Calcium	44-1	246116.91	245596.76	246435.23	246049.63	0.17	ppb
Chromium	52-2	518.33	517.72	522.22	519.42	0.47	ppb
Cobalt	59-2	507.75	500.47	507.19	505.14	0.80	ppb
Copper	63-2	994.38	986.89	997.16	992.81	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	130100.61	128786.60	129411.70	129432.97	0.51	ppb
Iron	57-2	132039.82	129802.31	130780.81	130874.31	0.86	ppb
Lead	206-1	513.44	512.95	515.74	514.05	0.29	ppb
Lead	207-1	514.77	512.63	510.77	512.72	0.39	ppb
Lead	208-1	514.11	511.96	513.64	513.24	0.22	ppb
Lithium	6-1				91		%
Magnesium	24-2	256509.58	255847.29	257462.38	256606.42	0.32	ppb
Manganese	55-2	1035.86	1011.68	1037.51	1028.35	1.41	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P8
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:03:03	DataFile Name :	082CCV_P8121817MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2519.24	2556.11	2533.21	2536.19	0.73	ppb
Molybdenum	95-1	2506.63	2548.01	2518.10	2524.25	0.85	ppb
Molybdenum	96-1	2505.55	2539.28	2527.86	2524.23	0.68	ppb
Molybdenum	97-1	2541.52	2603.51	2539.45	2561.49	1.42	ppb
Molybdenum	98-1	2519.72	2576.79	2546.88	2547.80	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.69	498.69	512.23	506.87	1.42	ppb
Phosphorus	31-2	11211.04	9735.64	10320.37	10422.35	7.13	ppb
Potassium	39-2	127266.32	124707.86	129263.04	127079.07	1.80	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	77-2	584.74	443.16	539.12	522.34	13.83	ppb
Selenium	78-2	482.56	490.75	489.38	487.56	0.90	ppb
Selenium	82-1	494.85	498.47	499.74	497.69	0.51	ppb
Silicon	28-1	490.58	500.73	501.31	497.54	1.21	ppb
Silver	109-1	498.12	496.27	497.78	497.39	0.20	ppb
Silver	107-1	495.88	493.39	497.43	495.57	0.41	ppb
Sodium	23-2	260110.65	252693.21	257960.68	256921.51	1.49	ppb
Strontium	86-1	505.64	517.51	510.44	511.20	1.17	ppb
Strontium	88-1	515.09	520.86	518.22	518.06	0.56	ppb
Sulfur	34-1	9264.09	9553.11	9306.18	9374.46	1.67	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	515.88	515.86	509.58	513.77	0.71	ppb
Thallium	205-1	511.31	508.90	506.86	509.02	0.44	ppb
Tin	118-1	513.51	507.11	510.62	510.41	0.63	ppb
Titanium	47-1	2544.87	2569.17	2559.30	2557.78	0.48	ppb
Uranium	238-1	521.06	518.81	522.75	520.87	0.38	ppb
Vanadium	51-2	522.36	510.96	523.04	518.78	1.31	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	1013.85	990.78	1018.16	1007.60	1.46	ppb
Zirconium	90-1	505.00	511.30	506.55	507.62	0.65	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P8
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:03:03	DataFile Name :	082CCV_P8121817MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.36	500.86	493.75	495.99	0.85	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P8
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:07:34	DataFile Name :	083CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.97	-0.49	-0.49	1.66	224.20	ppb
Antimony	121-1	0.17	0.17	0.18	0.17	3.34	ppb
Arsenic	75-2	-0.02	-0.02	-0.04	-0.03		ppb
Barium	135-1	0.04	0.04	0.01	0.03	59.40	ppb
Barium	137-1	0.02	0.03	0.00	0.02	83.07	ppb
Beryllium	9-1	0.30	0.25	0.28	0.28	9.76	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	27.35	26.54	21.18	25.02	13.40	ppb
Boron	11-1	26.55	24.88	23.55	24.99	6.01	ppb
Cadmium	111-1	-0.07	-0.15	-0.21	-0.14		ppb
Cadmium	106-1	-1.49	-2.27	-3.06	-2.27		ppb
Cadmium	108-1	0.03	0.14	0.24	0.14	76.22	ppb
Calcium	43-1	-27.81	-30.90	-34.47	-31.06		ppb
Calcium	44-1	-17.13	-19.16	-21.53	-19.27		ppb
Chromium	52-2	0.06	0.07	0.05	0.06	15.78	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00		ppb
Copper	63-2	-0.01	0.03	0.03	0.02	110.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	4.34	3.51	4.36	4.07	11.99	ppb
Iron	57-2	5.15	2.83	8.98	5.66	54.91	ppb
Lead	206-1	0.04	0.04	0.03	0.04	11.80	ppb
Lead	207-1	0.04	0.03	0.02	0.03	35.99	ppb
Lead	208-1	0.04	0.04	0.03	0.03	12.94	ppb
Lithium	6-1				95		%
Magnesium	24-2	-14.12	-21.35	-20.53	-18.67		ppb
Manganese	55-2	0.15	0.17	-0.04	0.09	124.95	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P8
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:07:34	DataFile Name :	083CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.09	0.04	0.07	42.21	ppb
Molybdenum	95-1	0.08	0.08	0.10	0.09	10.05	ppb
Molybdenum	96-1	0.11	0.07	0.10	0.09	17.84	ppb
Molybdenum	97-1	0.09	0.07	0.07	0.08	16.05	ppb
Molybdenum	98-1	0.10	0.09	0.09	0.09	6.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.23	-0.17	-0.18		ppb
Phosphorus	31-2	12.48	12.75	-10.55	4.90	273.21	ppb
Potassium	39-2	-14.58	-1.02	-2.04	-5.88		ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	1.10	-0.50	1.92	0.84	147.07	ppb
Selenium	82-1	-0.40	-0.34	-0.27	-0.34		ppb
Silicon	28-1	-32.19	-34.95	-39.18	-35.44		ppb
Silver	109-1	0.10	0.11	0.11	0.11	7.64	ppb
Silver	107-1	0.10	0.11	0.10	0.10	7.58	ppb
Sodium	23-2	-22.61	-37.31	-28.65	-29.52		ppb
Strontium	86-1	0.02	0.02	-0.01	0.01	160.64	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	52.95	ppb
Sulfur	34-1	-2445.51	-2531.73	-3077.68	-2684.97		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.06	0.05	0.06	21.60	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	5.10	ppb
Tin	118-1	0.04	0.06	0.06	0.06	24.74	ppb
Titanium	47-1	0.04	0.04	-0.02	0.02	176.57	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	26.14	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	0.27	0.16	0.04	0.16	73.29	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	26.08	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P8
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:07:34	DataFile Name :	083CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.05	0.05	8.50	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:10:42	DataFile Name :	084SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.16	-0.49	1.18	0.62	155.43	ppb
Antimony	121-1	0.09	0.10	0.09	0.09	5.49	ppb
Arsenic	75-2	-0.02	-0.06	-0.04	-0.04		ppb
Barium	135-1	1.74	1.85	1.73	1.77	3.51	ppb
Barium	137-1	1.78	1.80	1.75	1.78	1.37	ppb
Beryllium	9-1	0.22	0.27	0.19	0.23	19.14	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	105.47	107.17	108.96	107.20	1.63	ppb
Boron	11-1	105.31	105.56	105.31	105.39	0.14	ppb
Cadmium	111-1	-0.08	0.00	-0.07	-0.05		ppb
Cadmium	106-1	-1.15	0.01	-1.33	-0.82		ppb
Cadmium	108-1	0.14	0.10	0.03	0.09	58.45	ppb
Calcium	43-1	5366.01	5311.92	5283.40	5320.44	0.79	ppb
Calcium	44-1	5480.67	5503.30	5540.26	5508.08	0.55	ppb
Chromium	52-2	0.07	0.07	0.11	0.08	28.89	ppb
Cobalt	59-2	0.13	0.11	0.10	0.11	12.76	ppb
Copper	63-2	0.13	0.09	0.08	0.10	26.92	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				101		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	8.60	7.93	8.50	8.35	4.33	ppb
Iron	57-2	11.70	7.05	7.39	8.71	29.72	ppb
Lead	206-1	0.05	0.05	0.05	0.05	1.96	ppb
Lead	207-1	0.06	0.04	0.04	0.05	23.11	ppb
Lead	208-1	0.05	0.05	0.04	0.05	10.39	ppb
Lithium	6-1				93		%
Magnesium	24-2	2161.70	2160.85	2183.64	2168.73	0.60	ppb
Manganese	55-2	369.35	364.95	377.30	370.53	1.69	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:10:42	DataFile Name :	084SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.02	0.04	0.05	82.12	ppb
Molybdenum	95-1	0.09	0.11	0.08	0.10	15.84	ppb
Molybdenum	96-1	0.08	0.08	0.10	0.09	9.04	ppb
Molybdenum	97-1	0.06	0.11	0.09	0.09	26.68	ppb
Molybdenum	98-1	0.10	0.09	0.08	0.09	7.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	0.13	-0.02	-0.05		ppb
Phosphorus	31-2	13.01	12.45	13.23	12.89	3.13	ppb
Potassium	39-2	86.44	112.74	104.83	101.34	13.32	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	-0.50	0.32	3.60	1.14	191.07	ppb
Selenium	82-1	-1.43	-0.26	-1.00	-0.90		ppb
Silicon	28-1	716.61	714.06	713.77	714.81	0.22	ppb
Silver	109-1	0.00	0.00	0.02	0.01	199.51	ppb
Silver	107-1	-0.01	0.01	0.02	0.01	215.83	ppb
Sodium	23-2	2513.60	2435.26	2492.66	2480.51	1.64	ppb
Strontium	86-1	11.28	10.96	10.90	11.05	1.86	ppb
Strontium	88-1	11.31	11.10	11.09	11.17	1.12	ppb
Sulfur	34-1	-1995.38	-1937.22	-1669.18	-1867.26		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.02	0.02	0.02	5.77	ppb
Thallium	205-1	0.04	0.02	0.02	0.03	39.27	ppb
Tin	118-1	0.00	0.02	0.00	0.01	164.05	ppb
Titanium	47-1	0.05	0.05	0.05	0.05	3.70	ppb
Uranium	238-1	0.06	0.05	0.04	0.05	20.31	ppb
Vanadium	51-2	0.12	0.09	0.10	0.10	14.33	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	0.60	0.32	0.57	0.50	30.32	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	105.60	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:10:42	DataFile Name :	084SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.03	0.03	41.98	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYY9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:13:49	DataFile Name :	085SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.21	1.17	4.54	3.97	64.73	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	6.03	ppb
Arsenic	75-2	0.00	-0.02	-0.02	-0.01		ppb
Barium	135-1	1.89	1.79	1.64	1.77	7.03	ppb
Barium	137-1	1.89	1.89	1.89	1.89	0.10	ppb
Beryllium	9-1	0.12	0.17	0.15	0.15	18.51	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	112.16	107.52	109.86	109.84	2.11	ppb
Boron	11-1	104.58	109.10	108.82	107.50	2.36	ppb
Cadmium	111-1	-0.07	-0.11	-0.12	-0.10		ppb
Cadmium	106-1	-1.01	-1.52	-1.68	-1.40		ppb
Cadmium	108-1	0.07	0.03	0.00	0.03	107.50	ppb
Calcium	43-1	5515.10	5602.85	5463.51	5527.15	1.27	ppb
Calcium	44-1	5601.45	5678.26	5704.93	5661.55	0.95	ppb
Chromium	52-2	0.10	0.11	0.00	0.07	85.47	ppb
Cobalt	59-2	0.11	0.13	0.11	0.11	8.79	ppb
Copper	63-2	0.17	0.17	0.11	0.15	24.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	6.96	7.18	7.25	7.13	2.11	ppb
Iron	57-2	7.43	7.31	4.46	6.40	26.28	ppb
Lead	206-1	0.05	0.06	0.06	0.06	5.69	ppb
Lead	207-1	0.05	0.05	0.06	0.05	12.44	ppb
Lead	208-1	0.05	0.05	0.06	0.05	14.91	ppb
Lithium	6-1				92		%
Magnesium	24-2	2302.83	2237.82	2241.08	2260.58	1.62	ppb
Manganese	55-2	387.51	380.50	383.62	383.88	0.91	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYY9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:13:49	DataFile Name :	085SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.04	0.02	0.04	43.65	ppb
Molybdenum	95-1	0.09	0.08	0.12	0.09	22.16	ppb
Molybdenum	96-1	0.10	0.06	0.06	0.07	28.11	ppb
Molybdenum	97-1	0.06	0.10	0.10	0.09	25.06	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.08	9.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.21	-0.03	-0.12		ppb
Phosphorus	31-2	-10.55	36.67	-10.55	5.19	524.93	ppb
Potassium	39-2	111.32	108.46	92.51	104.10	9.74	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	77-2	8.74	-1.55	3.62	3.60	142.65	ppb
Selenium	78-2	1.16	0.32	2.01	1.16	72.72	ppb
Selenium	82-1	0.05	0.26	0.94	0.42	111.48	ppb
Silicon	28-1	736.34	741.71	746.65	741.57	0.69	ppb
Silver	109-1	-0.02	0.01	0.01	0.00	1167.74	ppb
Silver	107-1	0.01	0.00	0.00	0.00	175.71	ppb
Sodium	23-2	2627.28	2592.03	2576.20	2598.50	1.01	ppb
Strontium	86-1	11.69	11.56	11.65	11.63	0.54	ppb
Strontium	88-1	11.51	11.54	11.30	11.45	1.15	ppb
Sulfur	34-1	-1987.66	-2032.61	-1917.78	-1979.35		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.03	0.01	0.02	49.76	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	42.16	ppb
Tin	118-1	0.01	0.00	0.01	0.01	92.79	ppb
Titanium	47-1	-0.05	-0.03	0.05	-0.01		ppb
Uranium	238-1	0.06	0.05	0.06	0.05	10.75	ppb
Vanadium	51-2	0.09	0.20	0.19	0.16	39.71	ppb
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	0.46	0.51	0.67	0.55	19.73	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	76.31	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYY9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:13:49	DataFile Name :	085SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.02	54.96	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYZ7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:16:55	DataFile Name :	086SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.49	1.22	1.18	0.64	153.13	ppb
Antimony	121-1	0.06	0.04	0.06	0.06	19.21	ppb
Arsenic	75-2	-0.04	-0.04	-0.02	-0.04		ppb
Barium	135-1	0.01	0.12	0.01	0.05	136.69	ppb
Barium	137-1	0.02	0.00	0.00	0.01	135.29	ppb
Beryllium	9-1	0.15	0.07	0.15	0.12	36.52	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	19.86	24.30	20.42	21.53	11.23	ppb
Boron	11-1	21.00	21.28	20.79	21.03	1.17	ppb
Cadmium	111-1	-0.10	-0.16	-0.10	-0.12		ppb
Cadmium	106-1	-1.29	-2.40	-1.28	-1.66		ppb
Cadmium	108-1	-0.07	0.00	0.00	-0.02		ppb
Calcium	43-1	-31.99	-26.32	-31.83	-30.05		ppb
Calcium	44-1	-20.33	-12.72	-21.62	-18.22		ppb
Chromium	52-2	-0.01	0.05	0.12	0.05	114.30	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.03	-0.04	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	1.65	2.22	1.60	1.82	18.65	ppb
Iron	57-2	1.41	0.07	2.47	1.32	91.70	ppb
Lead	206-1	0.05	0.07	0.05	0.06	15.26	ppb
Lead	207-1	0.04	0.04	0.04	0.04	4.67	ppb
Lead	208-1	0.05	0.05	0.05	0.05	1.81	ppb
Lithium	6-1				89		%
Magnesium	24-2	-12.14	-13.13	-15.66	-13.64		ppb
Manganese	55-2	0.06	0.12	0.15	0.11	41.35	ppb

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-08DLX20 Instrumnet Name : P8
 Client Sample ID : MBDYZ7 Dilution Factor : 20
 Date & Time Acquired :: 2017-12-18 19:16:55 DataFile Name : 086SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.03	0.02	-0.02	-0.01		ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	57.28	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.02	27.82	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	57.61	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	17.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.26	-0.12	-0.19		ppb
Phosphorus	31-2	12.89	38.29	37.18	29.45	48.74	ppb
Potassium	39-2	-25.34	-9.55	-13.04	-15.98		ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	-0.50	-0.50	-0.50	-0.50		ppb
Selenium	82-1	-0.13	-1.14	-0.47	-0.58		ppb
Silicon	28-1	-34.05	-23.98	-31.08	-29.70		ppb
Silver	109-1	-0.01	0.11	0.00	0.03	219.84	ppb
Silver	107-1	-0.02	0.14	0.01	0.04	209.38	ppb
Sodium	23-2	-57.96	-33.37	-63.87	-51.73		ppb
Strontium	86-1	0.00	0.10	0.00	0.03	180.06	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	186.75	ppb
Sulfur	34-1	-2620.95	-1402.24	-2356.46	-2126.55		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.01	0.02	0.01	89.21	ppb
Thallium	205-1	0.01	0.02	0.00	0.01	102.51	ppb
Tin	118-1	0.00	0.02	0.03	0.02	88.61	ppb
Titanium	47-1	-0.06	-0.02	-0.05	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	-0.01	0.00	287.03	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	0.16	0.23	0.05	0.14	64.24	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	252.60	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYZ7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:16:55	DataFile Name :	086SMPL_P8121817MS.

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

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX2	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:20:03	DataFile Name :	087SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.35	23.63	13.23	16.07	41.15	ppb
Antimony	121-1	0.03	0.04	0.06	0.04	34.61	ppb
Arsenic	75-2	0.02	0.00	0.02	0.01	78.82	ppb
Barium	135-1	1.92	2.24	2.06	2.07	7.80	ppb
Barium	137-1	2.12	2.05	2.13	2.10	1.97	ppb
Beryllium	9-1	0.09	0.07	0.11	0.09	24.94	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	110.05	100.20	103.08	104.44	4.85	ppb
Boron	11-1	102.97	103.50	105.73	104.06	1.41	ppb
Cadmium	111-1	-0.09	-0.06	-0.04	-0.06		ppb
Cadmium	106-1	-1.09	-0.86	-0.62	-0.86		ppb
Cadmium	108-1	0.16	-0.04	0.00	0.04	258.39	ppb
Calcium	43-1	5765.38	5930.98	5783.15	5826.50	1.56	ppb
Calcium	44-1	5975.33	5968.74	5963.38	5969.15	0.10	ppb
Chromium	52-2	0.05	0.10	0.07	0.07	35.97	ppb
Cobalt	59-2	0.14	0.10	0.12	0.12	13.81	ppb
Copper	63-2	0.02	0.08	0.03	0.04	71.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	26.89	28.05	31.60	28.85	8.50	ppb
Iron	57-2	21.04	23.52	25.95	23.50	10.45	ppb
Lead	206-1	0.04	0.05	0.07	0.06	28.74	ppb
Lead	207-1	0.04	0.06	0.04	0.04	28.60	ppb
Lead	208-1	0.05	0.05	0.06	0.05	8.58	ppb
Lithium	6-1				88		%
Magnesium	24-2	2361.65	2383.97	2365.72	2370.45	0.50	ppb
Manganese	55-2	385.31	377.58	380.46	381.12	1.02	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX2	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:20:03	DataFile Name :	087SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.07	0.05	37.97	ppb
Molybdenum	95-1	0.11	0.10	0.08	0.10	13.87	ppb
Molybdenum	96-1	0.08	0.11	0.08	0.09	15.93	ppb
Molybdenum	97-1	0.12	0.12	0.10	0.11	6.70	ppb
Molybdenum	98-1	0.10	0.10	0.11	0.10	8.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.19	-0.22	-0.16		ppb
Phosphorus	31-2	-10.55	-10.55	13.89	-2.40		ppb
Potassium	39-2	91.57	112.55	98.62	100.91	10.58	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				84		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	0.33	0.35	2.03	0.91	107.92	ppb
Selenium	82-1	-0.18	0.63	-0.69	-0.08		ppb
Silicon	28-1	740.76	727.49	731.28	733.18	0.93	ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	107-1	0.00	-0.01	-0.02	-0.01		ppb
Sodium	23-2	2253.60	2243.79	2284.49	2260.63	0.94	ppb
Strontium	86-1	9.90	10.27	10.16	10.11	1.90	ppb
Strontium	88-1	10.38	10.20	10.48	10.36	1.40	ppb
Sulfur	34-1	-1035.19	-1950.32	-1388.91	-1458.14		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.00	0.00	0.00	666.42	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	162.32	ppb
Tin	118-1	0.06	0.02	-0.01	0.02	131.77	ppb
Titanium	47-1	0.39	0.29	0.50	0.39	26.76	ppb
Uranium	238-1	0.06	0.07	0.06	0.06	7.73	ppb
Vanadium	51-2	0.20	0.18	0.13	0.17	19.28	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	0.17	0.11	0.41	0.23	69.86	ppb
Zirconium	90-1	0.00	0.03	0.01	0.01	90.11	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX2	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:20:03	DataFile Name :	087SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.03	0.03	33.47	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-07RE	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:23:10	DataFile Name :	088SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.10	2.60	2.63	3.11	27.56	ppb
Antimony	121-1	0.02	0.03	0.02	0.03	22.27	ppb
Arsenic	75-2	-0.04	-0.06	-0.02	-0.04		ppb
Barium	135-1	0.17	0.29	0.18	0.21	30.31	ppb
Barium	137-1	0.20	0.19	0.17	0.19	8.17	ppb
Beryllium	9-1	0.05	0.02	0.05	0.04	42.62	ppb
Bismuth	209-1				113		%
Bismuth	209-2				111		%
Boron	10-1	13.89	17.23	14.01	15.04	12.58	ppb
Boron	11-1	13.54	14.82	13.44	13.93	5.54	ppb
Cadmium	111-1	-0.13	-0.12	-0.17	-0.14		ppb
Cadmium	106-1	-1.78	-1.52	-2.41	-1.90		ppb
Cadmium	108-1	-0.01	0.00	-0.01	-0.01		ppb
Calcium	43-1	-9.64	7.71	-11.66	-4.53		ppb
Calcium	44-1	7.52	15.08	10.57	11.06	34.42	ppb
Chromium	52-2	-0.05	0.00	0.05	0.00	5100.59	ppb
Cobalt	59-2	-0.02	-0.01	0.00	-0.01		ppb
Copper	63-2	0.05	0.02	0.01	0.02	84.21	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				112		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	9.77	10.33	9.92	10.01	2.92	ppb
Iron	57-2	12.86	9.38	8.09	10.11	24.44	ppb
Lead	206-1	0.04	0.05	0.04	0.05	14.32	ppb
Lead	207-1	0.03	0.02	0.03	0.03	22.63	ppb
Lead	208-1	0.04	0.04	0.04	0.04	3.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.53	-10.26	-8.28	-6.01		ppb
Manganese	55-2	0.84	1.04	0.74	0.87	17.61	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-07RE	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:23:10	DataFile Name :	088SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.04	-0.01	-0.03	-0.03		ppb
Molybdenum	95-1	0.01	0.00	0.00	0.01	61.26	ppb
Molybdenum	96-1	0.02	0.01	-0.01	0.01	178.10	ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	91.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.30	-0.21	-0.15	-0.22		ppb
Phosphorus	31-2	-10.55	-10.55	-10.55	-10.55		ppb
Potassium	39-2	-8.33	-17.24	-26.31	-17.29		ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	-0.50	1.00	0.25	0.25	300.48	ppb
Selenium	82-1	-0.83	-0.44	-0.48	-0.58		ppb
Silicon	28-1	-58.24	-43.29	-54.92	-52.15		ppb
Silver	109-1	0.09	0.15	0.06	0.10	44.84	ppb
Silver	107-1	0.06	0.48	0.10	0.22	106.31	ppb
Sodium	23-2	-94.83	-73.78	-77.92	-82.18		ppb
Strontium	86-1	0.24	0.26	0.21	0.24	9.28	ppb
Strontium	88-1	0.25	0.29	0.26	0.27	6.92	ppb
Sulfur	34-1	-4757.19	-3285.22	-4242.01	-4094.81		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.00	0.01	0.01	51.41	ppb
Thallium	205-1	0.02	0.00	0.00	0.01	176.20	ppb
Tin	118-1	-0.02	-0.01	-0.02	-0.02		ppb
Titanium	47-1	-0.01	-0.03	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00	1194.57	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	0.71	0.72	0.42	0.61	27.40	ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-07RE	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:23:10	DataFile Name :	088SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.00	0.00	318.55	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:26:18	DataFile Name :	089SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.71	4.55	4.51	6.26	47.77	ppb
Antimony	121-1	0.03	0.03	0.04	0.04	10.22	ppb
Arsenic	75-2	-0.06	0.02	-0.04	-0.03		ppb
Barium	135-1	1.93	1.87	1.68	1.83	7.01	ppb
Barium	137-1	1.73	1.82	1.86	1.80	3.69	ppb
Beryllium	9-1	0.06	-0.04	0.04	0.02	272.51	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	92.75	89.37	96.11	92.74	3.63	ppb
Boron	11-1	92.29	93.19	98.47	94.65	3.53	ppb
Cadmium	111-1	-0.08	-0.19	-0.11	-0.13		ppb
Cadmium	106-1	-1.06	-2.67	-1.52	-1.75		ppb
Cadmium	108-1	-0.07	0.03	0.00	-0.01		ppb
Calcium	43-1	6204.05	6129.80	6209.04	6180.96	0.72	ppb
Calcium	44-1	6353.44	6267.86	6355.51	6325.61	0.79	ppb
Chromium	52-2	0.09	0.16	0.15	0.13	26.81	ppb
Cobalt	59-2	0.06	0.07	0.11	0.08	36.34	ppb
Copper	63-2	0.11	0.07	0.09	0.09	20.57	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				100		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	12.75	13.25	11.90	12.63	5.43	ppb
Iron	57-2	12.11	13.91	14.30	13.44	8.70	ppb
Lead	206-1	0.06	0.06	0.07	0.06	9.24	ppb
Lead	207-1	0.06	0.05	0.05	0.05	8.84	ppb
Lead	208-1	0.06	0.06	0.06	0.06	0.65	ppb
Lithium	6-1				92		%
Magnesium	24-2	2487.91	2532.92	2449.45	2490.09	1.68	ppb
Manganese	55-2	246.60	246.97	244.22	245.93	0.61	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:26:18	DataFile Name :	089SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.00	0.01	0.02	135.52	ppb
Molybdenum	95-1	0.06	0.06	0.06	0.06	6.01	ppb
Molybdenum	96-1	0.07	0.07	0.04	0.06	28.66	ppb
Molybdenum	97-1	0.08	0.05	0.05	0.06	34.03	ppb
Molybdenum	98-1	0.06	0.09	0.07	0.07	23.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.05	0.01	-0.06		ppb
Phosphorus	31-2	-10.55	13.37	60.78	21.20	171.21	ppb
Potassium	39-2	86.98	104.30	63.72	85.00	23.95	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	77-2	3.55	-1.55	-1.55	0.15	1925.77	ppb
Selenium	78-2	-0.50	0.32	0.32	0.05	1029.42	ppb
Selenium	82-1	-1.30	-0.36	-0.54	-0.73		ppb
Silicon	28-1	721.61	720.29	725.35	722.42	0.36	ppb
Silver	109-1	-0.03	-0.02	0.00	-0.01		ppb
Silver	107-1	-0.02	-0.01	-0.01	-0.02		ppb
Sodium	23-2	2815.62	2773.66	2784.61	2791.30	0.78	ppb
Strontium	86-1	10.74	11.15	11.10	11.00	2.00	ppb
Strontium	88-1	11.31	11.11	11.15	11.19	0.95	ppb
Sulfur	34-1	-1895.22	-1957.99	-1820.28	-1891.16		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.01	0.00	0.00	255.05	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.00	0.00	0.02	0.01	173.12	ppb
Titanium	47-1	0.18	0.18	0.16	0.17	6.68	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	2.70	ppb
Vanadium	51-2	0.23	0.15	0.21	0.20	20.21	ppb
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	0.92	0.61	0.93	0.82	22.16	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	643.71	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:26:18	DataFile Name :	089SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.00	0.01	139.36	ppb

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-11DLX20 Instrumnet Name : P8
 Client Sample ID : MBDYX4 Dilution Factor : 20
 Date & Time Acquired :: 2017-12-18 19:29:26 DataFile Name : 090SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.21	10.61	2.88	6.57	59.08	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	16.09	ppb
Arsenic	75-2	-0.04	0.03	0.00	-0.01		ppb
Barium	135-1	1.32	1.44	1.32	1.36	5.06	ppb
Barium	137-1	1.41	1.51	1.36	1.43	5.26	ppb
Beryllium	9-1	0.03	0.06	0.03	0.04	36.85	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	55.89	50.61	51.49	52.67	5.37	ppb
Boron	11-1	53.07	57.18	53.46	54.57	4.16	ppb
Cadmium	111-1	-0.05	-0.10	-0.14	-0.10		ppb
Cadmium	106-1	-0.51	-1.38	-1.83	-1.24		ppb
Cadmium	108-1	0.03	0.03	0.07	0.05	43.89	ppb
Calcium	43-1	5503.62	5453.62	5445.54	5467.60	0.58	ppb
Calcium	44-1	5569.42	5614.72	5602.06	5595.40	0.42	ppb
Chromium	52-2	0.01	0.10	0.11	0.07	79.24	ppb
Cobalt	59-2	0.06	0.03	0.05	0.05	29.66	ppb
Copper	63-2	0.16	0.11	0.14	0.14	21.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	8.79	10.11	9.00	9.30	7.59	ppb
Iron	57-2	4.46	15.63	9.97	10.02	55.73	ppb
Lead	206-1	0.09	0.08	0.08	0.08	8.99	ppb
Lead	207-1	0.06	0.06	0.05	0.06	7.83	ppb
Lead	208-1	0.08	0.08	0.08	0.08	6.18	ppb
Lithium	6-1				92		%
Magnesium	24-2	1967.29	2203.59	1998.95	2056.61	6.24	ppb
Manganese	55-2	32.69	36.35	33.51	34.18	5.63	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX4	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:29:26	DataFile Name :	090SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.04	0.03	0.03	47.52	ppb
Molybdenum	95-1	0.03	0.10	0.09	0.08	49.79	ppb
Molybdenum	96-1	0.05	0.06	0.06	0.06	18.04	ppb
Molybdenum	97-1	0.04	0.03	0.04	0.04	15.83	ppb
Molybdenum	98-1	0.07	0.05	0.05	0.06	16.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.14	0.10	-0.06		ppb
Phosphorus	31-2	-10.55	-10.55	13.43	-2.56		ppb
Potassium	39-2	119.11	162.86	116.76	132.91	19.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				83		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	-0.50	0.41	0.31	0.07	690.90	ppb
Selenium	82-1	0.60	-0.17	-0.63	-0.07		ppb
Silicon	28-1	659.93	672.06	680.92	670.97	1.57	ppb
Silver	109-1	-0.03	-0.01	-0.02	-0.02		ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	1493.90	1722.66	1476.29	1564.28	8.79	ppb
Strontium	86-1	8.74	9.23	9.50	9.16	4.21	ppb
Strontium	88-1	9.33	9.38	9.23	9.31	0.82	ppb
Sulfur	34-1	-1818.32	-1723.70	-1639.22	-1727.08		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	-0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.19	0.19	0.11	0.16	28.46	ppb
Uranium	238-1	0.05	0.05	0.04	0.05	10.94	ppb
Vanadium	51-2	0.23	0.21	0.18	0.21	12.76	ppb
Yttrium	89-1				98		%
Yttrium	89-2				89		%
Zinc	66-2	0.34	0.16	0.25	0.25	36.26	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	84.34	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX4	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:29:26	DataFile Name :	090SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.04	0.02	165.72	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:32:33	DataFile Name :	091SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.15	-0.49	1.18	0.61	155.81	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	24.29	ppb
Arsenic	75-2	0.00	-0.06	-0.04	-0.04		ppb
Barium	135-1	0.91	0.95	0.82	0.89	7.60	ppb
Barium	137-1	0.82	0.92	0.84	0.86	5.99	ppb
Beryllium	9-1	0.06	0.07	0.00	0.04	79.32	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	124.52	120.03	117.73	120.76	2.86	ppb
Boron	11-1	118.63	121.57	124.22	121.47	2.30	ppb
Cadmium	111-1	-0.14	-0.05	-0.21	-0.13		ppb
Cadmium	106-1	-1.97	-0.58	-2.81	-1.78		ppb
Cadmium	108-1	-0.07	0.03	-0.07	-0.04		ppb
Calcium	43-1	5219.66	5260.50	5283.23	5254.46	0.61	ppb
Calcium	44-1	5397.00	5315.00	5440.31	5384.10	1.18	ppb
Chromium	52-2	0.09	0.10	0.12	0.10	18.54	ppb
Cobalt	59-2	0.08	0.07	0.06	0.07	10.91	ppb
Copper	63-2	0.03	0.06	0.03	0.04	49.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	14.90	16.87	16.42	16.06	6.43	ppb
Iron	57-2	16.01	16.01	16.74	16.25	2.57	ppb
Lead	206-1	0.06	0.08	0.07	0.07	14.37	ppb
Lead	207-1	0.04	0.06	0.05	0.05	21.62	ppb
Lead	208-1	0.05	0.06	0.06	0.06	9.98	ppb
Lithium	6-1				91		%
Magnesium	24-2	1987.78	2065.94	1996.39	2016.70	2.13	ppb
Manganese	55-2	77.62	79.35	78.74	78.57	1.11	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:32:33	DataFile Name :	091SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.02	0.02	44.29	ppb
Molybdenum	95-1	0.10	0.07	0.07	0.08	20.72	ppb
Molybdenum	96-1	0.04	0.06	0.06	0.06	20.73	ppb
Molybdenum	97-1	0.03	0.04	0.07	0.05	43.00	ppb
Molybdenum	98-1	0.07	0.07	0.06	0.06	11.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.21	-0.18	-0.06	-0.15		ppb
Phosphorus	31-2	36.38	-10.55	13.19	13.01	180.39	ppb
Potassium	39-2	81.72	69.28	56.36	69.12	18.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	0.31	-0.50	-0.50	-0.23		ppb
Selenium	82-1	0.54	-0.26	0.03	0.11	383.11	ppb
Silicon	28-1	670.71	658.43	674.56	667.90	1.26	ppb
Silver	109-1	-0.03	0.00	-0.01	-0.01		ppb
Silver	107-1	-0.02	-0.02	-0.01	-0.02		ppb
Sodium	23-2	1221.43	1246.70	1210.49	1226.21	1.51	ppb
Strontium	86-1	8.83	8.68	8.54	8.68	1.72	ppb
Strontium	88-1	8.86	8.87	8.88	8.87	0.09	ppb
Sulfur	34-1	-1706.97	-1972.17	-1772.92	-1817.35		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.01	0.00	-0.01	0.00		ppb
Titanium	47-1	0.00	0.02	0.02	0.01	74.81	ppb
Uranium	238-1	0.05	0.06	0.05	0.05	8.64	ppb
Vanadium	51-2	0.04	0.05	0.04	0.05	15.54	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	0.19	0.14	0.46	0.26	65.96	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	328.11	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:32:33	DataFile Name :	091SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.02	0.01	122.02	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:35:41	DataFile Name :	092SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.18	49.12	48.23	45.84	10.74	ppb
Antimony	121-1	0.04	0.02	0.02	0.03	29.44	ppb
Arsenic	75-2	0.00	-0.04	0.00	-0.02		ppb
Barium	135-1	3.83	4.01	4.07	3.97	3.21	ppb
Barium	137-1	4.02	3.87	3.83	3.91	2.56	ppb
Beryllium	9-1	0.03	0.02	0.07	0.04	64.68	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	27.66	24.33	26.74	26.24	6.55	ppb
Boron	11-1	26.44	27.37	28.11	27.30	3.07	ppb
Cadmium	111-1	-0.16	-0.21	-0.06	-0.15		ppb
Cadmium	106-1	-2.25	-3.20	-0.90	-2.12		ppb
Cadmium	108-1	0.00	0.00	0.03	0.01	274.18	ppb
Calcium	43-1	11345.76	11161.07	11052.62	11186.49	1.32	ppb
Calcium	44-1	11480.91	11444.88	11372.09	11432.63	0.48	ppb
Chromium	52-2	0.07	0.19	0.11	0.12	46.82	ppb
Cobalt	59-2	0.15	0.18	0.12	0.15	20.59	ppb
Copper	63-2	0.18	0.19	0.20	0.19	5.53	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				107		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	59.34	60.29	60.52	60.05	1.04	ppb
Iron	57-2	53.81	61.10	53.23	56.05	7.83	ppb
Lead	206-1	0.08	0.09	0.06	0.08	17.83	ppb
Lead	207-1	0.07	0.07	0.06	0.07	4.08	ppb
Lead	208-1	0.08	0.08	0.08	0.08	3.20	ppb
Lithium	6-1				94		%
Magnesium	24-2	4094.26	4099.70	3985.00	4059.65	1.59	ppb
Manganese	55-2	358.94	360.96	360.39	360.09	0.29	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:35:41	DataFile Name :	092SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.10	0.13	0.13	25.75	ppb
Molybdenum	95-1	0.20	0.20	0.17	0.19	7.67	ppb
Molybdenum	96-1	0.15	0.14	0.15	0.15	1.95	ppb
Molybdenum	97-1	0.21	0.16	0.15	0.17	19.89	ppb
Molybdenum	98-1	0.17	0.16	0.17	0.17	5.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	0.09	0.01	600.97	ppb
Phosphorus	31-2	12.63	-10.55	12.59	4.89	273.29	ppb
Potassium	39-2	164.35	152.75	149.47	155.53	5.03	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				88		%
Selenium	77-2	-1.55	8.37	-1.55	1.76	325.46	ppb
Selenium	78-2	1.10	-0.50	1.09	0.56	164.36	ppb
Selenium	82-1	-1.10	-0.18	-0.02	-0.43		ppb
Silicon	28-1	833.56	827.35	823.28	828.07	0.62	ppb
Silver	109-1	-0.02	-0.01	0.00	-0.01		ppb
Silver	107-1	-0.02	-0.03	0.01	-0.02		ppb
Sodium	23-2	2441.84	2481.18	2448.22	2457.08	0.86	ppb
Strontium	86-1	25.50	25.54	25.91	25.65	0.89	ppb
Strontium	88-1	26.04	25.93	26.21	26.06	0.55	ppb
Sulfur	34-1	-2432.18	-2541.04	-2499.05	-2490.75		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.01	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Tin	118-1	0.00	0.00	0.03	0.01	211.30	ppb
Titanium	47-1	2.04	1.87	2.17	2.02	7.47	ppb
Uranium	238-1	0.08	0.09	0.09	0.09	7.92	ppb
Vanadium	51-2	0.28	0.30	0.32	0.30	7.46	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	0.53	0.60	0.50	0.54	9.32	ppb
Zirconium	90-1	0.03	0.01	0.03	0.02	39.17	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:35:41	DataFile Name :	092SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.06	0.03	60.44	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:38:47	DataFile Name :	093SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.49	2.76	-0.49	0.59	315.88	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	28.00	ppb
Arsenic	75-2	0.00	-0.04	-0.04	-0.03		ppb
Barium	135-1	1.92	1.89	1.98	1.93	2.25	ppb
Barium	137-1	1.80	1.71	1.71	1.74	3.26	ppb
Beryllium	9-1	0.03	0.00	0.02	0.02	107.33	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	26.80	26.15	27.97	26.97	3.43	ppb
Boron	11-1	26.11	27.25	28.65	27.34	4.65	ppb
Cadmium	111-1	-0.19	-0.15	-0.12	-0.15		ppb
Cadmium	106-1	-2.58	-1.87	-1.85	-2.10		ppb
Cadmium	108-1	0.00	0.03	-0.04	0.00		ppb
Calcium	43-1	3708.54	3696.66	3745.09	3716.76	0.68	ppb
Calcium	44-1	3753.62	3734.12	3793.55	3760.43	0.81	ppb
Chromium	52-2	0.23	0.11	0.05	0.13	71.18	ppb
Cobalt	59-2	0.16	0.16	0.16	0.16	1.80	ppb
Copper	63-2	0.02	0.07	0.04	0.04	54.80	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				107		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	6.00	6.44	7.66	6.70	12.86	ppb
Iron	57-2	7.63	7.13	6.13	6.97	10.97	ppb
Lead	206-1	0.07	0.06	0.05	0.06	13.84	ppb
Lead	207-1	0.07	0.07	0.04	0.06	29.25	ppb
Lead	208-1	0.06	0.07	0.05	0.06	16.99	ppb
Lithium	6-1				93		%
Magnesium	24-2	1703.26	1618.84	1634.01	1652.04	2.72	ppb
Manganese	55-2	12.28	12.15	11.88	12.10	1.67	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:38:47	DataFile Name :	093SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.00	0.02	0.00		ppb
Molybdenum	95-1	0.05	0.02	0.04	0.04	50.10	ppb
Molybdenum	96-1	0.02	0.05	0.05	0.04	40.61	ppb
Molybdenum	97-1	0.05	0.05	0.02	0.04	41.54	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	15.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.22	-0.13	0.10	-0.08		ppb
Phosphorus	31-2	-10.55	12.64	35.65	12.58	183.60	ppb
Potassium	39-2	71.70	86.11	70.14	75.98	11.59	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	77-2	-1.55	3.42	3.43	1.77	162.31	ppb
Selenium	78-2	1.09	-0.50	0.30	0.29	270.60	ppb
Selenium	82-1	-0.32	0.20	0.27	0.05	655.08	ppb
Silicon	28-1	778.66	771.84	794.63	781.71	1.50	ppb
Silver	109-1	-0.03	-0.01	-0.01	-0.02		ppb
Silver	107-1	-0.02	-0.02	0.00	-0.01		ppb
Sodium	23-2	1512.23	1552.62	1497.94	1520.93	1.86	ppb
Strontium	86-1	5.59	5.96	5.52	5.69	4.14	ppb
Strontium	88-1	5.66	5.79	5.79	5.75	1.34	ppb
Sulfur	34-1	-2164.76	-2109.37	-1706.71	-1993.61		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
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	0.01	-0.01	0.00	0.00		ppb
Titanium	47-1	0.04	0.07	0.05	0.05	31.03	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	42.07	ppb
Vanadium	51-2	0.11	0.11	0.12	0.11	5.29	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	0.36	0.41	0.55	0.44	22.96	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:38:47	DataFile Name :	093SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.03	0.01	85.37	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-17DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX3	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:41:55	DataFile Name :	094SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	294.86	332.04	399.48	342.13	15.50	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	40.60	ppb
Arsenic	75-2	0.17	0.12	0.06	0.12	51.36	ppb
Barium	135-1	5.54	5.68	5.32	5.51	3.34	ppb
Barium	137-1	5.66	5.34	5.57	5.52	2.96	ppb
Beryllium	9-1	0.06	0.01	0.00	0.02	151.87	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	16.80	16.76	16.47	16.68	1.07	ppb
Boron	11-1	16.03	16.48	17.59	16.70	4.81	ppb
Cadmium	111-1	-0.20	-0.17	-0.14	-0.17		ppb
Cadmium	106-1	-2.97	-2.38	-1.84	-2.40		ppb
Cadmium	108-1	-0.04	0.07	0.10	0.04	171.51	ppb
Calcium	43-1	2675.67	2675.26	2645.17	2665.37	0.66	ppb
Calcium	44-1	2638.63	2649.46	2651.54	2646.54	0.26	ppb
Chromium	52-2	0.65	0.64	0.68	0.66	2.71	ppb
Cobalt	59-2	0.42	0.42	0.42	0.42	0.28	ppb
Copper	63-2	0.61	0.65	0.65	0.64	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	435.37	426.95	445.54	435.95	2.14	ppb
Iron	57-2	442.97	420.12	426.43	429.84	2.75	ppb
Lead	206-1	0.29	0.30	0.32	0.30	4.79	ppb
Lead	207-1	0.24	0.29	0.26	0.26	9.56	ppb
Lead	208-1	0.28	0.29	0.29	0.28	2.51	ppb
Lithium	6-1				93		%
Magnesium	24-2	781.97	799.59	822.49	801.35	2.54	ppb
Manganese	55-2	116.66	112.80	118.08	115.85	2.36	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-17DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX3	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:41:55	DataFile Name :	094SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.09	0.07	0.09	28.69	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	20.50	ppb
Molybdenum	96-1	0.01	0.04	0.00	0.02	98.39	ppb
Molybdenum	97-1	0.01	0.03	0.03	0.02	46.39	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	46.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.13	0.33	0.20	53.50	ppb
Phosphorus	31-2	-10.55	12.45	36.97	12.96	183.38	ppb
Potassium	39-2	89.52	70.85	123.21	94.52	28.08	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				88		%
Selenium	77-2	-1.55	3.40	-1.55	0.10	2789.46	ppb
Selenium	78-2	0.29	4.30	1.09	1.89	112.08	ppb
Selenium	82-1	-0.22	-1.15	0.15	-0.40		ppb
Silicon	28-1	557.44	540.41	530.65	542.83	2.50	ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	107-1	-0.02	-0.01	-0.01	-0.01		ppb
Sodium	23-2	6405.33	6338.61	6556.98	6433.64	1.74	ppb
Strontium	86-1	11.72	11.35	11.48	11.52	1.65	ppb
Strontium	88-1	11.81	11.70	11.83	11.78	0.61	ppb
Sulfur	34-1	-2339.00	-2270.38	-2139.55	-2249.64		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
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	0.00	0.00	0.02	0.00	210.74	ppb
Titanium	47-1	12.42	11.87	10.85	11.71	6.84	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	3.83	ppb
Vanadium	51-2	0.87	0.89	0.79	0.85	6.15	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	0.98	1.15	1.28	1.14	13.23	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	10.85	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-17DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX3	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:41:55	DataFile Name :	094SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.05	0.06	0.06	16.64	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX5	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:45:02	DataFile Name :	095SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	395.88	381.38	375.20	384.15	2.76	ppb
Antimony	121-1	0.05	0.02	0.05	0.04	40.54	ppb
Arsenic	75-2	0.18	0.20	0.14	0.17	17.77	ppb
Barium	135-1	5.21	5.34	5.62	5.39	3.82	ppb
Barium	137-1	5.04	5.65	5.38	5.36	5.72	ppb
Beryllium	9-1	-0.03	0.05	0.01	0.01	454.89	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	26.02	29.14	26.74	27.30	5.98	ppb
Boron	11-1	28.12	30.41	29.62	29.38	3.96	ppb
Cadmium	111-1	-0.17	-0.16	-0.16	-0.16		ppb
Cadmium	106-1	-2.23	-2.17	-2.11	-2.17		ppb
Cadmium	108-1	0.03	0.03	-0.01	0.02	111.16	ppb
Calcium	43-1	4980.58	4990.29	4827.47	4932.78	1.85	ppb
Calcium	44-1	5057.54	5025.02	4969.76	5017.44	0.88	ppb
Chromium	52-2	8.78	8.49	8.36	8.55	2.53	ppb
Cobalt	59-2	0.49	0.50	0.53	0.51	4.13	ppb
Copper	63-2	1.81	1.61	1.73	1.72	5.88	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				103		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	586.95	582.71	595.06	588.24	1.07	ppb
Iron	57-2	602.32	570.13	584.58	585.68	2.75	ppb
Lead	206-1	0.26	0.27	0.24	0.26	5.97	ppb
Lead	207-1	0.29	0.26	0.28	0.27	5.96	ppb
Lead	208-1	0.27	0.27	0.26	0.26	2.83	ppb
Lithium	6-1				93		%
Magnesium	24-2	1825.06	1852.64	1803.88	1827.20	1.34	ppb
Manganese	55-2	40.71	40.28	41.84	40.94	1.97	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX5	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:45:02	DataFile Name :	095SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.73	0.75	0.77	0.75	2.53	ppb
Molybdenum	95-1	1.28	1.01	1.00	1.10	14.58	ppb
Molybdenum	96-1	0.96	1.03	0.93	0.97	5.52	ppb
Molybdenum	97-1	0.97	1.07	1.05	1.03	5.29	ppb
Molybdenum	98-1	1.02	0.98	1.12	1.04	6.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.96	6.01	6.09	6.02	1.11	ppb
Phosphorus	31-2	12.89	59.53	60.22	44.21	61.37	ppb
Potassium	39-2	187.87	173.30	168.15	176.44	5.80	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	77-2	-1.55	-1.55	3.47	0.13	2306.98	ppb
Selenium	78-2	1.93	0.31	1.93	1.39	67.55	ppb
Selenium	82-1	0.49	0.05	-1.00	-0.15		ppb
Silicon	28-1	792.40	797.74	814.86	801.67	1.46	ppb
Silver	109-1	0.00	0.03	0.00	0.01	138.65	ppb
Silver	107-1	0.00	0.02	0.02	0.02	74.52	ppb
Sodium	23-2	4387.81	4344.23	4399.95	4377.33	0.67	ppb
Strontium	86-1	22.10	21.33	20.67	21.37	3.33	ppb
Strontium	88-1	21.98	21.93	21.57	21.83	1.02	ppb
Sulfur	34-1	-1688.09	-1737.87	-1804.23	-1743.40		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.02		ppb
Tin	118-1	0.00	0.02	0.00	0.01	168.08	ppb
Titanium	47-1	14.73	13.92	14.65	14.43	3.07	ppb
Uranium	238-1	0.23	0.22	0.22	0.22	2.38	ppb
Vanadium	51-2	0.88	0.76	0.88	0.84	8.17	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	4.39	4.78	4.59	4.59	4.24	ppb
Zirconium	90-1	0.04	0.05	0.03	0.04	19.02	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX5	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:45:02	DataFile Name :	095SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.06	0.06	7.07	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-19DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYZ8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:48:09	DataFile Name :	096SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.44	10.99	7.77	7.74	42.34	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	40.97	ppb
Arsenic	75-2	-0.04	-0.06	-0.04	-0.05		ppb
Barium	135-1	0.06	0.02	0.02	0.03	63.26	ppb
Barium	137-1	0.01	0.02	0.02	0.02	24.77	ppb
Beryllium	9-1	-0.04	-0.05	0.04	-0.02		ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	9.08	7.55	10.37	9.00	15.66	ppb
Boron	11-1	8.72	7.81	8.85	8.46	6.70	ppb
Cadmium	111-1	-0.13	-0.19	-0.13	-0.15		ppb
Cadmium	106-1	-1.81	-2.49	-1.68	-1.99		ppb
Cadmium	108-1	-0.04	0.03	-0.04	-0.02		ppb
Calcium	43-1	-32.11	-30.02	-28.62	-30.25		ppb
Calcium	44-1	-20.86	-17.47	-17.41	-18.58		ppb
Chromium	52-2	0.00	0.16	0.13	0.10	84.81	ppb
Cobalt	59-2	-0.01	-0.01	-0.03	-0.02		ppb
Copper	63-2	0.00	-0.05	0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	3.64	3.99	3.35	3.66	8.85	ppb
Iron	57-2	6.27	1.88	6.80	4.98	54.21	ppb
Lead	206-1	0.05	0.08	0.04	0.06	29.12	ppb
Lead	207-1	0.05	0.05	0.04	0.04	16.97	ppb
Lead	208-1	0.05	0.07	0.05	0.06	14.45	ppb
Lithium	6-1				93		%
Magnesium	24-2	-9.61	-13.32	-10.55	-11.16		ppb
Manganese	55-2	0.26	0.11	0.27	0.21	43.08	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-19DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYZ8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:48:09	DataFile Name :	096SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.03	-0.02	-0.02		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	73.01	ppb
Molybdenum	97-1	0.01	0.00	-0.02	0.00		ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.12	-0.16	-0.18		ppb
Phosphorus	31-2	36.34	-10.55	60.10	28.63	125.56	ppb
Potassium	39-2	-21.34	-22.34	-25.21	-22.96		ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	1.11	0.31	2.75	1.39	89.50	ppb
Selenium	82-1	-0.47	-0.40	-1.07	-0.65		ppb
Silicon	28-1	-35.16	-32.83	-36.31	-34.77		ppb
Silver	109-1	-0.01	-0.03	-0.02	-0.02		ppb
Silver	107-1	-0.03	-0.03	-0.02	-0.02		ppb
Sodium	23-2	-78.40	-86.19	-69.52	-78.04		ppb
Strontium	86-1	0.04	0.05	0.06	0.05	25.03	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	11.78	ppb
Sulfur	34-1	-2458.76	-2139.42	-2316.09	-2304.76		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.01		ppb
Tin	118-1	-0.01	-0.02	0.01	-0.01		ppb
Titanium	47-1	0.12	0.07	0.10	0.10	24.42	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.02	0.01	0.02	45.57	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	0.25	0.07	0.19	0.17	52.67	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-19DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYZ8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:48:09	DataFile Name :	096SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.03	0.02	89.68	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-20DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT3	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:51:17	DataFile Name :	097CCV_P8121817MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.93	28.29	36.59	25.94	46.28	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	106.22	ppb
Arsenic	75-2	-0.04	0.02	-0.02	-0.01		ppb
Barium	135-1	0.74	0.78	0.76	0.76	2.52	ppb
Barium	137-1	0.87	0.76	0.82	0.82	6.51	ppb
Beryllium	9-1	-0.02	0.07	0.00	0.02	256.34	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	10.70	10.70	10.60	10.67	0.57	ppb
Boron	11-1	9.76	10.64	10.19	10.20	4.35	ppb
Cadmium	111-1	-0.09	-0.09	-0.13	-0.10		ppb
Cadmium	106-1	-1.09	-1.17	-1.71	-1.32		ppb
Cadmium	108-1	0.00	0.03	-0.04	0.00		ppb
Calcium	43-1	1311.27	1279.19	1296.30	1295.59	1.24	ppb
Calcium	44-1	1302.99	1299.75	1315.12	1305.95	0.62	ppb
Chromium	52-2	0.31	0.31	0.22	0.28	17.82	ppb
Cobalt	59-2	0.04	0.01	0.02	0.02	83.34	ppb
Copper	63-2	0.36	0.30	0.43	0.36	18.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	33.49	35.11	32.53	33.71	3.86	ppb
Iron	57-2	41.19	31.08	26.94	33.07	22.17	ppb
Lead	206-1	0.07	0.09	0.09	0.08	10.62	ppb
Lead	207-1	0.07	0.07	0.07	0.07	4.96	ppb
Lead	208-1	0.08	0.08	0.08	0.08	4.28	ppb
Lithium	6-1				92		%
Magnesium	24-2	591.86	586.52	570.65	583.01	1.89	ppb
Manganese	55-2	2.18	2.08	1.95	2.07	5.46	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-20DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT3	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:51:17	DataFile Name :	097CCV_P8121817MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.03	-0.02	0.00		ppb
Molybdenum	95-1	0.01	0.02	0.00	0.01	81.05	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	73.98	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	27.39	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	21.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.18	-0.09	-0.14		ppb
Phosphorus	31-2	-10.55	-10.55	37.52	5.47	506.93	ppb
Potassium	39-2	38.65	35.41	28.47	34.18	15.22	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				85		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	-0.50	0.32	0.33	0.05	1020.48	ppb
Selenium	82-1	-0.92	-0.56	-1.15	-0.88		ppb
Silicon	28-1	771.87	767.32	778.15	772.45	0.70	ppb
Silver	109-1	-0.03	-0.03	-0.02	-0.02		ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	2196.44	2261.92	2219.78	2226.05	1.49	ppb
Strontium	86-1	2.13	2.35	2.16	2.21	5.34	ppb
Strontium	88-1	2.32	2.31	2.29	2.31	0.75	ppb
Sulfur	34-1	-2052.66	-1964.90	-1701.62	-1906.39		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.01	-0.01	0.03	0.01	277.43	ppb
Titanium	47-1	0.93	0.62	0.72	0.76	21.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.23	0.18	0.34	0.25	32.47	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	0.81	0.41	0.73	0.65	33.24	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	75.13	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-20DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT3	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:51:17	DataFile Name :	097CCV_P8121817MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.06	0.04	0.04	32.49	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-21DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW4	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:59:44	DataFile Name :	098SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.05	4.75	4.58	5.79	33.73	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	9.63	ppb
Arsenic	75-2	-0.06	-0.04	-0.04	-0.05		ppb
Barium	135-1	2.94	3.17	3.01	3.04	3.91	ppb
Barium	137-1	3.13	3.04	3.16	3.11	2.07	ppb
Beryllium	9-1	0.01	-0.01	0.04	0.02	153.24	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	22.76	24.51	24.00	23.76	3.78	ppb
Boron	11-1	24.89	26.03	26.40	25.77	3.06	ppb
Cadmium	111-1	-0.22	-0.28	-0.19	-0.23		ppb
Cadmium	106-1	-3.03	-3.90	-2.54	-3.16		ppb
Cadmium	108-1	-0.07	-0.04	-0.04	-0.05		ppb
Calcium	43-1	3400.71	3382.14	3233.87	3338.91	2.74	ppb
Calcium	44-1	3386.95	3407.06	3419.96	3404.66	0.49	ppb
Chromium	52-2	0.12	0.30	0.05	0.16	82.27	ppb
Cobalt	59-2	0.20	0.18	0.15	0.18	12.25	ppb
Copper	63-2	0.06	0.05	0.11	0.07	44.69	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				99		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	7.63	7.59	7.11	7.44	3.89	ppb
Iron	57-2	5.11	10.46	8.03	7.87	34.06	ppb
Lead	206-1	0.08	0.10	0.10	0.09	13.94	ppb
Lead	207-1	0.07	0.09	0.05	0.07	24.67	ppb
Lead	208-1	0.08	0.09	0.09	0.08	6.84	ppb
Lithium	6-1				91		%
Magnesium	24-2	1569.43	1546.51	1571.99	1562.64	0.90	ppb
Manganese	55-2	154.53	161.85	155.39	157.26	2.54	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-21DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW4	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:59:44	DataFile Name :	098SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.12	0.15	0.14	11.21	ppb
Molybdenum	95-1	0.26	0.27	0.29	0.27	6.28	ppb
Molybdenum	96-1	0.28	0.29	0.24	0.27	10.30	ppb
Molybdenum	97-1	0.25	0.29	0.25	0.26	8.92	ppb
Molybdenum	98-1	0.26	0.25	0.29	0.27	6.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.10	0.09	0.06	112.07	ppb
Phosphorus	31-2	-10.55	-10.55	-10.55	-10.55		ppb
Potassium	39-2	274.44	293.67	255.04	274.38	7.04	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				84		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	0.34	1.17	-0.50	0.33	251.38	ppb
Selenium	82-1	-0.17	-0.47	-0.97	-0.54		ppb
Silicon	28-1	919.87	921.39	923.89	921.72	0.22	ppb
Silver	109-1	-0.02	-0.03	-0.03	-0.03		ppb
Silver	107-1	-0.03	-0.02	-0.03	-0.03		ppb
Sodium	23-2	2843.50	2910.52	2781.12	2845.05	2.27	ppb
Strontium	86-1	6.79	6.88	6.47	6.71	3.19	ppb
Strontium	88-1	6.77	6.80	6.77	6.78	0.22	ppb
Sulfur	34-1	-1376.35	-1255.93	-1118.37	-1250.22		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.01	0.00	0.00	0.00	266.48	ppb
Titanium	47-1	0.10	0.18	0.21	0.16	35.48	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	14.90	ppb
Vanadium	51-2	0.13	0.08	0.11	0.11	21.50	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	2.97	2.88	2.85	2.90	2.11	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-21DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW4	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:59:44	DataFile Name :	098SMPL_P8121817MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	41.87	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV080	Instrumnet Name :	P8
Client Sample ID :	CCV080	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 20:02:52	DataFile Name :	099CCV_P8121817MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51467.84	51284.87	50841.90	51198.20	0.63	ppb
Antimony	121-1	504.81	500.16	500.20	501.72	0.53	ppb
Arsenic	75-2	497.31	503.78	489.88	496.99	1.40	ppb
Barium	135-1	2509.12	2530.24	2502.82	2514.06	0.57	ppb
Barium	137-1	2472.67	2511.80	2533.07	2505.85	1.22	ppb
Beryllium	9-1	520.64	518.97	513.81	517.81	0.69	ppb
Bismuth	209-1				101		%
Bismuth	209-2				91		%
Boron	10-1	523.24	535.52	516.05	524.94	1.88	ppb
Boron	11-1	516.97	521.19	530.39	522.85	1.31	ppb
Cadmium	111-1	478.45	480.74	485.87	481.69	0.79	ppb
Cadmium	106-1	480.21	478.34	493.99	484.18	1.76	ppb
Cadmium	108-1	478.68	486.41	477.18	480.75	1.03	ppb
Calcium	43-1	249933.22	245239.03	243123.25	246098.50	1.42	ppb
Calcium	44-1	245322.40	242403.28	241588.00	243104.56	0.81	ppb
Chromium	52-2	516.53	513.81	516.07	515.47	0.28	ppb
Cobalt	59-2	503.15	502.88	502.21	502.75	0.10	ppb
Copper	63-2	986.71	993.99	991.62	990.78	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	129068.61	128485.81	128107.86	128554.09	0.38	ppb
Iron	57-2	128699.65	129241.96	128198.68	128713.43	0.41	ppb
Lead	206-1	511.41	517.02	508.58	512.34	0.84	ppb
Lead	207-1	516.12	508.54	516.53	513.73	0.88	ppb
Lead	208-1	513.56	512.11	512.32	512.67	0.15	ppb
Lithium	6-1				86		%
Magnesium	24-2	255891.37	256451.43	254483.50	255608.77	0.40	ppb
Manganese	55-2	1011.60	1013.36	1013.48	1012.81	0.10	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV080	Instrumnet Name :	P8
Client Sample ID :	CCV080	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 20:02:52	DataFile Name :	099CCV_P8121817MS.C

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2524.76	2491.36	2496.98	2504.37	0.71	ppb
Molybdenum	95-1	2526.38	2509.81	2496.67	2510.95	0.59	ppb
Molybdenum	96-1	2519.62	2490.50	2489.28	2499.80	0.69	ppb
Molybdenum	97-1	2534.10	2504.13	2520.54	2519.59	0.60	ppb
Molybdenum	98-1	2532.56	2535.43	2502.62	2523.54	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.61	505.78	500.70	502.70	0.54	ppb
Phosphorus	31-2	10065.59	9278.56	9001.02	9448.39	5.84	ppb
Potassium	39-2	126004.25	127007.44	128092.03	127034.58	0.82	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				85		%
Selenium	77-2	525.19	453.42	461.89	480.17	8.17	ppb
Selenium	78-2	527.39	522.24	465.07	504.90	6.85	ppb
Selenium	82-1	489.87	486.32	483.84	486.68	0.62	ppb
Silicon	28-1	494.69	479.36	470.63	481.56	2.53	ppb
Silver	109-1	491.80	494.37	497.87	494.68	0.62	ppb
Silver	107-1	490.56	491.17	494.50	492.08	0.43	ppb
Sodium	23-2	255893.46	256105.29	254927.13	255641.96	0.25	ppb
Strontium	86-1	508.42	507.47	506.53	507.47	0.19	ppb
Strontium	88-1	511.58	510.41	513.47	511.82	0.30	ppb
Sulfur	34-1	8584.24	8406.06	8416.83	8469.04	1.18	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	520.85	514.40	513.52	516.26	0.77	ppb
Thallium	205-1	510.94	511.10	511.65	511.23	0.07	ppb
Tin	118-1	511.14	507.45	506.16	508.25	0.51	ppb
Titanium	47-1	2527.61	2520.16	2515.05	2520.94	0.25	ppb
Uranium	238-1	523.09	520.40	517.30	520.26	0.56	ppb
Vanadium	51-2	515.64	513.91	514.01	514.52	0.19	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	989.62	1000.91	986.27	992.27	0.77	ppb
Zirconium	90-1	501.11	500.09	500.35	500.51	0.11	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV080	Instrumnet Name :	P8
Client Sample ID :	CCV080	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 20:02:52	DataFile Name :	099CCV_P8121817MS.E

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.11	492.32	494.04	493.16	0.17	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB080	Instrumnet Name :	P8
Client Sample ID :	CCB080	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 20:05:50	DataFile Name :	100CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.49	1.15	1.18	0.61	156.09	ppb
Antimony	121-1	0.20	0.24	0.21	0.22	8.50	ppb
Arsenic	75-2	-0.02	-0.04	-0.02	-0.03		ppb
Barium	135-1	0.02	0.04	0.05	0.03	37.21	ppb
Barium	137-1	0.01	-0.01	0.01	0.00	202.46	ppb
Beryllium	9-1	0.25	0.24	0.26	0.25	2.65	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	17.81	17.84	14.79	16.81	10.40	ppb
Boron	11-1	18.02	15.48	14.92	16.14	10.22	ppb
Cadmium	111-1	-0.25	-0.21	-0.09	-0.18		ppb
Cadmium	106-1	-3.76	-2.86	-1.58	-2.73		ppb
Cadmium	108-1	0.11	0.07	0.11	0.10	22.77	ppb
Calcium	43-1	-26.89	-32.79	-30.94	-30.21		ppb
Calcium	44-1	-26.98	-24.95	-25.47	-25.80		ppb
Chromium	52-2	0.04	0.00	0.05	0.03	84.99	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00		ppb
Copper	63-2	0.03	0.02	0.00	0.02	113.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	4.08	3.60	3.53	3.73	7.96	ppb
Iron	57-2	2.41	3.80	-0.50	1.90	115.54	ppb
Lead	206-1	0.04	0.04	0.03	0.04	23.24	ppb
Lead	207-1	0.04	0.03	0.04	0.04	14.44	ppb
Lead	208-1	0.05	0.03	0.04	0.04	15.56	ppb
Lithium	6-1				90		%
Magnesium	24-2	-18.17	-14.84	-19.06	-17.36		ppb
Manganese	55-2	0.13	0.04	0.01	0.06	100.45	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB080	Instrumnet Name :	P8
Client Sample ID :	CCB080	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 20:05:50	DataFile Name :	100CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.07	0.09	0.09	26.75	ppb
Molybdenum	95-1	0.13	0.09	0.14	0.12	23.54	ppb
Molybdenum	96-1	0.14	0.13	0.13	0.13	5.09	ppb
Molybdenum	97-1	0.09	0.12	0.16	0.12	26.96	ppb
Molybdenum	98-1	0.11	0.11	0.09	0.11	10.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.40	-0.37	-0.29	-0.35		ppb
Phosphorus	31-2	60.20	59.41	-10.55	36.36	111.73	ppb
Potassium	39-2	5.27	-7.82	-4.80	-2.45		ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				87		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	0.30	2.74	0.32	1.12	125.41	ppb
Selenium	82-1	-1.68	-0.24	-0.10	-0.67		ppb
Silicon	28-1	-33.96	-35.61	-33.94	-34.50		ppb
Silver	109-1	0.16	0.20	0.17	0.18	11.21	ppb
Silver	107-1	0.15	0.17	0.14	0.15	11.65	ppb
Sodium	23-2	0.95	-31.65	-16.45	-15.72		ppb
Strontium	86-1	0.02	0.05	0.10	0.06	76.03	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	23.98	ppb
Sulfur	34-1	-3012.93	-2795.10	-2680.24	-2829.42		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.09	0.05	0.07	24.04	ppb
Thallium	205-1	0.10	0.07	0.07	0.08	18.07	ppb
Tin	118-1	0.09	0.07	0.06	0.07	22.20	ppb
Titanium	47-1	0.04	0.00	-0.06	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	259.05	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	119.22	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	0.19	0.04	0.16	0.13	59.67	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	26.73	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB080	Instrumnet Name :	P8
Client Sample ID :	CCB080	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 20:05:50	DataFile Name :	100CCBE_P8121817MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.06	0.04	38.86	ppb

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 14:53:14	DataFile Name :	004CALB_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	8	3	173.21	cps
Antimony	121-1	83	58	83	75	19.24	cps
Arsenic	75-2	2	4	13	6	96.48	cps
Barium	135-1	25	8	17	17	50.01	cps
Barium	137-1	58	8	33	33	75.02	cps
Beryllium	9-1	78	72	128	93	33.05	cps
Bismuth	209-1	6455427	6522407	6392919	6456918	1.00	cps
Bismuth	209-2	1877721	1853198	1864085	1865001	0.66	cps
Boron	10-1	275	267	250	264	4.82	cps
Boron	11-1	1083	1083	1092	1086	0.44	cps
Cadmium	111-1	1257	1255	1271	1261	0.69	cps
Cadmium	106-1	1750	1784	1800	1778	1.43	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	1550	1358	1550	1486	7.45	cps
Calcium	44-1	22210	21801	23195	22402	3.20	cps
Chromium	52-2	300	347	327	324	7.22	cps
Cobalt	59-2	83	63	50	66	25.60	cps
Copper	63-2	277	287	277	280	2.06	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	33	67	33	44	43.31	cps
Gadolinium	160-2	10	13	17	13	25.01	cps
Holmium	165-1	9767739	9895519	9895833	9853030	0.75	cps
Holmium	165-2	2332818	2341438	2358460	2344239	0.56	cps
Indium	115-1	8201722	8138782	8133470	8157992	0.47	cps
Indium	115-2	425144	425129	419359	423211	0.79	cps
Iron	56-2	1422	1278	1372	1358	5.40	cps
Iron	57-2	50	39	28	39	28.57	cps
Lead	206-1	206	178	161	181	12.37	cps
Lead	207-1	178	172	178	176	1.82	cps
Lead	208-1	794	722	694	737	7.00	cps
Lithium	6-1	1370090	1406863	1413614	1396855	1.68	cps
Magnesium	24-2	1142	1133	1133	1136	0.42	cps
Manganese	55-2	20	23	30	24	20.83	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 14:53:14	DataFile Name :	004CALB_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	225	367	264	34.06	cps
Molybdenum	95-1	33	8	17	19	65.47	cps
Molybdenum	96-1	67	83	67	72	13.33	cps
Molybdenum	97-1	50	50	42	47	10.18	cps
Molybdenum	98-1	100	17	42	53	81.02	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	350	390	373	371	5.41	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2992	3201	3159	3117	3.54	cps
Rhodium	103-1	7574898	7539048	7621274	7578407	0.54	cps
Rhodium	103-2	2210008	2227029	2203854	2213630	0.54	cps
Scandium	45-1	4523903	4561196	4559054	4548051	0.46	cps
Scandium	45-2	44156	43293	42404	43284	2.02	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	18	24	-13	10	199.87	cps
Silicon	28-1	444621	444831	441758	443737	0.39	cps
Silver	109-1	408	500	483	464	10.53	cps
Silver	107-1	533	417	575	508	16.15	cps
Sodium	23-2	26701	26901	26225	26609	1.31	cps
Strontium	86-1	500	525	600	542	9.61	cps
Strontium	88-1	83	100	117	100	16.66	cps
Sulfur	34-1	407086	407910	405106	406701	0.35	cps
Terbium	159-1	10290747	10372440	10298163	10320450	0.44	cps
Terbium	159-2	2288513	2283817	2275430	2282587	0.29	cps
Thallium	203-1	133	258	200	197	31.71	cps
Thallium	205-1	467	575	467	503	12.44	cps
Tin	118-1	783	733	750	756	3.37	cps
Titanium	47-1	208	133	158	167	22.91	cps
Uranium	238-1	100	117	100	106	9.11	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Yttrium	89-1	8503723	8524786	8559754	8529421	0.33	cps
Yttrium	89-2	317792	315754	313908	315818	0.62	cps
Zinc	66-2	10	13	17	13	25.01	cps
Zirconium	90-1	475	550	575	533	9.76	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 14:53:14	DataFile Name :	004CALB_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	142	58	92	48.11	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 15:00:10 DataFile Name : 006CAL5_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	133	100	114	15.23	cps
Antimony	121-1	14342	13232	13624	13733	4.10	cps
Arsenic	75-2	104	117	106	109	6.45	cps
Barium	135-1	14300	14942	14934	14725	2.50	cps
Barium	137-1	24540	25567	25083	25063	2.05	cps
Beryllium	9-1	833	961	983	926	8.74	cps
Bismuth	209-1	6206607	5764193	6220307	6063703	4.28	cps
Bismuth	209-2	1820063	1786669	1803854	1803528	0.93	cps
Boron	10-1	2659	2725	2417	2600	6.24	cps
Boron	11-1	12114	11997	11714	11942	1.72	cps
Cadmium	111-1	2536	2404	2400	2446	3.17	cps
Cadmium	106-1	1625	1700	1592	1639	3.39	cps
Cadmium	108-1	92	100	146	113	25.93	cps
Calcium	43-1	8511	8636	8745	8631	1.35	cps
Calcium	44-1	141236	138460	137873	139190	1.29	cps
Chromium	52-2	1690	1723	1864	1759	5.23	cps
Cobalt	59-2	1417	1570	1510	1499	5.16	cps
Copper	63-2	2737	2717	2854	2769	2.67	cps
Dysprosium	156-1	33	8	25	22	57.29	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	75	33	58	37.80	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	17	58	58	44	54.12	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	9488991	8840756	9514503	9281417	4.11	cps
Holmium	165-2	2272078	2253065	2276179	2267108	0.54	cps
Indium	115-1	7934391	7256991	7975982	7722455	5.23	cps
Indium	115-2	415095	418643	417665	417134	0.44	cps
Iron	56-2	24628	25413	25134	25058	1.59	cps
Iron	57-2	556	583	750	630	16.70	cps
Lead	206-1	4451	4718	4540	4569	2.97	cps
Lead	207-1	4306	4056	3906	4090	4.94	cps
Lead	208-1	18611	18372	18028	18337	1.60	cps
Lithium	6-1	1355004	1250503	1366284	1323930	4.82	cps
Magnesium	24-2	12498	12790	13248	12845	2.95	cps
Manganese	55-2	223	257	257	246	7.84	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:00:10	DataFile Name :	006CAL5_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11997	11747	11781	11842	1.15	cps
Molybdenum	95-1	13916	14008	14408	14111	1.85	cps
Molybdenum	96-1	16335	15509	15968	15938	2.60	cps
Molybdenum	97-1	9095	8695	8620	8803	2.90	cps
Molybdenum	98-1	22828	22728	22895	22817	0.37	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	843	820	797	820	2.85	cps
Phosphorus	31-2	0	0	25	8	173.21	cps
Potassium	39-2	10821	10888	9787	10499	5.88	cps
Rhodium	103-1	7408709	6765541	7299460	7157903	4.81	cps
Rhodium	103-2	2159984	2145969	2124515	2143489	0.83	cps
Scandium	45-1	4451522	4063000	4438884	4317802	5.11	cps
Scandium	45-2	42772	42932	42146	42617	0.97	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	9	24	15	16	46.63	cps
Selenium	82-1	448	531	522	500	9.13	cps
Silicon	28-1	480788	491948	487200	486645	1.15	cps
Silver	109-1	6118	6293	6018	6143	2.27	cps
Silver	107-1	6619	7737	6202	6852	11.58	cps
Sodium	23-2	54489	53334	53644	53822	1.11	cps
Strontium	86-1	2467	2442	2367	2425	2.15	cps
Strontium	88-1	16152	16043	16427	16208	1.22	cps
Sulfur	34-1	399931	397368	399405	398901	0.34	cps
Terbium	159-1	10004725	9188659	9996948	9730111	4.82	cps
Terbium	159-2	2190049	2194289	2180585	2188307	0.32	cps
Thallium	203-1	5260	5735	5285	5426	4.93	cps
Thallium	205-1	13307	12999	12657	12988	2.51	cps
Tin	118-1	24557	24290	23179	24009	3.04	cps
Titanium	47-1	3917	4192	3734	3948	5.85	cps
Uranium	238-1	16069	16854	16370	16431	2.41	cps
Vanadium	51-2	2557	2540	2434	2510	2.67	cps
Yttrium	89-1	8341122	7730186	8275970	8115759	4.13	cps
Yttrium	89-2	307377	307889	307841	307702	0.09	cps
Zinc	66-2	257	263	303	274	9.20	cps
Zirconium	90-1	10588	10271	10429	10429	1.52	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:00:10	DataFile Name :	006CALS_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2534	2167	2000	2234	12.22	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:03:38	DataFile Name :	007CAL5_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5860	5701	5735	5765	1.45	cps
Antimony	121-1	386037	386969	384439	385815	0.33	cps
Arsenic	75-2	5134	4888	4725	4916	4.19	cps
Barium	135-1	407703	405368	410353	407808	0.61	cps
Barium	137-1	713563	714994	715487	714682	0.14	cps
Beryllium	9-1	49904	49731	49062	49565	0.90	cps
Bismuth	209-1	6331575	6278881	6316970	6309142	0.43	cps
Bismuth	209-2	1824319	1820881	1821823	1822341	0.10	cps
Boron	10-1	5701	5385	5168	5418	4.95	cps
Boron	11-1	24973	26350	25858	25727	2.71	cps
Cadmium	111-1	83048	81730	83995	82924	1.37	cps
Cadmium	106-1	10254	9754	9896	9968	2.59	cps
Cadmium	108-1	6168	5814	5893	5958	3.12	cps
Calcium	43-1	82056	82099	80816	81657	0.89	cps
Calcium	44-1	1370009	1343055	1358165	1357076	1.00	cps
Chromium	52-2	37096	37985	38209	37763	1.56	cps
Cobalt	59-2	80474	79995	80273	80247	0.30	cps
Copper	63-2	135930	136209	136731	136290	0.30	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	58	25	44	39.04	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	67	25	58	50	44.10	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	9672815	9612282	9639710	9641602	0.31	cps
Holmium	165-2	2302926	2270663	2308153	2293914	0.89	cps
Indium	115-1	7929154	8000025	7948769	7959316	0.46	cps
Indium	115-2	416339	413206	415713	415086	0.40	cps
Iron	56-2	1296863	1291375	1291457	1293232	0.24	cps
Iron	57-2	32054	33067	32260	32461	1.65	cps
Lead	206-1	238051	239922	240561	239511	0.54	cps
Lead	207-1	217613	220082	217514	218403	0.67	cps
Lead	208-1	972913	979697	979549	977386	0.40	cps
Lithium	6-1	1353596	1368167	1364229	1361997	0.55	cps
Magnesium	24-2	133933	135792	133327	134351	0.96	cps
Manganese	55-2	23186	22919	22969	23025	0.62	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:03:38	DataFile Name :	007CAL5_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	644644	654027	647000	648557	0.75	cps
Molybdenum	95-1	787912	788423	794970	790435	0.50	cps
Molybdenum	96-1	875090	873008	878891	875663	0.34	cps
Molybdenum	97-1	499040	489583	496561	495062	0.99	cps
Molybdenum	98-1	1276475	1264259	1276917	1272551	0.56	cps
Neodymium	150-1	20	33	60	38	53.91	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	23740	23440	23617	23599	0.64	cps
Phosphorus	31-2	342	442	533	439	21.84	cps
Potassium	39-2	44003	45216	45048	44756	1.47	cps
Rhodium	103-1	7321500	7322242	7251547	7298430	0.56	cps
Rhodium	103-2	2123479	2143559	2132233	2133090	0.47	cps
Scandium	45-1	4426239	4473387	4449022	4449549	0.53	cps
Scandium	45-2	41876	41441	41999	41772	0.70	cps
Selenium	77-2	30	40	27	32	21.53	cps
Selenium	78-2	117	120	119	119	1.56	cps
Selenium	82-1	4912	5248	5096	5085	3.31	cps
Silicon	28-1	625635	624318	628722	626225	0.36	cps
Silver	109-1	387006	383455	388404	386288	0.66	cps
Silver	107-1	405222	400786	403734	403247	0.56	cps
Sodium	23-2	337877	332349	330550	333592	1.14	cps
Strontium	86-1	103028	104348	104641	104006	0.83	cps
Strontium	88-1	886625	895486	895762	892624	0.58	cps
Sulfur	34-1	420347	419133	417839	419106	0.30	cps
Terbium	159-1	9918004	10120285	10025292	10021194	1.01	cps
Terbium	159-2	2249393	2244518	2239048	2244320	0.23	cps
Thallium	203-1	294802	295797	298830	296476	0.71	cps
Thallium	205-1	700742	706211	715534	707496	1.06	cps
Tin	118-1	264443	262709	262597	263250	0.39	cps
Titanium	47-1	202171	200982	204785	202646	0.96	cps
Uranium	238-1	937075	947111	951741	945309	0.79	cps
Vanadium	51-2	28660	28042	28319	28340	1.09	cps
Yttrium	89-1	8256420	8324365	8313934	8298240	0.44	cps
Yttrium	89-2	308676	307640	307387	307901	0.22	cps
Zinc	66-2	13066	13176	12613	12952	2.31	cps
Zirconium	90-1	539510	544908	544788	543069	0.57	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:03:38	DataFile Name :	007CALS_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	121850	121026	119848	120908	0.83	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:07:04	DataFile Name :	008CAL5_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13991	13916	14224	14044	1.15	cps
Antimony	121-1	987877	993079	961832	980929	1.71	cps
Arsenic	75-2	12237	12328	12422	12329	0.75	cps
Barium	135-1	1038839	1047310	1008392	1031514	1.98	cps
Barium	137-1	1809212	1810606	1773816	1797878	1.16	cps
Beryllium	9-1	122455	123162	119335	121651	1.67	cps
Bismuth	209-1	6462787	6539953	6344711	6449150	1.52	cps
Bismuth	209-2	1843887	1859264	1836549	1846567	0.63	cps
Boron	10-1	13615	14041	14108	13921	1.92	cps
Boron	11-1	61566	64111	61884	62520	2.22	cps
Cadmium	111-1	208385	211213	204695	208098	1.57	cps
Cadmium	106-1	22728	22995	21760	22495	2.89	cps
Cadmium	108-1	14971	14788	14637	14799	1.13	cps
Calcium	43-1	205307	206024	197193	202841	2.42	cps
Calcium	44-1	3323216	3328774	3242110	3298033	1.47	cps
Chromium	52-2	93254	93338	92684	93092	0.38	cps
Cobalt	59-2	199695	199722	197728	199048	0.57	cps
Copper	63-2	341284	339371	338403	339686	0.43	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	0	13	0	4	173.21	cps
Gadolinium	160-1	83	58	50	64	27.15	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	9974066	10126013	9755331	9951803	1.87	cps
Holmium	165-2	2319374	2347537	2339524	2335478	0.62	cps
Indium	115-1	8218591	8191904	7958770	8123088	1.76	cps
Indium	115-2	417834	419204	419375	418804	0.20	cps
Iron	56-2	3206579	3192005	3221571	3206718	0.46	cps
Iron	57-2	79956	80777	79381	80038	0.88	cps
Lead	206-1	616440	626218	603278	615312	1.87	cps
Lead	207-1	558761	565416	550821	558333	1.31	cps
Lead	208-1	2501769	2539708	2459399	2500292	1.61	cps
Lithium	6-1	1373870	1395719	1346187	1371925	1.81	cps
Magnesium	24-2	331872	329247	327527	329549	0.66	cps
Manganese	55-2	55239	56611	56002	55951	1.23	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:07:04	DataFile Name :	008CAL5_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1669066	1666375	1638490	1657977	1.02	cps
Molybdenum	95-1	2034173	2048105	1984567	2022282	1.65	cps
Molybdenum	96-1	2296183	2322304	2217581	2278689	2.39	cps
Molybdenum	97-1	1252338	1260510	1217477	1243441	1.84	cps
Molybdenum	98-1	3226860	3261621	3194598	3227693	1.04	cps
Neodymium	150-1	40	100	60	67	45.83	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	58104	57692	57207	57668	0.78	cps
Phosphorus	31-2	925	850	1067	947	11.62	cps
Potassium	39-2	103998	103538	105997	104511	1.25	cps
Rhodium	103-1	7428378	7470003	7280805	7393062	1.34	cps
Rhodium	103-2	2150769	2156122	2134340	2147077	0.53	cps
Scandium	45-1	4531327	4536276	4408218	4491940	1.62	cps
Scandium	45-2	41725	42170	41939	41945	0.53	cps
Selenium	77-2	83	103	113	100	15.27	cps
Selenium	78-2	285	337	300	307	8.69	cps
Selenium	82-1	12888	13141	12451	12827	2.72	cps
Silicon	28-1	894618	903118	881863	893200	1.20	cps
Silver	109-1	992082	991209	964855	982715	1.57	cps
Silver	107-1	1024163	1030895	995470	1016843	1.85	cps
Sodium	23-2	779186	787585	783438	783403	0.54	cps
Strontium	86-1	262613	264041	253641	260098	2.17	cps
Strontium	88-1	2272318	2270859	2251988	2265055	0.50	cps
Sulfur	34-1	456891	456425	448188	453835	1.08	cps
Terbium	159-1	10280927	10583102	10188249	10350759	1.99	cps
Terbium	159-2	2239822	2287631	2241954	2256469	1.20	cps
Thallium	203-1	755231	771421	750710	759120	1.43	cps
Thallium	205-1	1834195	1864624	1814884	1837901	1.36	cps
Tin	118-1	667362	670583	653085	663677	1.40	cps
Titanium	47-1	508611	514167	496357	506378	1.80	cps
Uranium	238-1	2442617	2471074	2410812	2441501	1.23	cps
Vanadium	51-2	70701	69501	72007	70736	1.77	cps
Yttrium	89-1	8585568	8474931	8390554	8483684	1.15	cps
Yttrium	89-2	307943	308680	309142	308588	0.20	cps
Zinc	66-2	32057	31987	32334	32126	0.57	cps
Zirconium	90-1	1407298	1401481	1368628	1392469	1.50	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:07:04	DataFile Name :	008CALS_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	306036	309107	301340	305494	1.28	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:10:26	DataFile Name :	009CAL5_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28505	27995	27636	28045	1.56	cps
Antimony	121-1	2010485	2028498	2021250	2020078	0.45	cps
Arsenic	75-2	24503	24156	24307	24322	0.72	cps
Barium	135-1	2153500	2141152	2128342	2140998	0.59	cps
Barium	137-1	3710511	3659004	3650676	3673397	0.88	cps
Beryllium	9-1	243475	241408	241931	242271	0.44	cps
Bismuth	209-1	6559791	6612968	6657594	6610118	0.74	cps
Bismuth	209-2	1850562	1852727	1844571	1849287	0.23	cps
Boron	10-1	26192	25974	26918	26361	1.87	cps
Boron	11-1	122511	125688	126378	124859	1.65	cps
Cadmium	111-1	420229	417485	418762	418825	0.33	cps
Cadmium	106-1	44884	45051	45168	45034	0.32	cps
Cadmium	108-1	29787	29278	30372	29812	1.84	cps
Calcium	43-1	405700	408190	407345	407078	0.31	cps
Calcium	44-1	6587068	6592677	6613742	6597829	0.21	cps
Chromium	52-2	183999	182984	181766	182916	0.61	cps
Cobalt	59-2	390578	390455	388274	389769	0.33	cps
Copper	63-2	667285	666872	664048	666068	0.26	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	50	42	42	20.00	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	8	100	92	67	76.04	cps
Gadolinium	160-2	0	0	13	4	173.21	cps
Holmium	165-1	10184465	10191295	10259509	10211756	0.41	cps
Holmium	165-2	2374879	2355436	2363284	2364533	0.41	cps
Indium	115-1	8344467	8265826	8256651	8288981	0.58	cps
Indium	115-2	415511	409718	416433	413888	0.88	cps
Iron	56-2	6253933	6249405	6244420	6249253	0.08	cps
Iron	57-2	156749	157788	158153	157563	0.46	cps
Lead	206-1	1246859	1252149	1253115	1250708	0.27	cps
Lead	207-1	1134728	1131966	1147198	1137964	0.71	cps
Lead	208-1	5152858	5145824	5192697	5163793	0.49	cps
Lithium	6-1	1369740	1382353	1377897	1376663	0.46	cps
Magnesium	24-2	642796	640307	636042	639715	0.53	cps
Manganese	55-2	109898	109887	109686	109824	0.11	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:10:26	DataFile Name :	009CAL5_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3374131	3364726	3342375	3360411	0.49	cps
Molybdenum	95-1	4128908	4084163	4087072	4100048	0.61	cps
Molybdenum	96-1	4580448	4547618	4542919	4556995	0.45	cps
Molybdenum	97-1	2601833	2577432	2592891	2590719	0.48	cps
Molybdenum	98-1	6513928	6460576	6525004	6499836	0.53	cps
Neodymium	150-1	100	73	140	104	32.13	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	113605	112496	112745	112949	0.51	cps
Phosphorus	31-2	1917	2134	1959	2003	5.74	cps
Potassium	39-2	199030	197956	201699	199561	0.97	cps
Rhodium	103-1	7484459	7462764	7476135	7474453	0.15	cps
Rhodium	103-2	2147747	2152192	2121528	2140489	0.77	cps
Scandium	45-1	4505091	4496119	4556925	4519378	0.73	cps
Scandium	45-2	41140	40207	40445	40598	1.19	cps
Selenium	77-2	197	163	157	172	12.44	cps
Selenium	78-2	665	750	602	672	11.06	cps
Selenium	82-1	26315	25828	26080	26074	0.93	cps
Silicon	28-1	1136607	1147848	1146472	1143642	0.54	cps
Silver	109-1	1999928	2016041	2017463	2011144	0.48	cps
Silver	107-1	2074373	2095328	2086735	2085478	0.51	cps
Sodium	23-2	1531983	1528166	1517222	1525790	0.50	cps
Strontium	86-1	532738	525274	525804	527939	0.79	cps
Strontium	88-1	4563259	4580045	4558107	4567137	0.25	cps
Sulfur	34-1	503070	498507	497246	499608	0.61	cps
Terbium	159-1	10617304	10691839	10714655	10674599	0.48	cps
Terbium	159-2	2281866	2310541	2281294	2291234	0.73	cps
Thallium	203-1	1537324	1543768	1563608	1548233	0.88	cps
Thallium	205-1	3702059	3713783	3726132	3713991	0.32	cps
Tin	118-1	1351242	1343152	1353853	1349416	0.41	cps
Titanium	47-1	1007494	1012256	1013171	1010974	0.30	cps
Uranium	238-1	4931484	5002100	5032806	4988797	1.04	cps
Vanadium	51-2	139920	138476	137321	138572	0.94	cps
Yttrium	89-1	8617729	8667231	8625901	8636954	0.31	cps
Yttrium	89-2	303669	305647	305880	305065	0.40	cps
Zinc	66-2	62681	63344	63367	63131	0.62	cps
Zirconium	90-1	2831002	2801336	2811224	2814521	0.54	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:10:26	DataFile Name :	009CALS_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	617788	612410	618533	616244	0.54	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:13:40	DataFile Name :	010CAL5_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54121	52138	51352	52537	2.72	cps
Antimony	121-1	4060231	4050598	4092321	4067717	0.54	cps
Arsenic	75-2	46268	46121	45525	45971	0.86	cps
Barium	135-1	4287316	4293647	4317123	4299362	0.37	cps
Barium	137-1	7332167	7439951	7347729	7373282	0.79	cps
Beryllium	9-1	466335	463880	462195	464137	0.45	cps
Bismuth	209-1	6739899	6870817	6798790	6803169	0.96	cps
Bismuth	209-2	1843863	1844071	1810150	1832695	1.07	cps
Boron	10-1	50841	52054	53258	52051	2.32	cps
Boron	11-1	241205	242565	244110	242626	0.60	cps
Cadmium	111-1	836078	831111	831875	833022	0.32	cps
Cadmium	106-1	86913	87752	89463	88043	1.48	cps
Cadmium	108-1	59950	60372	60979	60434	0.86	cps
Calcium	43-1	801914	799364	791544	797607	0.68	cps
Calcium	44-1	12901118	12922708	12939087	12920971	0.15	cps
Chromium	52-2	345488	345024	339543	343351	0.96	cps
Cobalt	59-2	738236	738434	724483	733718	1.09	cps
Copper	63-2	1259672	1268735	1242737	1257048	1.05	cps
Dysprosium	156-1	75	25	42	47	53.91	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	92	17	33	47	83.40	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	83	75	83	81	5.98	cps
Gadolinium	160-2	17	0	10	9	94.38	cps
Holmium	165-1	10409033	10406399	10614054	10476495	1.14	cps
Holmium	165-2	2376548	2335357	2298809	2336905	1.66	cps
Indium	115-1	8167638	8306316	8213400	8229118	0.86	cps
Indium	115-2	400299	397638	393368	397102	0.88	cps
Iron	56-2	11845490	11853811	11627850	11775717	1.09	cps
Iron	57-2	299521	301986	294523	298677	1.27	cps
Lead	206-1	2648941	2637837	2631218	2639332	0.34	cps
Lead	207-1	2416599	2414694	2415628	2415640	0.04	cps
Lead	208-1	10690753	10743247	10766187	10733395	0.36	cps
Lithium	6-1	1356813	1372505	1387967	1372429	1.13	cps
Magnesium	24-2	1210640	1231227	1197848	1213238	1.39	cps
Manganese	55-2	208055	209496	202717	206756	1.73	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:13:40	DataFile Name :	010CAL5_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6669336	6577077	6573846	6606753	0.82	cps
Molybdenum	95-1	7970022	8097961	8039342	8035775	0.80	cps
Molybdenum	96-1	8967141	9081248	8916204	8988198	0.94	cps
Molybdenum	97-1	5158098	5118584	5127406	5134696	0.40	cps
Molybdenum	98-1	12965770	13049387	12920140	12978432	0.51	cps
Neodymium	150-1	127	233	133	164	36.34	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	212034	213119	210438	211864	0.64	cps
Phosphorus	31-2	3751	3859	3534	3715	4.46	cps
Potassium	39-2	365864	370375	359998	365412	1.42	cps
Rhodium	103-1	7370301	7428336	7370333	7389657	0.45	cps
Rhodium	103-2	2072853	2071508	2024941	2056434	1.33	cps
Scandium	45-1	4402341	4456888	4388930	4416053	0.82	cps
Scandium	45-2	38676	38780	38075	38511	0.99	cps
Selenium	77-2	343	290	327	320	8.53	cps
Selenium	78-2	1235	1150	1078	1154	6.83	cps
Selenium	82-1	51555	51181	51122	51286	0.46	cps
Silicon	28-1	1796789	1811233	1798760	1802261	0.43	cps
Silver	109-1	3981219	3959609	3970517	3970448	0.27	cps
Silver	107-1	4176311	4164672	4154691	4165224	0.26	cps
Sodium	23-2	2839520	2813985	2796740	2816748	0.76	cps
Strontium	86-1	1040071	1042720	1046346	1043046	0.30	cps
Strontium	88-1	8959894	8971528	8923273	8951565	0.28	cps
Sulfur	34-1	598879	590319	584218	591139	1.25	cps
Terbium	159-1	10794948	10928036	10908577	10877187	0.66	cps
Terbium	159-2	2308589	2279871	2239996	2276152	1.51	cps
Thallium	203-1	3266846	3268566	3252597	3262670	0.27	cps
Thallium	205-1	7523416	7508301	7615690	7549136	0.77	cps
Tin	118-1	2795169	2778008	2734548	2769241	1.13	cps
Titanium	47-1	2027044	2038410	1988815	2018090	1.29	cps
Uranium	238-1	10376016	10320437	10360562	10352339	0.28	cps
Vanadium	51-2	261673	262754	258362	260930	0.88	cps
Yttrium	89-1	8529781	8552083	8450249	8510704	0.63	cps
Yttrium	89-2	295627	291471	288671	291923	1.20	cps
Zinc	66-2	119946	119240	117025	118737	1.28	cps
Zirconium	90-1	5477549	5555444	5544813	5525935	0.76	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:13:40	DataFile Name :	010CALS_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1237653	1238793	1232060	1236169	0.29	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:16:53	DataFile Name :	011CAL5_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103946	104390	106279	104872	1.18	cps
Antimony	121-1	8031853	8055770	8072104	8053242	0.25	cps
Arsenic	75-2	92525	92809	92928	92754	0.22	cps
Barium	135-1	8543073	8586823	8554934	8561610	0.26	cps
Barium	137-1	14900988	14934608	14804145	14879914	0.46	cps
Beryllium	9-1	899411	900213	891151	896925	0.56	cps
Bismuth	209-1	6739382	6807504	6882647	6809844	1.05	cps
Bismuth	209-2	1849961	1843059	1815740	1836253	0.99	cps
Boron	10-1	101894	103984	103982	103287	1.17	cps
Boron	11-1	475387	481507	487435	481443	1.25	cps
Cadmium	111-1	1660619	1688165	1674339	1674374	0.82	cps
Cadmium	106-1	171091	173494	174001	172862	0.90	cps
Cadmium	108-1	119473	119545	120470	119829	0.46	cps
Calcium	43-1	1590663	1591737	1597689	1593363	0.24	cps
Calcium	44-1	25513661	25629855	25567026	25570181	0.23	cps
Chromium	52-2	685003	690569	691819	689131	0.53	cps
Cobalt	59-2	1497098	1463652	1475303	1478684	1.15	cps
Copper	63-2	2513001	2530732	2547137	2530290	0.67	cps
Dysprosium	156-1	100	125	92	106	16.44	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	75	75	67	72	6.66	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	58	33	92	61	47.89	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	10505838	10576388	10718606	10600277	1.02	cps
Holmium	165-2	2379348	2379356	2385125	2381276	0.14	cps
Indium	115-1	8151631	8196043	8206131	8184602	0.35	cps
Indium	115-2	395587	392521	392180	393429	0.48	cps
Iron	56-2	23563736	23620473	23618942	23601050	0.14	cps
Iron	57-2	596240	596734	596690	596555	0.05	cps
Lead	206-1	5242395	5264499	5219884	5242260	0.43	cps
Lead	207-1	4839695	4845981	4755455	4813711	1.05	cps
Lead	208-1	21320400	21395159	21181903	21299154	0.51	cps
Lithium	6-1	1306231	1328201	1323230	1319221	0.87	cps
Magnesium	24-2	2395235	2393718	2411144	2400032	0.40	cps
Manganese	55-2	414046	418717	416314	416359	0.56	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:16:53	DataFile Name :	011CAL5_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13120725	13174842	13176506	13157358	0.24	cps
Molybdenum	95-1	16168692	16089423	16209297	16155804	0.38	cps
Molybdenum	96-1	18025838	17957088	18056030	18012985	0.28	cps
Molybdenum	97-1	10148139	10055915	10184874	10129643	0.66	cps
Molybdenum	98-1	25789289	25688989	25942448	25806908	0.49	cps
Neodymium	150-1	307	387	327	340	12.25	cps
Neodymium	150-2	17	3	13	11	62.48	cps
Nickel	60-2	419978	421447	424716	422047	0.57	cps
Phosphorus	31-2	7144	7094	7536	7258	3.33	cps
Potassium	39-2	734476	729993	732086	732185	0.31	cps
Rhodium	103-1	7311389	7216502	7335507	7287800	0.86	cps
Rhodium	103-2	2058991	2051262	2050780	2053678	0.22	cps
Scandium	45-1	4364480	4397298	4429725	4397168	0.74	cps
Scandium	45-2	39389	39258	38613	39087	1.06	cps
Selenium	77-2	627	777	620	674	13.14	cps
Selenium	78-2	2261	2245	2298	2268	1.21	cps
Selenium	82-1	100888	100974	102002	101288	0.61	cps
Silicon	28-1	2737389	2721257	2741144	2733263	0.39	cps
Silver	109-1	7754622	7829498	7838494	7807538	0.59	cps
Silver	107-1	8062477	8172343	8110254	8115025	0.68	cps
Sodium	23-2	5537059	5576537	5526682	5546760	0.47	cps
Strontium	86-1	2095786	2078984	2089086	2087952	0.41	cps
Strontium	88-1	17879176	17930142	17920502	17909940	0.15	cps
Sulfur	34-1	804844	800736	797835	801138	0.44	cps
Terbium	159-1	10955755	10938182	11248848	11047595	1.58	cps
Terbium	159-2	2318623	2307235	2300263	2308707	0.40	cps
Thallium	203-1	6455288	6421921	6355371	6410860	0.79	cps
Thallium	205-1	15183895	15130936	15200931	15171920	0.24	cps
Tin	118-1	5446056	5511922	5485945	5481308	0.61	cps
Titanium	47-1	3957536	3952761	3970378	3960225	0.23	cps
Uranium	238-1	20923360	20734051	20782388	20813267	0.47	cps
Vanadium	51-2	525046	527865	528765	527225	0.37	cps
Yttrium	89-1	8453585	8492250	8640881	8528905	1.16	cps
Yttrium	89-2	296868	296673	294297	295946	0.48	cps
Zinc	66-2	234515	236957	235521	235665	0.52	cps
Zirconium	90-1	11040010	11079796	11041937	11053914	0.20	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:16:53	DataFile Name :	011CALS_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2477163	2500120	2525513	2500932	0.97	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:20:02	DataFile Name :	012CALS_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	561234	555576	564154	560321	0.78	cps
Antimony	121-1	7811	8370	8036	8072	3.48	cps
Arsenic	75-2	26	35	52	38	34.88	cps
Barium	135-1	2100	2192	2117	2136	2.29	cps
Barium	137-1	3576	3809	3459	3615	4.93	cps
Beryllium	9-1	900	867	744	837	9.79	cps
Bismuth	209-1	6177362	6150844	6209218	6179141	0.47	cps
Bismuth	209-2	1677544	1727413	1703502	1702820	1.46	cps
Boron	10-1	5009	4376	4126	4504	10.11	cps
Boron	11-1	21859	20833	19180	20624	6.55	cps
Cadmium	111-1	1441	1410	1502	1451	3.21	cps
Cadmium	106-1	1759	1800	1834	1797	2.09	cps
Cadmium	108-1	21	42	33	32	32.84	cps
Calcium	43-1	8104751	8132639	8158411	8131934	0.33	cps
Calcium	44-1	131621820	133845640	134690557	133386006	1.19	cps
Chromium	52-2	6525	6999	6762	6762	3.50	cps
Cobalt	59-2	1880	1757	1723	1787	4.62	cps
Copper	63-2	2840	2860	2967	2889	2.36	cps
Dysprosium	156-1	75	75	108	86	22.35	cps
Dysprosium	156-2	20	17	10	16	32.73	cps
Erbium	164-1	83	50	50	61	31.50	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	167	117	100	128	27.15	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	10254296	10286483	9984171	10174983	1.63	cps
Holmium	165-2	2346081	2341926	2366353	2351453	0.56	cps
Indium	115-1	7862289	7952767	7931228	7915428	0.60	cps
Indium	115-2	407146	403795	404548	405163	0.43	cps
Iron	56-2	124374383	123835503	124854581	124354822	0.41	cps
Iron	57-2	3164641	3118238	3183969	3155616	1.07	cps
Lead	206-1	6519	6724	6619	6620	1.55	cps
Lead	207-1	5435	5490	5107	5344	3.88	cps
Lead	208-1	25450	25767	25055	25424	1.40	cps
Lithium	6-1	1297672	1294140	1296288	1296034	0.14	cps
Magnesium	24-2	12654848	12680605	12734797	12690084	0.32	cps
Manganese	55-2	987	1057	1153	1066	7.85	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:20:02	DataFile Name :	012CALS_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4526	4401	4459	4462	1.40	cps
Molybdenum	95-1	7486	7302	7552	7447	1.74	cps
Molybdenum	96-1	8695	8812	8728	8745	0.69	cps
Molybdenum	97-1	4117	3784	3784	3895	4.94	cps
Molybdenum	98-1	9312	9612	9487	9470	1.59	cps
Neodymium	150-1	120	100	87	102	16.42	cps
Neodymium	150-2	27	13	13	18	43.33	cps
Nickel	60-2	2784	3047	2844	2891	4.77	cps
Phosphorus	31-2	25	0	8	11	114.58	cps
Potassium	39-2	4000427	3996893	3990265	3995862	0.13	cps
Rhodium	103-1	7051109	6985219	7001023	7012451	0.49	cps
Rhodium	103-2	2042745	2023250	2029916	2031970	0.49	cps
Scandium	45-1	4460553	4468769	4491833	4473718	0.36	cps
Scandium	45-2	41872	42508	41501	41960	1.21	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-58	81	95	39	215.52	cps
Silicon	28-1	1036068	1078237	1100219	1071508	3.04	cps
Silver	109-1	7386	7627	7894	7636	3.33	cps
Silver	107-1	8111	8228	7903	8081	2.04	cps
Sodium	23-2	29267640	29755201	29482402	29501748	0.83	cps
Strontium	86-1	70306	71555	70483	70781	0.95	cps
Strontium	88-1	617351	617353	619960	618222	0.24	cps
Sulfur	34-1	339123	340156	346686	341988	1.20	cps
Terbium	159-1	10645089	10527917	10426069	10533025	1.04	cps
Terbium	159-2	2289538	2281593	2297070	2289400	0.34	cps
Thallium	203-1	2067	2067	1967	2034	2.84	cps
Thallium	205-1	5243	4751	4526	4840	7.58	cps
Tin	118-1	5493	5643	5151	5429	4.64	cps
Titanium	47-1	642	775	775	731	10.54	cps
Uranium	238-1	692	500	433	542	24.76	cps
Vanadium	51-2	117	100	67	94	26.96	cps
Yttrium	89-1	8503027	8560896	8530234	8531386	0.34	cps
Yttrium	89-2	310840	311583	310732	311052	0.15	cps
Zinc	66-2	513	540	553	536	3.80	cps
Zirconium	90-1	1383	1300	1383	1356	3.55	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:20:02	DataFile Name :	012CALS_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	275	358	322	13.27	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:33:02	DataFile Name :	016ICV_P8121817MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3000	2792	2975	2923	3.89	cps
Antimony	121-1	1459126	1464476	1460370	1461324	0.19	cps
Arsenic	75-2	19349	18943	18976	19089	1.18	cps
Barium	135-1	156364	157811	157374	157183	0.47	cps
Barium	137-1	275967	279650	274057	276558	1.03	cps
Beryllium	9-1	89276	90052	89376	89568	0.47	cps
Bismuth	209-1	6356247	6493303	6348579	6399376	1.27	cps
Bismuth	209-2	1845218	1849529	1873619	1856122	0.82	cps
Boron	10-1	64311	64168	64320	64266	0.13	cps
Boron	11-1	300909	301293	303822	302008	0.52	cps
Cadmium	111-1	162469	162100	162075	162215	0.14	cps
Cadmium	106-1	28807	27654	27554	28005	2.48	cps
Cadmium	108-1	14967	14667	14967	14867	1.17	cps
Calcium	43-1	34067	34920	34803	34597	1.34	cps
Calcium	44-1	551770	556844	553935	554183	0.46	cps
Chromium	52-2	71454	71454	70989	71299	0.38	cps
Cobalt	59-2	154890	154273	154886	154683	0.23	cps
Copper	63-2	132114	132157	131985	132086	0.07	cps
Dysprosium	156-1	17	42	58	39	53.93	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	42	67	75	61	28.38	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	75	75	83	78	6.19	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	9817270	9926515	9856153	9866646	0.56	cps
Holmium	165-2	2352377	2330018	2332860	2338418	0.52	cps
Indium	115-1	8082102	7994463	8044309	8040291	0.55	cps
Indium	115-2	420809	415867	419335	418671	0.61	cps
Iron	56-2	497897	496249	496419	496855	0.18	cps
Iron	57-2	12400	12495	13112	12669	3.05	cps
Lead	206-1	930496	939931	946165	938864	0.84	cps
Lead	207-1	813183	826994	830030	823402	1.09	cps
Lead	208-1	3784671	3812439	3846022	3814377	0.81	cps
Lithium	6-1	1333668	1347494	1325764	1335642	0.82	cps
Magnesium	24-2	30509	31528	31018	31018	1.64	cps
Manganese	55-2	21937	21597	22028	21854	1.04	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:33:02	DataFile Name :	016ICV_P8121817MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2981690	2950069	2948221	2959993	0.64	cps
Molybdenum	95-1	1611315	1623827	1578059	1604400	1.47	cps
Molybdenum	96-1	2068357	2058278	2030803	2052479	0.95	cps
Molybdenum	97-1	974383	982511	973686	976860	0.50	cps
Molybdenum	98-1	2547140	2598593	2541917	2562550	1.22	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	45173	45163	45029	45122	0.18	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	35228	33675	34159	34354	2.31	cps
Rhodium	103-1	7411571	7401659	7349766	7387665	0.45	cps
Rhodium	103-2	2178183	2188040	2156090	2174105	0.75	cps
Scandium	45-1	4485429	4515551	4471584	4490855	0.50	cps
Scandium	45-2	42655	42858	42147	42553	0.86	cps
Selenium	77-2	153	130	97	127	22.48	cps
Selenium	78-2	537	444	493	491	9.42	cps
Selenium	82-1	19223	19895	19577	19565	1.72	cps
Silicon	28-1	1656254	1648295	1666495	1657015	0.55	cps
Silver	109-1	738145	735024	736350	736507	0.21	cps
Silver	107-1	768908	767905	777084	771299	0.65	cps
Sodium	23-2	146505	143626	142835	144322	1.34	cps
Strontium	86-1	1021114	1033701	1017573	1024129	0.83	cps
Strontium	88-1	8788217	8851184	8811238	8816880	0.36	cps
Sulfur	34-1	333285	333078	334149	333504	0.17	cps
Terbium	159-1	10188348	10256542	10152950	10199280	0.52	cps
Terbium	159-2	2287308	2266399	2268293	2274000	0.51	cps
Thallium	203-1	1162216	1177885	1183847	1174649	0.95	cps
Thallium	205-1	2816507	2818995	2870589	2835364	1.08	cps
Tin	118-1	2670483	2660852	2643787	2658374	0.51	cps
Titanium	47-1	401964	402298	399869	401377	0.33	cps
Uranium	238-1	9210428	9333351	9348692	9297490	0.82	cps
Vanadium	51-2	54609	53783	54422	54271	0.80	cps
Yttrium	89-1	8558834	8539383	8410883	8503033	0.95	cps
Yttrium	89-2	313498	311326	310853	311892	0.45	cps
Zinc	66-2	25246	24612	24545	24801	1.56	cps
Zirconium	90-1	5653628	5687718	5559377	5633574	1.18	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:33:02	DataFile Name :	016ICV_P8121817MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1258939	1246778	1237998	1247905	0.84	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:36:07	DataFile Name :	017CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	0	8	11	114.58	cps
Antimony	121-1	967	1142	967	1025	9.86	cps
Arsenic	75-2	4	15	2	7	103.29	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	50	33	75	53	39.74	cps
Beryllium	9-1	428	411	406	415	2.79	cps
Bismuth	209-1	6283444	6350649	6241251	6291781	0.88	cps
Bismuth	209-2	1826970	1856599	1570328	1751299	8.99	cps
Boron	10-1	1917	1684	1942	1847	7.71	cps
Boron	11-1	8645	8361	8053	8353	3.55	cps
Cadmium	111-1	1290	1007	1005	1101	14.91	cps
Cadmium	106-1	1792	1442	1408	1547	13.73	cps
Cadmium	108-1	8	33	8	17	86.62	cps
Calcium	43-1	1250	1142	1150	1181	5.11	cps
Calcium	44-1	21425	20566	20800	20930	2.12	cps
Chromium	52-2	353	303	313	323	8.18	cps
Cobalt	59-2	63	70	97	77	23.01	cps
Copper	63-2	297	267	253	272	8.15	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	25	75	33	44	60.28	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	9690237	9740499	9593842	9674859	0.77	cps
Holmium	165-2	2338009	2330742	1951719	2206823	10.01	cps
Indium	115-1	8090726	8040602	8030228	8053852	0.40	cps
Indium	115-2	422491	422279	361487	402085	8.74	cps
Iron	56-2	2328	2317	2423	2356	2.46	cps
Iron	57-2	78	50	61	63	22.21	cps
Lead	206-1	417	317	428	387	15.81	cps
Lead	207-1	433	367	394	398	8.41	cps
Lead	208-1	1950	1683	1628	1754	9.82	cps
Lithium	6-1	1319472	1336961	1330577	1329003	0.67	cps
Magnesium	24-2	783	600	658	681	13.76	cps
Manganese	55-2	47	30	23	33	36.07	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:36:07	DataFile Name :	017CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	358	283	333	12.99	cps
Molybdenum	95-1	258	283	192	244	19.38	cps
Molybdenum	96-1	267	158	233	219	25.29	cps
Molybdenum	97-1	225	142	92	153	44.09	cps
Molybdenum	98-1	367	342	358	356	3.58	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	353	450	480	428	15.47	cps
Phosphorus	31-2	8	0	42	17	132.30	cps
Potassium	39-2	2892	3184	3142	3073	5.14	cps
Rhodium	103-1	7473993	7424336	7371993	7423441	0.69	cps
Rhodium	103-2	2191804	2178363	1874752	2081640	8.61	cps
Scandium	45-1	4495532	4462629	4471499	4476553	0.38	cps
Scandium	45-2	42571	42842	37031	40815	8.03	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-57	53	21	6	945.51	cps
Silicon	28-1	411192	413499	411095	411928	0.33	cps
Silver	109-1	1258	1508	1450	1406	9.31	cps
Silver	107-1	1542	1600	1350	1497	8.74	cps
Sodium	23-2	26935	26901	26692	26843	0.49	cps
Strontium	86-1	575	717	608	633	11.70	cps
Strontium	88-1	100	67	100	89	21.65	cps
Sulfur	34-1	340122	338304	337248	338558	0.43	cps
Terbium	159-1	10146687	10094288	9994338	10078438	0.77	cps
Terbium	159-2	2275732	2250015	1921219	2148989	9.20	cps
Thallium	203-1	742	667	683	697	5.65	cps
Thallium	205-1	1675	1717	1575	1656	4.40	cps
Tin	118-1	1300	1217	1333	1283	4.68	cps
Titanium	47-1	158	117	192	156	24.16	cps
Uranium	238-1	67	133	133	111	34.64	cps
Vanadium	51-2	7	0	7	4	86.60	cps
Yttrium	89-1	8383073	8528458	8362310	8424614	1.07	cps
Yttrium	89-2	312268	314675	270358	299101	8.33	cps
Zinc	66-2	33	13	20	22	45.83	cps
Zirconium	90-1	592	600	608	600	1.39	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:36:07	DataFile Name :	017CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	183	250	214	15.75	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:39:15	DataFile Name :	018ICSA_P8121817MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	504527	498887	501869	501761	0.56	cps
Antimony	121-1	9128	9220	9562	9304	2.46	cps
Arsenic	75-2	41	43	52	45	13.21	cps
Barium	135-1	2692	2467	2700	2620	5.05	cps
Barium	137-1	4693	4284	4609	4529	4.77	cps
Beryllium	9-1	550	572	417	513	16.40	cps
Bismuth	209-1	6533991	6569363	6515587	6539647	0.42	cps
Bismuth	209-2	1814101	1774355	1832148	1806868	1.64	cps
Boron	10-1	1700	1700	1558	1653	4.95	cps
Boron	11-1	7502	8036	7544	7694	3.86	cps
Cadmium	111-1	1557	1488	1634	1559	4.68	cps
Cadmium	106-1	1558	1617	1709	1628	4.65	cps
Cadmium	108-1	942	992	917	950	4.02	cps
Calcium	43-1	1594441	1617899	1605210	1605850	0.73	cps
Calcium	44-1	25811912	26114079	25861990	25929327	0.62	cps
Chromium	52-2	14591	14274	14481	14449	1.11	cps
Cobalt	59-2	1750	1897	1760	1802	4.55	cps
Copper	63-2	10441	10174	10227	10281	1.37	cps
Dysprosium	156-1	50	25	58	44	39.04	cps
Dysprosium	156-2	7	17	13	12	41.65	cps
Erbium	164-1	75	67	17	53	59.77	cps
Erbium	164-2	3	3	20	9	108.30	cps
Gadolinium	160-1	108	58	50	72	43.68	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	10246615	10505196	10337808	10363206	1.27	cps
Holmium	165-2	2392472	2360286	2398969	2383909	0.87	cps
Indium	115-1	8207420	8225703	8130124	8187749	0.62	cps
Indium	115-2	414493	408522	413252	412089	0.76	cps
Iron	56-2	48111362	47882436	48263190	48085663	0.40	cps
Iron	57-2	1220720	1210470	1208461	1213217	0.54	cps
Lead	206-1	23689	24146	23439	23758	1.51	cps
Lead	207-1	19321	18775	18903	19000	1.50	cps
Lead	208-1	90288	89501	89882	89890	0.44	cps
Lithium	6-1	1325845	1314162	1314323	1318110	0.51	cps
Magnesium	24-2	2474204	2429262	2480677	2461381	1.14	cps
Manganese	55-2	1593	1867	1773	1745	7.97	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:39:15	DataFile Name :	018ICSA_P8121817MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3597129	3594740	3589457	3593775	0.11	cps
Molybdenum	95-1	6261017	6298958	6251185	6270387	0.40	cps
Molybdenum	96-1	6654234	6734932	6737727	6708964	0.71	cps
Molybdenum	97-1	3962704	3966522	4001377	3976867	0.54	cps
Molybdenum	98-1	9990116	10018365	10001919	10003467	0.14	cps
Neodymium	150-1	27	40	27	31	24.74	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	2407	2424	2620	2484	4.78	cps
Phosphorus	31-2	37091	37350	39188	37877	3.02	cps
Potassium	39-2	1528231	1539440	1543524	1537065	0.52	cps
Rhodium	103-1	7339822	7395172	7407477	7380824	0.49	cps
Rhodium	103-2	2126074	2111382	2109824	2115760	0.42	cps
Scandium	45-1	4482240	4538241	4470078	4496853	0.81	cps
Scandium	45-2	41067	39967	40763	40599	1.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	6	4	86.60	cps
Selenium	82-1	4	24	-30	-1	-4738.04	cps
Silicon	28-1	512242	510687	505712	509547	0.67	cps
Silver	109-1	13691	15309	16878	15293	10.42	cps
Silver	107-1	14508	16603	17495	16202	9.46	cps
Sodium	23-2	5660528	5630910	5660461	5650633	0.30	cps
Strontium	86-1	69595	71186	70633	70471	1.15	cps
Strontium	88-1	610271	613849	618871	614330	0.70	cps
Sulfur	34-1	2111279	2119535	2113923	2114912	0.20	cps
Terbium	159-1	10758147	10756139	10744326	10752871	0.07	cps
Terbium	159-2	2292134	2313567	2314022	2306574	0.54	cps
Thallium	203-1	1092	1300	1100	1164	10.13	cps
Thallium	205-1	2850	2809	2717	2792	2.44	cps
Tin	118-1	1825	1992	1917	1911	4.37	cps
Titanium	47-1	1621090	1634907	1635461	1630486	0.50	cps
Uranium	238-1	525	417	517	486	12.40	cps
Vanadium	51-2	77	117	93	96	21.03	cps
Yttrium	89-1	8615430	8704958	8716070	8678820	0.64	cps
Yttrium	89-2	310331	309399	309155	309628	0.20	cps
Zinc	66-2	1493	1433	1543	1490	3.70	cps
Zirconium	90-1	1075	975	1033	1028	4.89	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:39:15	DataFile Name :	018ICSA_P8121817MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	250	192	208	17.43	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:42:20	DataFile Name :	019ICSB_P8121817MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	523790	519279	516291	519786	0.73	cps
Antimony	121-1	160233	160066	160856	160385	0.26	cps
Arsenic	75-2	1893	1911	1900	1901	0.49	cps
Barium	135-1	35507	36368	35599	35824	1.32	cps
Barium	137-1	62431	62180	62591	62401	0.33	cps
Beryllium	9-1	19564	20153	19720	19812	1.54	cps
Bismuth	209-1	6315241	6326389	6310255	6317295	0.13	cps
Bismuth	209-2	1822309	1808435	1786777	1805840	0.99	cps
Boron	10-1	7969	8261	8244	8158	2.01	cps
Boron	11-1	37910	38143	37542	37865	0.80	cps
Cadmium	111-1	34399	34503	33454	34119	1.69	cps
Cadmium	106-1	6168	6160	5702	6010	4.45	cps
Cadmium	108-1	3267	3534	3446	3416	3.98	cps
Calcium	43-1	1617550	1638072	1619356	1624993	0.70	cps
Calcium	44-1	26130000	26538540	26439512	26369351	0.81	cps
Chromium	52-2	29732	29672	29351	29585	0.69	cps
Cobalt	59-2	32926	32896	33016	32946	0.19	cps
Copper	63-2	36689	36595	37180	36821	0.85	cps
Dysprosium	156-1	50	42	17	36	48.03	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	108	100	67	92	24.05	cps
Erbium	164-2	13	20	10	14	35.26	cps
Gadolinium	160-1	75	83	108	89	19.52	cps
Gadolinium	160-2	17	20	20	19	10.18	cps
Holmium	165-1	10137734	10058849	10201312	10132632	0.70	cps
Holmium	165-2	2416629	2371821	2390142	2392864	0.94	cps
Indium	115-1	8223763	8169688	8218119	8203856	0.36	cps
Indium	115-2	421559	417844	416122	418508	0.66	cps
Iron	56-2	49729566	49125586	49206002	49353718	0.66	cps
Iron	57-2	1257591	1246900	1242042	1248844	0.64	cps
Lead	206-1	118880	121161	117708	119250	1.47	cps
Lead	207-1	100009	99796	98378	99394	0.89	cps
Lead	208-1	461678	466343	459403	462475	0.77	cps
Lithium	6-1	1324104	1305864	1323312	1317760	0.78	cps
Magnesium	24-2	2529073	2541450	2515046	2528523	0.52	cps
Manganese	55-2	6105	6505	6241	6284	3.24	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:42:20	DataFile Name :	019ICSB_P8121817MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3970655	3948720	3890104	3936493	1.06	cps
Molybdenum	95-1	6421351	6466975	6466907	6451744	0.41	cps
Molybdenum	96-1	6915464	6884567	6944106	6914712	0.43	cps
Molybdenum	97-1	4086737	4115341	4092365	4098147	0.37	cps
Molybdenum	98-1	10244775	10426134	10391875	10354261	0.93	cps
Neodymium	150-1	33	87	73	64	43.07	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	11572	11602	11345	11506	1.22	cps
Phosphorus	31-2	39949	38829	39740	39506	1.51	cps
Potassium	39-2	1593939	1605629	1583886	1594485	0.68	cps
Rhodium	103-1	7299377	7363418	7439168	7367321	0.95	cps
Rhodium	103-2	2155569	2119832	2111256	2128886	1.10	cps
Scandium	45-1	4556729	4636543	4574112	4589128	0.91	cps
Scandium	45-2	42671	41892	42364	42309	0.93	cps
Selenium	77-2	3	7	13	8	65.47	cps
Selenium	78-2	48	52	39	46	14.42	cps
Selenium	82-1	2009	1973	2056	2013	2.06	cps
Silicon	28-1	720477	723053	725612	723047	0.36	cps
Silver	109-1	146339	148006	155405	149916	3.22	cps
Silver	107-1	153802	154966	158175	155648	1.46	cps
Sodium	23-2	5885040	5905645	5914916	5901867	0.26	cps
Strontium	86-1	192235	189475	190689	190800	0.73	cps
Strontium	88-1	1674252	1689297	1700900	1688150	0.79	cps
Sulfur	34-1	2201182	2174189	2162206	2179193	0.92	cps
Terbium	159-1	10562613	10526041	10527303	10538652	0.20	cps
Terbium	159-2	2330500	2321468	2292852	2314940	0.85	cps
Thallium	203-1	118146	118203	121005	119118	1.37	cps
Thallium	205-1	284882	282598	282485	283322	0.48	cps
Tin	118-1	304450	310369	305782	306867	1.01	cps
Titanium	47-1	1696434	1695078	1694056	1695189	0.07	cps
Uranium	238-1	1108772	1090166	1097203	1098714	0.86	cps
Vanadium	51-2	11408	11195	10928	11177	2.15	cps
Yttrium	89-1	8837987	8735196	8732413	8768532	0.69	cps
Yttrium	89-2	315844	315561	314052	315153	0.31	cps
Zinc	66-2	4024	3824	3911	3920	2.56	cps
Zirconium	90-1	662627	663667	676792	667695	1.18	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:42:20	DataFile Name :	019ICSB_P8121817MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	149801	150221	150812	150278	0.34	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:45:23	DataFile Name :	020CCV_P8121817MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	294788	291930	293546	293421	0.49	cps
Antimony	121-1	4051121	4093335	4054727	4066394	0.58	cps
Arsenic	75-2	50369	50193	50483	50348	0.29	cps
Barium	135-1	4329155	4354553	4334995	4339568	0.31	cps
Barium	137-1	7399799	7494710	7459677	7451395	0.64	cps
Beryllium	9-1	478706	480527	478665	479299	0.22	cps
Bismuth	209-1	6318593	6358975	6308503	6328690	0.42	cps
Bismuth	209-2	1798324	1778468	1778776	1785189	0.64	cps
Boron	10-1	54337	54479	55893	54903	1.57	cps
Boron	11-1	252856	254689	261467	256337	1.77	cps
Cadmium	111-1	820905	827991	821080	823326	0.49	cps
Cadmium	106-1	88649	88214	86922	87928	1.02	cps
Cadmium	108-1	58673	60540	58748	59320	1.78	cps
Calcium	43-1	4169619	4172576	4151897	4164697	0.27	cps
Calcium	44-1	67982699	67739235	67685329	67802421	0.23	cps
Chromium	52-2	386496	383409	383100	384335	0.49	cps
Cobalt	59-2	798370	788978	793422	793590	0.59	cps
Copper	63-2	1333602	1324816	1320024	1326147	0.52	cps
Dysprosium	156-1	92	108	100	100	8.33	cps
Dysprosium	156-2	13	7	17	12	41.65	cps
Erbium	164-1	50	100	42	64	49.39	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	117	133	108	119	10.66	cps
Gadolinium	160-2	17	23	17	19	20.36	cps
Holmium	165-1	10209369	10222529	10251507	10227802	0.21	cps
Holmium	165-2	2383118	2399671	2383508	2388766	0.40	cps
Indium	115-1	8137541	8108936	8087563	8111346	0.31	cps
Indium	115-2	410104	410500	407319	409308	0.42	cps
Iron	56-2	64957095	64077515	63994160	64342923	0.83	cps
Iron	57-2	1663758	1643605	1637406	1648257	0.84	cps
Lead	206-1	2520119	2538596	2531722	2530146	0.37	cps
Lead	207-1	2325056	2305256	2310649	2313654	0.44	cps
Lead	208-1	10264517	10269258	10281035	10271604	0.08	cps
Lithium	6-1	1285717	1292399	1290495	1289537	0.27	cps
Magnesium	24-2	6539913	6485729	6564512	6530051	0.62	cps
Manganese	55-2	231553	230663	230659	230958	0.22	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:45:23	DataFile Name :	020CCV_P8121817MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6834251	6844653	6798954	6825952	0.35	cps
Molybdenum	95-1	8363094	8365750	8396797	8375214	0.22	cps
Molybdenum	96-1	9337064	9247234	9291658	9291985	0.48	cps
Molybdenum	97-1	5291636	5297076	5328174	5305629	0.37	cps
Molybdenum	98-1	13512869	13388500	13524593	13475320	0.56	cps
Neodymium	150-1	187	193	273	218	22.15	cps
Neodymium	150-2	20	3	17	13	66.16	cps
Nickel	60-2	227060	226549	226115	226574	0.21	cps
Phosphorus	31-2	4243	3917	4318	4159	5.11	cps
Potassium	39-2	2121051	2092087	2092553	2101897	0.79	cps
Rhodium	103-1	7294478	7172903	7254754	7240712	0.86	cps
Rhodium	103-2	2114614	2096142	2060931	2090563	1.30	cps
Scandium	45-1	4583220	4567802	4582089	4577704	0.19	cps
Scandium	45-2	43026	42347	42832	42735	0.82	cps
Selenium	77-2	363	353	380	366	3.68	cps
Selenium	78-2	1211	1256	1274	1247	2.60	cps
Selenium	82-1	51683	52099	51951	51911	0.41	cps
Silicon	28-1	1825150	1860313	1852559	1846007	1.00	cps
Silver	109-1	3915372	3967031	3938698	3940367	0.66	cps
Silver	107-1	4083199	4070568	4074985	4076251	0.16	cps
Sodium	23-2	15312933	15261788	15318003	15297575	0.20	cps
Strontium	86-1	1110789	1113044	1111267	1111700	0.11	cps
Strontium	88-1	9576059	9584418	9619261	9593246	0.24	cps
Sulfur	34-1	595070	593701	599568	596113	0.51	cps
Terbium	159-1	10625542	10627451	10595816	10616270	0.17	cps
Terbium	159-2	2334011	2323825	2317680	2325172	0.35	cps
Thallium	203-1	3127681	3136188	3117325	3127065	0.30	cps
Thallium	205-1	7293224	7247787	7251282	7264098	0.35	cps
Tin	118-1	2777589	2796542	2769384	2781172	0.50	cps
Titanium	47-1	2155293	2141620	2143817	2146910	0.34	cps
Uranium	238-1	9979858	9975898	10027235	9994330	0.29	cps
Vanadium	51-2	294804	294093	292373	293757	0.43	cps
Yttrium	89-1	8690185	8731051	8650572	8690603	0.46	cps
Yttrium	89-2	313734	313627	312585	313315	0.20	cps
Zinc	66-2	126497	126433	126110	126347	0.16	cps
Zirconium	90-1	5765161	5822026	5742280	5776489	0.71	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:45:23	DataFile Name :	020CCV_P8121817MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1281349	1288370	1280820	1283513	0.33	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:50:33	DataFile Name :	021CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	17	19	24.73	cps
Antimony	121-1	1392	1325	1350	1356	2.48	cps
Arsenic	75-2	9	0	4	4	107.89	cps
Barium	135-1	125	92	100	106	16.44	cps
Barium	137-1	133	150	200	161	21.53	cps
Beryllium	9-1	439	439	411	430	3.73	cps
Bismuth	209-1	6563507	6601749	6581569	6582275	0.29	cps
Bismuth	209-2	1891675	1900287	1885855	1892606	0.38	cps
Boron	10-1	1725	1784	1608	1706	5.22	cps
Boron	11-1	7919	7686	7552	7719	2.41	cps
Cadmium	111-1	1155	1162	1199	1172	2.05	cps
Cadmium	106-1	1558	1617	1667	1614	3.36	cps
Cadmium	108-1	4	17	25	15	68.61	cps
Calcium	43-1	1325	1200	1242	1256	5.07	cps
Calcium	44-1	22369	21993	21576	21979	1.80	cps
Chromium	52-2	290	347	300	312	9.69	cps
Cobalt	59-2	90	77	110	92	18.19	cps
Copper	63-2	293	353	330	326	9.29	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	117	25	50	64	74.17	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	9996578	9937573	10059303	9997818	0.61	cps
Holmium	165-2	2428780	2380112	2391162	2400018	1.06	cps
Indium	115-1	8321835	8379423	8372873	8358044	0.38	cps
Indium	115-2	432598	433693	433882	433391	0.16	cps
Iron	56-2	5429	5273	5535	5412	2.43	cps
Iron	57-2	133	111	100	115	14.79	cps
Lead	206-1	567	728	650	648	12.43	cps
Lead	207-1	622	606	678	635	5.95	cps
Lead	208-1	2867	2845	2595	2769	5.46	cps
Lithium	6-1	1353222	1350568	1376678	1360156	1.06	cps
Magnesium	24-2	692	750	775	739	5.79	cps
Manganese	55-2	50	33	20	34	43.64	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:50:33	DataFile Name :	021CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	567	650	425	547	20.79	cps
Molybdenum	95-1	383	500	467	450	13.35	cps
Molybdenum	96-1	533	492	617	547	11.63	cps
Molybdenum	97-1	358	358	333	350	4.12	cps
Molybdenum	98-1	808	667	858	778	12.78	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	403	357	403	388	6.95	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3651	3242	3651	3515	6.71	cps
Rhodium	103-1	7639763	7593353	7593280	7608799	0.35	cps
Rhodium	103-2	2238326	2265743	2257136	2253735	0.62	cps
Scandium	45-1	4623446	4650720	4638218	4637461	0.29	cps
Scandium	45-2	43280	43624	43614	43506	0.45	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-3	12	-60	-17	-223.28	cps
Silicon	28-1	406264	401892	402473	403543	0.59	cps
Silver	109-1	1659	1625	1383	1556	9.65	cps
Silver	107-1	1692	1567	1734	1664	5.21	cps
Sodium	23-2	26225	26901	26200	26442	1.50	cps
Strontium	86-1	658	492	675	608	16.67	cps
Strontium	88-1	258	400	450	369	26.91	cps
Sulfur	34-1	360231	366811	363640	363561	0.91	cps
Terbium	159-1	10410373	10468827	10542506	10473902	0.63	cps
Terbium	159-2	2319215	2303287	2287196	2303233	0.70	cps
Thallium	203-1	825	800	758	795	4.24	cps
Thallium	205-1	1975	1959	1967	1967	0.42	cps
Tin	118-1	1142	1167	933	1081	11.86	cps
Titanium	47-1	258	308	333	300	12.73	cps
Uranium	238-1	250	208	258	239	11.21	cps
Vanadium	51-2	13	20	20	18	21.66	cps
Yttrium	89-1	8739439	8742548	8746959	8742982	0.04	cps
Yttrium	89-2	320920	322478	320170	321189	0.37	cps
Zinc	66-2	23	30	13	22	37.76	cps
Zirconium	90-1	667	792	733	731	8.56	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:50:33	DataFile Name :	021CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	183	183	203	16.61	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:53:40	DataFile Name :	022SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	83	142	119	26.41	cps
Antimony	121-1	15510	14984	14750	15081	2.58	cps
Arsenic	75-2	117	85	100	101	15.65	cps
Barium	135-1	14625	15134	14934	14898	1.72	cps
Barium	137-1	26227	26728	25492	26149	2.38	cps
Beryllium	9-1	1117	1178	1189	1161	3.35	cps
Bismuth	209-1	6496325	6533003	6410611	6479980	0.97	cps
Bismuth	209-2	1897029	1890406	1892683	1893373	0.18	cps
Boron	10-1	3684	3617	3692	3665	1.12	cps
Boron	11-1	16727	16827	16410	16655	1.31	cps
Cadmium	111-1	2759	2745	2749	2751	0.25	cps
Cadmium	106-1	1892	1792	2059	1914	7.04	cps
Cadmium	108-1	100	108	125	111	11.46	cps
Calcium	43-1	8870	8595	8228	8564	3.76	cps
Calcium	44-1	141607	141028	141196	141277	0.21	cps
Chromium	52-2	2024	1713	1793	1843	8.73	cps
Cobalt	59-2	1553	1563	1603	1573	1.68	cps
Copper	63-2	2747	2697	2797	2747	1.82	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	67	58	67	64	7.53	cps
Erbium	164-2	23	7	0	10	120.16	cps
Gadolinium	160-1	50	25	100	58	65.47	cps
Gadolinium	160-2	20	7	10	12	56.76	cps
Holmium	165-1	10001161	9980053	10018195	9999803	0.19	cps
Holmium	165-2	2415964	2381673	2396838	2398158	0.72	cps
Indium	115-1	8358854	8297431	8254358	8303548	0.63	cps
Indium	115-2	429955	427856	426890	428234	0.37	cps
Iron	56-2	27839	27639	27728	27735	0.36	cps
Iron	57-2	694	750	694	713	4.50	cps
Lead	206-1	4957	5196	5135	5096	2.44	cps
Lead	207-1	4490	4495	4784	4590	3.67	cps
Lead	208-1	20479	20285	20507	20424	0.59	cps
Lithium	6-1	1347651	1348298	1340047	1345332	0.34	cps
Magnesium	24-2	13132	12689	12764	12862	1.84	cps
Manganese	55-2	280	297	230	269	12.90	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:53:40	DataFile Name :	022SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11989	12431	12523	12314	2.32	cps
Molybdenum	95-1	14400	14083	15017	14500	3.28	cps
Molybdenum	96-1	17136	16936	16511	16861	1.90	cps
Molybdenum	97-1	9170	9045	9170	9128	0.79	cps
Molybdenum	98-1	23880	23680	23947	23836	0.58	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	870	813	803	829	4.34	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	11013	11130	11080	11074	0.53	cps
Rhodium	103-1	7791023	7680155	7674024	7715068	0.85	cps
Rhodium	103-2	2246325	2243678	2222315	2237439	0.59	cps
Scandium	45-1	4589327	4566935	4594268	4583510	0.32	cps
Scandium	45-2	43206	43206	43477	43297	0.36	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	26	24	24	25	4.35	cps
Selenium	82-1	377	485	424	429	12.60	cps
Silicon	28-1	452262	448570	450322	450384	0.41	cps
Silver	109-1	6835	6935	6902	6891	0.74	cps
Silver	107-1	7436	7744	7586	7589	2.03	cps
Sodium	23-2	54079	54455	53376	53970	1.01	cps
Strontium	86-1	2484	2325	2567	2459	4.99	cps
Strontium	88-1	17537	16360	17487	17128	3.88	cps
Sulfur	34-1	367025	366039	364971	366012	0.28	cps
Terbium	159-1	10449752	10507943	10281289	10412994	1.13	cps
Terbium	159-2	2319874	2338736	2326783	2328464	0.41	cps
Thallium	203-1	6027	5735	6068	5943	3.06	cps
Thallium	205-1	14951	14868	14567	14795	1.36	cps
Tin	118-1	25300	25634	24498	25144	2.32	cps
Titanium	47-1	3967	4009	3659	3878	4.93	cps
Uranium	238-1	16762	17354	17113	17076	1.74	cps
Vanadium	51-2	2647	2627	2717	2664	1.77	cps
Yttrium	89-1	8626473	8578206	8578897	8594525	0.32	cps
Yttrium	89-2	319771	318442	315153	317789	0.75	cps
Zinc	66-2	250	270	270	263	4.38	cps
Zirconium	90-1	10671	11781	10988	11147	5.13	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:53:40	DataFile Name :	022SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2442	2325	2375	2381	2.46	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105026BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:56:48	DataFile Name :	023CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	0	8	100.02	cps
Antimony	121-1	283	325	342	317	9.49	cps
Arsenic	75-2	7	2	4	4	65.54	cps
Barium	135-1	58	42	42	47	20.38	cps
Barium	137-1	42	42	42	42	0.00	cps
Beryllium	9-1	178	211	211	200	9.62	cps
Bismuth	209-1	6324132	6425733	6370064	6373310	0.80	cps
Bismuth	209-2	1839374	1822544	1844859	1835592	0.63	cps
Boron	10-1	1192	1158	967	1106	10.98	cps
Boron	11-1	5785	5701	5460	5649	2.99	cps
Cadmium	111-1	1069	1089	1183	1114	5.45	cps
Cadmium	106-1	1500	1517	1659	1559	5.58	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	1100	1108	1258	1156	7.71	cps
Calcium	44-1	19907	20140	20149	20065	0.68	cps
Chromium	52-2	377	297	320	331	12.42	cps
Cobalt	59-2	57	50	67	58	14.52	cps
Copper	63-2	237	297	257	263	11.60	cps
Dysprosium	156-1	33	8	33	25	57.75	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	50	58	50	16.67	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	58	67	58	61	7.87	cps
Gadolinium	160-2	13	13	0	9	86.60	cps
Holmium	165-1	9712939	9797922	9760378	9757079	0.44	cps
Holmium	165-2	2307843	2301856	2346552	2318750	1.05	cps
Indium	115-1	8173895	8166851	8121889	8154212	0.35	cps
Indium	115-2	419945	414725	421399	418690	0.84	cps
Iron	56-2	3012	3384	2895	3097	8.25	cps
Iron	57-2	50	50	94	65	39.59	cps
Lead	206-1	494	439	422	452	8.37	cps
Lead	207-1	400	439	317	385	16.21	cps
Lead	208-1	1861	1661	1583	1702	8.42	cps
Lithium	6-1	1340154	1330256	1337917	1336109	0.39	cps
Magnesium	24-2	1000	667	717	795	22.63	cps
Manganese	55-2	20	43	23	29	43.68	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105026BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:56:48	DataFile Name :	023CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	208	208	233	18.56	cps
Molybdenum	95-1	142	142	125	136	7.07	cps
Molybdenum	96-1	183	183	158	175	8.25	cps
Molybdenum	97-1	108	142	67	106	35.60	cps
Molybdenum	98-1	142	192	242	192	26.09	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	407	457	427	430	5.85	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3584	3217	3267	3356	5.93	cps
Rhodium	103-1	7434405	7457876	7468739	7453673	0.24	cps
Rhodium	103-2	2201139	2169089	2212572	2194267	1.03	cps
Scandium	45-1	4492428	4477171	4500890	4490163	0.27	cps
Scandium	45-2	42842	42327	42387	42519	0.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-2	10	3	4	155.24	cps
Silicon	28-1	407269	400208	403500	403659	0.88	cps
Silver	109-1	842	1000	1343	1061	24.12	cps
Silver	107-1	1175	992	850	1006	16.21	cps
Sodium	23-2	25849	25766	26075	25897	0.62	cps
Strontium	86-1	608	467	542	539	13.15	cps
Strontium	88-1	208	142	167	172	19.56	cps
Sulfur	34-1	362894	367312	364528	364911	0.61	cps
Terbium	159-1	10206644	10141433	10274159	10207412	0.65	cps
Terbium	159-2	2250392	2264686	2256809	2257296	0.32	cps
Thallium	203-1	642	567	500	569	12.45	cps
Thallium	205-1	1175	1292	1300	1256	5.57	cps
Tin	118-1	792	1025	975	931	13.20	cps
Titanium	47-1	117	133	175	142	21.21	cps
Uranium	238-1	75	42	125	81	52.07	cps
Vanadium	51-2	3	10	17	10	66.70	cps
Yttrium	89-1	8614621	8599631	8518204	8577485	0.60	cps
Yttrium	89-2	310730	309095	312012	310612	0.47	cps
Zinc	66-2	30	23	7	20	60.08	cps
Zirconium	90-1	708	642	533	628	14.07	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105026BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:56:48	DataFile Name :	023CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	92	117	94	22.21	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105026BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:59:57	DataFile Name :	024LCSE_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	233	267	236	12.40	cps
Antimony	121-1	28782	29183	28540	28835	1.13	cps
Arsenic	75-2	169	178	178	175	3.06	cps
Barium	135-1	31113	30703	31246	31021	0.91	cps
Barium	137-1	53200	54011	51869	53027	2.04	cps
Beryllium	9-1	2200	1956	2122	2093	5.97	cps
Bismuth	209-1	6345816	6329623	6281480	6318973	0.53	cps
Bismuth	209-2	1804740	1811003	1799480	1805075	0.32	cps
Boron	10-1	5435	5501	5301	5412	1.88	cps
Boron	11-1	25540	26985	26125	26217	2.77	cps
Cadmium	111-1	4118	4487	4175	4260	4.66	cps
Cadmium	106-1	1984	1900	1925	1936	2.21	cps
Cadmium	108-1	238	229	188	218	12.28	cps
Calcium	43-1	15843	16711	16561	16371	2.83	cps
Calcium	44-1	268198	265092	265086	266125	0.67	cps
Chromium	52-2	3484	3447	3360	3430	1.85	cps
Cobalt	59-2	3210	3190	3050	3150	2.77	cps
Copper	63-2	5668	5631	5535	5611	1.23	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	83	125	89	37.89	cps
Erbium	164-2	10	20	13	14	35.26	cps
Gadolinium	160-1	83	33	92	69	45.44	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	9839595	9797656	9645819	9761023	1.04	cps
Holmium	165-2	2319397	2324769	2278564	2307577	1.10	cps
Indium	115-1	8166334	8068427	8011160	8081974	0.97	cps
Indium	115-2	413162	417406	409288	413286	0.98	cps
Iron	56-2	238239	236168	230027	234811	1.82	cps
Iron	57-2	5957	5913	5818	5896	1.20	cps
Lead	206-1	9804	9448	9810	9687	2.14	cps
Lead	207-1	8336	8748	8803	8629	2.96	cps
Lead	208-1	37817	38457	39458	38577	2.14	cps
Lithium	6-1	1330476	1306525	1295410	1310804	1.37	cps
Magnesium	24-2	26409	26292	25582	26094	1.71	cps
Manganese	55-2	567	540	457	521	11.01	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105026BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:59:57	DataFile Name :	024LCSE_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25450	25525	25233	25402	0.60	cps
Molybdenum	95-1	29901	29942	29850	29898	0.15	cps
Molybdenum	96-1	33108	33693	32966	33256	1.16	cps
Molybdenum	97-1	18964	18905	18772	18880	0.52	cps
Molybdenum	98-1	47133	47267	48437	47612	1.51	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1470	1303	1307	1360	7.01	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	18488	18989	17995	18491	2.69	cps
Rhodium	103-1	7480585	7402432	7367732	7416916	0.78	cps
Rhodium	103-2	2146308	2164364	2138413	2149695	0.62	cps
Scandium	45-1	4539848	4532211	4439871	4503977	1.24	cps
Scandium	45-2	41989	41772	41080	41614	1.14	cps
Selenium	77-2	7	3	17	9	78.08	cps
Selenium	78-2	24	22	22	23	4.68	cps
Selenium	82-1	1026	1032	1032	1030	0.33	cps
Silicon	28-1	494549	498582	494765	495965	0.46	cps
Silver	109-1	13199	14167	13557	13641	3.59	cps
Silver	107-1	13733	14200	14984	14305	4.42	cps
Sodium	23-2	82984	82271	82891	82715	0.47	cps
Strontium	86-1	4418	4084	4601	4368	6.00	cps
Strontium	88-1	35990	34971	34804	35255	1.82	cps
Sulfur	34-1	361581	363263	364110	362985	0.35	cps
Terbium	159-1	10160694	10131670	10039157	10110507	0.63	cps
Terbium	159-2	2250238	2250363	2198230	2232943	1.35	cps
Thallium	203-1	11205	11297	12098	11534	4.26	cps
Thallium	205-1	28191	27798	27673	27887	0.97	cps
Tin	118-1	50839	50362	50229	50477	0.64	cps
Titanium	47-1	7819	8028	7803	7883	1.59	cps
Uranium	238-1	34775	34950	35510	35078	1.09	cps
Vanadium	51-2	5428	5418	5521	5456	1.05	cps
Yttrium	89-1	8374656	8501142	8336474	8404090	1.03	cps
Yttrium	89-2	308959	308055	301543	306185	1.32	cps
Zinc	66-2	587	540	600	576	5.47	cps
Zirconium	90-1	21693	21819	22461	21991	1.87	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105026BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 15:59:57	DataFile Name :	024LCSE_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4826	5260	4976	5021	4.39	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6803-01 Instrumnet Name : P8
 Client Sample ID : MBDYW5 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 16:03:04 DataFile Name : 025SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	117	183	144	24.02	cps
Antimony	121-1	2359	2267	2225	2284	2.99	cps
Arsenic	75-2	54	44	57	52	12.88	cps
Barium	135-1	82784	81727	80939	81817	1.13	cps
Barium	137-1	145014	143445	139580	142679	1.96	cps
Beryllium	9-1	200	250	133	194	30.10	cps
Bismuth	209-1	7023314	7008497	6984319	7005377	0.28	cps
Bismuth	209-2	1995040	1965563	1706494	1889032	8.40	cps
Boron	10-1	63332	64822	66823	64992	2.69	cps
Boron	11-1	296310	304612	308016	302979	1.99	cps
Cadmium	111-1	1361	1423	1454	1413	3.36	cps
Cadmium	106-1	1817	1825	1850	1831	0.95	cps
Cadmium	108-1	33	13	17	21	52.90	cps
Calcium	43-1	2287239	2261964	2252503	2267235	0.79	cps
Calcium	44-1	36745939	36433867	36387654	36522487	0.53	cps
Chromium	52-2	3767	3794	3667	3743	1.78	cps
Cobalt	59-2	597	547	560	568	4.56	cps
Copper	63-2	2124	2207	2170	2167	1.93	cps
Dysprosium	156-1	242	242	242	242	0.00	cps
Dysprosium	156-2	57	73	50	60	20.04	cps
Erbium	164-1	283	333	392	336	16.13	cps
Erbium	164-2	60	67	37	54	28.93	cps
Gadolinium	160-1	267	333	242	281	16.89	cps
Gadolinium	160-2	60	107	67	78	32.45	cps
Holmium	165-1	11044362	11123058	11023254	11063558	0.48	cps
Holmium	165-2	2584814	2551849	2177170	2437944	9.29	cps
Indium	115-1	9105315	9042542	8974203	9040687	0.73	cps
Indium	115-2	449258	448285	387524	428356	8.26	cps
Iron	56-2	23660	24778	23125	23854	3.54	cps
Iron	57-2	606	617	694	639	7.58	cps
Lead	206-1	1539	1500	1572	1537	2.35	cps
Lead	207-1	1461	1422	1145	1343	12.86	cps
Lead	208-1	6584	6173	5706	6154	7.14	cps
Lithium	6-1	1481801	1489060	1491749	1487537	0.35	cps
Magnesium	24-2	1215098	1193623	1222764	1210495	1.25	cps
Manganese	55-2	85067	84067	85235	84790	0.74	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-01	Instrumnet Name :	P8
Client Sample ID :	MBDYW5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:03:04	DataFile Name :	025SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6435	6318	6502	6418	1.45	cps
Molybdenum	95-1	11414	11047	10554	11005	3.92	cps
Molybdenum	96-1	11405	11447	11639	11497	1.08	cps
Molybdenum	97-1	6760	7294	7027	7027	3.80	cps
Molybdenum	98-1	18113	17270	16853	17412	3.69	cps
Neodymium	150-1	513	447	360	440	17.47	cps
Neodymium	150-2	83	63	57	68	20.48	cps
Nickel	60-2	2564	2500	2484	2516	1.68	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	42599	42114	42357	42357	0.57	cps
Rhodium	103-1	8177891	8109192	8028782	8105289	0.92	cps
Rhodium	103-2	2325781	2312120	1981556	2206485	8.83	cps
Scandium	45-1	5021697	4994321	5009714	5008577	0.27	cps
Scandium	45-2	46560	44865	39049	43491	9.06	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	52	-27	-51	-8	-632.60	cps
Silicon	28-1	42371352	41470198	40945187	41595579	1.73	cps
Silver	109-1	11914	11347	11222	11494	3.21	cps
Silver	107-1	12156	11489	11397	11681	3.55	cps
Sodium	23-2	2588359	2533751	2549787	2557299	1.10	cps
Strontium	86-1	488045	479006	475634	480895	1.33	cps
Strontium	88-1	4282406	4191544	4183493	4219148	1.30	cps
Sulfur	34-1	680688	676765	673222	676892	0.55	cps
Terbium	159-1	11436990	11578294	11538355	11517880	0.63	cps
Terbium	159-2	2537916	2479122	2115248	2377429	9.63	cps
Thallium	203-1	1417	1225	1200	1281	9.26	cps
Thallium	205-1	3151	3051	2900	3034	4.15	cps
Tin	118-1	1475	1775	1467	1572	11.17	cps
Titanium	47-1	817	883	642	781	15.99	cps
Uranium	238-1	27974	28083	28100	28052	0.24	cps
Vanadium	51-2	3467	3517	3344	3443	2.59	cps
Yttrium	89-1	9559561	9619394	9508609	9562521	0.58	cps
Yttrium	89-2	337640	333490	287094	319408	8.79	cps
Zinc	66-2	7402	7449	7185	7345	1.91	cps
Zirconium	90-1	858	667	817	781	12.91	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-01	Instrumnet Name :	P8
Client Sample ID :	MBDYW5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:03:04	DataFile Name :	025SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	208	192	178	22.15	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-02	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:06:12	DataFile Name :	026SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	767	750	967	828	14.58	cps
Antimony	121-1	1684	1734	1734	1717	1.68	cps
Arsenic	75-2	26	26	30	27	7.86	cps
Barium	135-1	29718	30202	29208	29709	1.67	cps
Barium	137-1	52321	51710	51460	51830	0.85	cps
Beryllium	9-1	244	161	150	185	27.87	cps
Bismuth	209-1	7319041	7292123	7264089	7291751	0.38	cps
Bismuth	209-2	2040441	2008533	1976524	2008499	1.59	cps
Boron	10-1	32747	35228	32571	33515	4.43	cps
Boron	11-1	154122	155567	156418	155369	0.75	cps
Cadmium	111-1	1388	1453	1350	1397	3.74	cps
Cadmium	106-1	1817	1817	1775	1803	1.33	cps
Cadmium	108-1	25	21	38	28	31.23	cps
Calcium	43-1	1698909	1674409	1637135	1670151	1.86	cps
Calcium	44-1	27301526	27083042	26864931	27083166	0.81	cps
Chromium	52-2	2450	2324	2440	2405	2.93	cps
Cobalt	59-2	4768	4761	4821	4783	0.69	cps
Copper	63-2	2890	2874	2904	2889	0.52	cps
Dysprosium	156-1	533	483	458	492	7.77	cps
Dysprosium	156-2	100	77	87	88	13.33	cps
Erbium	164-1	508	450	442	467	7.78	cps
Erbium	164-2	127	80	83	97	26.93	cps
Gadolinium	160-1	567	475	408	483	16.45	cps
Gadolinium	160-2	183	167	160	170	7.07	cps
Holmium	165-1	11593755	11509392	11371711	11491619	0.98	cps
Holmium	165-2	2603325	2584190	2552239	2579918	1.00	cps
Indium	115-1	9379718	9179983	9192540	9250747	1.21	cps
Indium	115-2	451463	448145	442408	447339	1.02	cps
Iron	56-2	162807	161940	159698	161482	0.99	cps
Iron	57-2	4012	4134	4012	4053	1.74	cps
Lead	206-1	1306	1033	1206	1182	11.66	cps
Lead	207-1	1133	1133	978	1082	8.30	cps
Lead	208-1	4984	4595	4812	4797	4.06	cps
Lithium	6-1	1527564	1515045	1492045	1511551	1.19	cps
Magnesium	24-2	1021681	1013603	1009681	1014988	0.60	cps
Manganese	55-2	761676	752110	750101	754629	0.82	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-02	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:06:12	DataFile Name :	026SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3517	3426	3367	3437	2.20	cps
Molybdenum	95-1	4651	4576	5009	4745	4.88	cps
Molybdenum	96-1	5193	5668	5335	5399	4.52	cps
Molybdenum	97-1	3317	3101	3142	3187	3.61	cps
Molybdenum	98-1	8061	7869	7744	7892	2.02	cps
Neodymium	150-1	820	740	667	742	10.33	cps
Neodymium	150-2	97	80	110	96	15.73	cps
Nickel	60-2	1894	1880	1853	1876	1.09	cps
Phosphorus	31-2	33	50	8	31	68.64	cps
Potassium	39-2	25917	24873	24839	25210	2.43	cps
Rhodium	103-1	8385317	8277322	8260849	8307829	0.81	cps
Rhodium	103-2	2372069	2346259	2335774	2351367	0.79	cps
Scandium	45-1	5042311	5041869	5012146	5032109	0.34	cps
Scandium	45-2	44357	44547	44143	44349	0.46	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	16	2	-102	-28	-230.60	cps
Silicon	28-1	41518768	41174545	40690098	41127803	1.01	cps
Silver	109-1	10805	11305	11464	11191	3.07	cps
Silver	107-1	11722	11814	11622	11719	0.82	cps
Sodium	23-2	1432568	1417353	1401355	1417092	1.10	cps
Strontium	86-1	332305	328230	326019	328851	0.97	cps
Strontium	88-1	2925849	2915961	2865771	2902527	1.11	cps
Sulfur	34-1	532685	541588	533365	535879	0.92	cps
Terbium	159-1	12035649	12011111	11724972	11923911	1.45	cps
Terbium	159-2	2531653	2530864	2463374	2508630	1.56	cps
Thallium	203-1	725	758	808	764	5.49	cps
Thallium	205-1	1725	1925	1600	1750	9.37	cps
Tin	118-1	1750	1750	1825	1775	2.44	cps
Titanium	47-1	5368	5385	5803	5518	4.46	cps
Uranium	238-1	26187	25769	25769	25908	0.93	cps
Vanadium	51-2	2800	2834	2884	2839	1.48	cps
Yttrium	89-1	9726005	9675310	9535984	9645766	1.02	cps
Yttrium	89-2	336679	333005	329265	332983	1.11	cps
Zinc	66-2	577	580	577	578	0.33	cps
Zirconium	90-1	1917	1750	2142	1936	10.15	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-02	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:06:12	DataFile Name :	026SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	392	492	403	20.83	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6803-03 Instrumnet Name : P8
 Client Sample ID : MBDYZ4 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 16:09:17 DataFile Name : 027SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	17	28	45.82	cps
Antimony	121-1	933	1075	1033	1014	7.18	cps
Arsenic	75-2	6	13	6	8	53.23	cps
Barium	135-1	100	100	133	111	17.32	cps
Barium	137-1	125	150	208	161	26.54	cps
Beryllium	9-1	183	144	161	163	11.97	cps
Bismuth	209-1	7237794	7130654	7044939	7137796	1.35	cps
Bismuth	209-2	1906485	1958431	1954804	1939906	1.49	cps
Boron	10-1	2800	2417	2500	2573	7.84	cps
Boron	11-1	12973	11405	11605	11994	7.12	cps
Cadmium	111-1	1209	1271	1305	1261	3.85	cps
Cadmium	106-1	1692	1742	1809	1747	3.35	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	1158	1467	1308	1311	11.76	cps
Calcium	44-1	26960	27144	27661	27255	1.33	cps
Chromium	52-2	550	507	523	527	4.15	cps
Cobalt	59-2	60	63	70	64	7.90	cps
Copper	63-2	577	673	660	637	8.23	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	42	17	36	48.03	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	58	92	75	75	22.22	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	11201290	11048070	10847609	11032323	1.61	cps
Holmium	165-2	2478528	2523776	2544817	2515707	1.35	cps
Indium	115-1	9171518	9193390	9060540	9141816	0.78	cps
Indium	115-2	437759	449059	445411	444076	1.30	cps
Iron	56-2	3223	3245	3451	3306	3.80	cps
Iron	57-2	94	111	139	115	19.55	cps
Lead	206-1	48298	47395	46681	47458	1.71	cps
Lead	207-1	38671	38431	38665	38589	0.35	cps
Lead	208-1	183080	180431	178681	180731	1.23	cps
Lithium	6-1	1528556	1510841	1493151	1510849	1.17	cps
Magnesium	24-2	1175	1017	958	1050	10.68	cps
Manganese	55-2	73	63	120	86	35.36	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-03	Instrumnet Name :	P8
Client Sample ID :	MBDYZ4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:09:17	DataFile Name :	027SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	217	275	258	14.06	cps
Molybdenum	95-1	83	125	108	106	19.87	cps
Molybdenum	96-1	92	150	142	128	24.69	cps
Molybdenum	97-1	158	133	100	131	22.41	cps
Molybdenum	98-1	125	125	183	144	23.31	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	707	697	700	701	0.73	cps
Phosphorus	31-2	17	0	25	14	91.65	cps
Potassium	39-2	3242	3075	3309	3209	3.75	cps
Rhodium	103-1	8465841	8372313	8295580	8377911	1.02	cps
Rhodium	103-2	2323671	2390269	2357962	2357301	1.41	cps
Scandium	45-1	5017810	4960406	4929671	4969296	0.90	cps
Scandium	45-2	44460	45677	45901	45346	1.71	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	9	4	4	6	57.80	cps
Selenium	82-1	-67	-112	-107	-95	-25.52	cps
Silicon	28-1	344259	344789	345214	344754	0.14	cps
Silver	109-1	9604	9546	8511	9220	6.67	cps
Silver	107-1	10513	10013	9662	10063	4.25	cps
Sodium	23-2	32647	32797	35153	33532	4.19	cps
Strontium	86-1	583	658	583	608	7.12	cps
Strontium	88-1	817	783	733	778	5.39	cps
Sulfur	34-1	364612	365517	368921	366350	0.62	cps
Terbium	159-1	11551737	11460815	11454398	11488983	0.47	cps
Terbium	159-2	2389635	2461060	2447746	2432814	1.56	cps
Thallium	203-1	383	392	433	403	6.65	cps
Thallium	205-1	958	892	958	936	4.11	cps
Tin	118-1	6619	6293	5843	6252	6.23	cps
Titanium	47-1	250	183	342	258	30.77	cps
Uranium	238-1	75	8	100	61	77.54	cps
Vanadium	51-2	47	70	97	71	35.18	cps
Yttrium	89-1	9537780	9404100	9344918	9428933	1.05	cps
Yttrium	89-2	322593	334797	332019	329803	1.94	cps
Zinc	66-2	193	200	213	202	5.04	cps
Zirconium	90-1	558	533	642	578	9.82	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-03	Instrumnet Name :	P8
Client Sample ID :	MBDYZ4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:09:17	DataFile Name :	027SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	125	100	125	20.00	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6803-04 Instrumnet Name : P8
 Client Sample ID : MBDYW1 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 16:12:26 DataFile Name : 028SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1392	1117	1400	1303	12.38	cps
Antimony	121-1	2067	2150	2042	2086	2.72	cps
Arsenic	75-2	228	204	243	225	8.74	cps
Barium	135-1	81434	78717	78239	79463	2.17	cps
Barium	137-1	139521	136643	136070	137411	1.35	cps
Beryllium	9-1	167	217	189	191	13.13	cps
Bismuth	209-1	7125080	7131759	7073374	7110071	0.45	cps
Bismuth	209-2	1946547	1944453	1911321	1934107	1.02	cps
Boron	10-1	15409	14883	15409	15234	1.99	cps
Boron	11-1	68271	70574	69084	69310	1.68	cps
Cadmium	111-1	1279	1203	1184	1222	4.13	cps
Cadmium	106-1	1725	1642	1609	1659	3.62	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Calcium	43-1	1998606	1986270	1993094	1992657	0.31	cps
Calcium	44-1	32339422	31949311	32060014	32116249	0.63	cps
Chromium	52-2	5068	5298	5505	5290	4.13	cps
Cobalt	59-2	2067	2007	1994	2022	1.93	cps
Copper	63-2	6382	6375	6425	6394	0.42	cps
Dysprosium	156-1	1183	1108	1175	1156	3.56	cps
Dysprosium	156-2	250	253	247	250	1.33	cps
Erbium	164-1	825	800	892	839	5.65	cps
Erbium	164-2	173	157	167	166	5.07	cps
Gadolinium	160-1	1192	983	1367	1181	16.26	cps
Gadolinium	160-2	287	303	287	292	3.29	cps
Holmium	165-1	11088780	11070207	11069045	11076010	0.10	cps
Holmium	165-2	2542543	2510937	2480134	2511205	1.24	cps
Indium	115-1	9006088	9085261	8951079	9014142	0.75	cps
Indium	115-2	440939	437521	436406	438289	0.54	cps
Iron	56-2	1479365	1480014	1448745	1469375	1.22	cps
Iron	57-2	36320	35479	36220	36006	1.28	cps
Lead	206-1	5412	5607	5440	5487	1.92	cps
Lead	207-1	4595	4295	4445	4445	3.38	cps
Lead	208-1	21914	20802	20891	21202	2.91	cps
Lithium	6-1	1459543	1479709	1475197	1471483	0.72	cps
Magnesium	24-2	905601	891713	892847	896720	0.86	cps
Manganese	55-2	154166	154894	153768	154276	0.37	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-04	Instrumnet Name :	P8
Client Sample ID :	MBDYW1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:12:26	DataFile Name :	028SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4118	4476	4643	4412	6.08	cps
Molybdenum	95-1	5068	4718	5118	4968	4.39	cps
Molybdenum	96-1	5710	5685	5460	5618	2.45	cps
Molybdenum	97-1	3192	2917	3201	3103	5.20	cps
Molybdenum	98-1	8978	7736	8094	8270	7.73	cps
Neodymium	150-1	1594	1820	1900	1771	8.98	cps
Neodymium	150-2	290	267	313	290	8.04	cps
Nickel	60-2	3447	3284	3507	3413	3.39	cps
Phosphorus	31-2	17	8	50	25	88.19	cps
Potassium	39-2	36423	35345	37342	36370	2.75	cps
Rhodium	103-1	8144529	8164793	8016572	8108631	0.99	cps
Rhodium	103-2	2326746	2313502	2297546	2312598	0.63	cps
Scandium	45-1	4970551	4994984	4940795	4968777	0.55	cps
Scandium	45-2	44400	44490	44561	44484	0.18	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	6	2	4	49.54	cps
Selenium	82-1	-83	-85	-172	-113	-44.87	cps
Silicon	28-1	22424228	22294214	22111849	22276764	0.70	cps
Silver	109-1	9888	9554	9612	9685	1.84	cps
Silver	107-1	9787	9270	10196	9751	4.76	cps
Sodium	23-2	2624102	2608581	2615722	2616135	0.30	cps
Strontium	86-1	797603	793445	782772	791273	0.97	cps
Strontium	88-1	6928979	6885579	6823783	6879447	0.77	cps
Sulfur	34-1	743733	742272	739791	741932	0.27	cps
Terbium	159-1	11599804	11666342	11479352	11581833	0.82	cps
Terbium	159-2	2489716	2446384	2446067	2460723	1.02	cps
Thallium	203-1	242	350	300	297	18.24	cps
Thallium	205-1	683	642	650	658	3.35	cps
Tin	118-1	2034	1817	1792	1881	7.07	cps
Titanium	47-1	6560	6552	6786	6633	2.00	cps
Uranium	238-1	31299	32151	30931	31460	1.99	cps
Vanadium	51-2	600	523	540	554	7.27	cps
Yttrium	89-1	9535047	9449713	9445035	9476598	0.53	cps
Yttrium	89-2	330259	326604	326295	327719	0.67	cps
Zinc	66-2	1440	1383	1340	1388	3.61	cps
Zirconium	90-1	3467	3342	3217	3342	3.74	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-04	Instrumnet Name :	P8
Client Sample ID :	MBDYW1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:12:26	DataFile Name :	028SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	808	692	775	758	7.92	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-05	Instrumnet Name :	P8
Client Sample ID :	MBDYW2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:15:32	DataFile Name :	029SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	350	358	353	1.37	cps
Antimony	121-1	2942	2875	2859	2892	1.53	cps
Arsenic	75-2	17	26	24	22	22.04	cps
Barium	135-1	67113	66752	67054	66973	0.29	cps
Barium	137-1	117150	118176	119041	118122	0.80	cps
Beryllium	9-1	128	206	206	180	25.00	cps
Bismuth	209-1	7191039	7200106	7108934	7166693	0.70	cps
Bismuth	209-2	1985694	1986278	1945782	1972585	1.18	cps
Boron	10-1	26959	27218	27861	27346	1.70	cps
Boron	11-1	123680	125755	128554	125996	1.94	cps
Cadmium	111-1	1476	1351	1419	1415	4.42	cps
Cadmium	106-1	1909	1767	1875	1850	4.00	cps
Cadmium	108-1	8	33	21	21	60.01	cps
Calcium	43-1	1891850	1871237	1851945	1871677	1.07	cps
Calcium	44-1	30176978	30065140	30053091	30098403	0.23	cps
Chromium	52-2	5831	5344	5368	5515	4.98	cps
Cobalt	59-2	46377	45909	45748	46011	0.71	cps
Copper	63-2	8203	8326	8319	8283	0.84	cps
Dysprosium	156-1	275	367	267	303	18.33	cps
Dysprosium	156-2	77	63	70	70	9.53	cps
Erbium	164-1	433	275	358	356	22.28	cps
Erbium	164-2	33	57	83	58	43.31	cps
Gadolinium	160-1	283	342	300	308	9.74	cps
Gadolinium	160-2	47	87	90	74	32.39	cps
Holmium	165-1	11511871	11285621	11270413	11355968	1.19	cps
Holmium	165-2	2602523	2569245	2516978	2562915	1.68	cps
Indium	115-1	9190523	9205410	9081141	9159025	0.74	cps
Indium	115-2	448451	444972	441697	445040	0.76	cps
Iron	56-2	262571	261290	259003	260955	0.69	cps
Iron	57-2	7013	6668	6785	6822	2.57	cps
Lead	206-1	1483	1439	1317	1413	6.11	cps
Lead	207-1	1161	1300	1133	1198	7.45	cps
Lead	208-1	5929	5934	5406	5756	5.27	cps
Lithium	6-1	1501924	1503137	1476705	1493922	1.00	cps
Magnesium	24-2	934928	913228	918172	922109	1.23	cps
Manganese	55-2	9210	9270	8926	9135	2.01	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-05	Instrumnet Name :	P8
Client Sample ID :	MBDYW2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:15:32	DataFile Name :	029SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14041	14467	14066	14191	1.68	cps
Molybdenum	95-1	24314	23763	23972	24017	1.16	cps
Molybdenum	96-1	25132	25408	24289	24943	2.34	cps
Molybdenum	97-1	15585	14992	14901	15159	2.45	cps
Molybdenum	98-1	38581	38481	38682	38581	0.26	cps
Neodymium	150-1	240	367	293	300	21.20	cps
Neodymium	150-2	53	27	27	36	43.29	cps
Nickel	60-2	4497	4394	4427	4440	1.19	cps
Phosphorus	31-2	25	17	8	17	50.01	cps
Potassium	39-2	60615	57694	57711	58673	2.87	cps
Rhodium	103-1	8274784	8321015	8195481	8263760	0.77	cps
Rhodium	103-2	2349157	2344794	2316733	2336895	0.75	cps
Scandium	45-1	5138810	5036775	4992909	5056165	1.48	cps
Scandium	45-2	46497	44948	44490	45312	2.32	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	7	6	6	33.38	cps
Selenium	82-1	-74	-122	-136	-111	-29.51	cps
Silicon	28-1	22336122	22131148	21917352	22128207	0.95	cps
Silver	109-1	12139	12239	11697	12025	2.40	cps
Silver	107-1	13299	12807	12014	12707	5.10	cps
Sodium	23-2	2835201	2834966	2847752	2839306	0.26	cps
Strontium	86-1	690221	691389	678688	686766	1.02	cps
Strontium	88-1	6095632	5952833	6017298	6021921	1.19	cps
Sulfur	34-1	591164	589239	587593	589332	0.30	cps
Terbium	159-1	11947644	11873844	11805924	11875804	0.60	cps
Terbium	159-2	2499477	2524536	2431274	2485096	1.94	cps
Thallium	203-1	308	242	308	286	13.45	cps
Thallium	205-1	725	675	608	670	8.74	cps
Tin	118-1	1567	1317	1267	1383	11.62	cps
Titanium	47-1	1709	1258	1567	1511	15.23	cps
Uranium	238-1	65967	63521	63412	64300	2.25	cps
Vanadium	51-2	503	463	433	467	7.53	cps
Yttrium	89-1	9678971	9625710	9536468	9613716	0.75	cps
Yttrium	89-2	334769	331331	331633	332578	0.57	cps
Zinc	66-2	1337	1420	1363	1373	3.10	cps
Zirconium	90-1	1784	1308	1433	1509	16.33	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-05	Instrumnet Name :	P8
Client Sample ID :	MBDYW2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:15:32	DataFile Name :	029SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	275	258	289	13.63	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-06	Instrumnet Name :	P8
Client Sample ID :	MBDYW9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:18:38	DataFile Name :	030SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1684	1642	1659	1661	1.26	cps
Antimony	121-1	1634	1617	1500	1584	4.59	cps
Arsenic	75-2	89	67	78	78	14.28	cps
Barium	135-1	83489	83663	82231	83128	0.94	cps
Barium	137-1	146723	144339	142056	144372	1.62	cps
Beryllium	9-1	211	222	156	196	18.20	cps
Bismuth	209-1	7262748	7168672	7118612	7183344	1.02	cps
Bismuth	209-2	1912221	1896613	1862092	1890308	1.36	cps
Boron	10-1	80953	83358	84724	83012	2.30	cps
Boron	11-1	381315	387874	389890	386360	1.16	cps
Cadmium	111-1	1336	1373	1386	1365	1.91	cps
Cadmium	106-1	1767	1784	1825	1792	1.68	cps
Cadmium	108-1	25	25	29	26	9.12	cps
Calcium	43-1	1656675	1656310	1638108	1650364	0.64	cps
Calcium	44-1	26400705	26368473	26130051	26299743	0.56	cps
Chromium	52-2	2120	2120	2107	2116	0.36	cps
Cobalt	59-2	2070	2057	1907	2011	4.51	cps
Copper	63-2	4167	4304	4101	4191	2.47	cps
Dysprosium	156-1	1992	2092	2142	2075	3.68	cps
Dysprosium	156-2	633	547	477	552	14.21	cps
Erbium	164-1	1934	2184	1884	2000	8.04	cps
Erbium	164-2	460	393	420	424	7.91	cps
Gadolinium	160-1	2617	2275	2534	2475	7.20	cps
Gadolinium	160-2	557	653	570	593	8.83	cps
Holmium	165-1	11456396	11305710	11166181	11309429	1.28	cps
Holmium	165-2	2516198	2481917	2439234	2479116	1.56	cps
Indium	115-1	9180820	9053620	9001195	9078545	1.02	cps
Indium	115-2	434146	428008	425662	429272	1.02	cps
Iron	56-2	240269	234393	232523	235729	1.71	cps
Iron	57-2	5979	6096	5712	5929	3.32	cps
Lead	206-1	3117	3123	2823	3021	5.68	cps
Lead	207-1	2334	2484	2439	2419	3.19	cps
Lead	208-1	11791	11536	11386	11571	1.77	cps
Lithium	6-1	1480683	1470559	1421422	1457555	2.17	cps
Magnesium	24-2	998986	979466	962682	980378	1.85	cps
Manganese	55-2	143848	141407	138976	141410	1.72	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-06	Instrumnet Name :	P8
Client Sample ID :	MBDYW9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:18:38	DataFile Name :	030SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3392	3117	3009	3173	6.23	cps
Molybdenum	95-1	4034	4218	4117	4123	2.23	cps
Molybdenum	96-1	4834	4468	4984	4762	5.58	cps
Molybdenum	97-1	2800	2742	2575	2706	4.32	cps
Molybdenum	98-1	7077	7044	6452	6858	5.13	cps
Neodymium	150-1	3114	3060	2840	3005	4.82	cps
Neodymium	150-2	393	420	410	408	3.30	cps
Nickel	60-2	3334	3357	3177	3289	2.98	cps
Phosphorus	31-2	42	58	25	42	40.00	cps
Potassium	39-2	46687	45374	45123	45728	1.84	cps
Rhodium	103-1	8261612	8101765	8124808	8162728	1.06	cps
Rhodium	103-2	2282474	2215246	2205705	2234475	1.87	cps
Scandium	45-1	5073174	5020744	4917790	5003903	1.58	cps
Scandium	45-2	44066	44698	42253	43672	2.91	cps
Selenium	77-2	3	10	10	8	49.52	cps
Selenium	78-2	0	0	9	3	173.21	cps
Selenium	82-1	-52	-140	6	-62	-118.71	cps
Silicon	28-1	43952041	43054507	43174645	43393731	1.12	cps
Silver	109-1	9988	9045	10004	9679	5.67	cps
Silver	107-1	10788	9929	10238	10318	4.22	cps
Sodium	23-2	10033755	9864979	9638705	9845813	2.01	cps
Strontium	86-1	448097	441166	433884	441049	1.61	cps
Strontium	88-1	3901499	3845391	3810766	3852552	1.19	cps
Sulfur	34-1	578227	578705	579194	578708	0.08	cps
Terbium	159-1	12011582	11906039	11558812	11825478	2.00	cps
Terbium	159-2	2480241	2421141	2388712	2430031	1.91	cps
Thallium	203-1	317	433	242	331	29.22	cps
Thallium	205-1	825	783	933	847	9.14	cps
Tin	118-1	1508	1450	1450	1470	2.29	cps
Titanium	47-1	8204	5985	6485	6891	16.89	cps
Uranium	238-1	34323	32761	34749	33945	3.08	cps
Vanadium	51-2	4237	4244	4091	4191	2.07	cps
Yttrium	89-1	9754416	9515102	9487865	9585795	1.53	cps
Yttrium	89-2	324748	319835	319422	321335	0.92	cps
Zinc	66-2	923	923	937	928	0.83	cps
Zirconium	90-1	1959	1934	2250	2048	8.60	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-06	Instrumnet Name :	P8
Client Sample ID :	MBDYW9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:18:38	DataFile Name :	030SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	475	542	461	19.15	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6803-07 Instrumnet Name : P8
 Client Sample ID : MBDYZ5 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 16:21:46 DataFile Name : 031SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	33	31	15.75	cps
Antimony	121-1	275	342	333	317	11.47	cps
Arsenic	75-2	11	2	2	5	108.30	cps
Barium	135-1	333	433	483	417	18.33	cps
Barium	137-1	767	667	733	722	7.05	cps
Beryllium	9-1	144	189	94	143	33.14	cps
Bismuth	209-1	6872887	6843606	6698235	6804909	1.37	cps
Bismuth	209-2	1909506	1899874	1904023	1904467	0.25	cps
Boron	10-1	3901	3634	3259	3598	8.96	cps
Boron	11-1	18412	17228	15876	17172	7.39	cps
Cadmium	111-1	1172	1188	1225	1195	2.25	cps
Cadmium	106-1	1675	1659	1742	1692	2.61	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	1842	1625	1959	1809	9.35	cps
Calcium	44-1	35730	34443	34552	34908	2.04	cps
Chromium	52-2	393	293	373	353	14.98	cps
Cobalt	59-2	97	93	100	97	3.44	cps
Copper	63-2	383	413	383	393	4.40	cps
Dysprosium	156-1	42	17	8	22	78.07	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	58	58	100	72	33.30	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	10534915	10504963	10392641	10477506	0.72	cps
Holmium	165-2	2388572	2399225	2381394	2389730	0.38	cps
Indium	115-1	8727573	8615464	8456939	8599992	1.58	cps
Indium	115-2	422499	422541	424773	423271	0.31	cps
Iron	56-2	6585	6291	6518	6465	2.39	cps
Iron	57-2	244	239	172	219	18.39	cps
Lead	206-1	394	422	456	424	7.22	cps
Lead	207-1	317	417	350	361	14.10	cps
Lead	208-1	1572	1667	1756	1665	5.51	cps
Lithium	6-1	1388756	1384438	1372637	1381944	0.60	cps
Magnesium	24-2	858	892	1292	1014	23.78	cps
Manganese	55-2	193	200	263	219	17.65	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-07	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:21:46	DataFile Name :	031SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	175	175	172	2.80	cps
Molybdenum	95-1	58	25	83	56	52.68	cps
Molybdenum	96-1	92	142	92	108	26.65	cps
Molybdenum	97-1	75	50	67	64	19.92	cps
Molybdenum	98-1	92	42	83	72	37.09	cps
Neodymium	150-1	27	27	20	24	15.75	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	280	267	327	291	10.82	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2992	2909	2942	2948	1.42	cps
Rhodium	103-1	7957398	7950933	7789404	7899245	1.20	cps
Rhodium	103-2	2273783	2242485	2236721	2250996	0.89	cps
Scandium	45-1	4687084	4691889	4653373	4677449	0.45	cps
Scandium	45-2	43026	42638	41665	42443	1.65	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-82	-102	-37	-74	-45.60	cps
Silicon	28-1	360882	362327	357146	360118	0.74	cps
Silver	109-1	575	658	675	636	8.42	cps
Silver	107-1	758	625	658	681	10.20	cps
Sodium	23-2	27335	27653	27544	27511	0.59	cps
Strontium	86-1	1000	1042	1083	1042	4.00	cps
Strontium	88-1	4651	4834	4784	4757	1.99	cps
Sulfur	34-1	380766	380965	378560	380097	0.35	cps
Terbium	159-1	10911133	10878500	10919645	10903092	0.20	cps
Terbium	159-2	2338049	2321716	2336093	2331953	0.38	cps
Thallium	203-1	125	208	192	175	25.20	cps
Thallium	205-1	458	392	417	422	7.98	cps
Tin	118-1	633	767	683	694	9.70	cps
Titanium	47-1	125	267	300	231	40.30	cps
Uranium	238-1	8	50	75	44	75.78	cps
Vanadium	51-2	27	7	3	12	103.26	cps
Yttrium	89-1	9052146	8944706	8845744	8947532	1.15	cps
Yttrium	89-2	314012	314242	312030	313428	0.39	cps
Zinc	66-2	1023	1220	1140	1128	8.77	cps
Zirconium	90-1	458	483	442	461	4.55	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-07	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:21:46	DataFile Name :	031SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	142	100	131	20.52	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-08	Instrumnet Name :	P8
Client Sample ID :	MBDYT4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:24:54	DataFile Name :	032SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	67	58	53	32.88	cps
Antimony	121-1	1217	1250	1175	1214	3.10	cps
Arsenic	75-2	11	22	15	16	35.26	cps
Barium	135-1	45579	44901	45421	45300	0.78	cps
Barium	137-1	78097	79741	79289	79043	1.07	cps
Beryllium	9-1	106	139	144	130	16.22	cps
Bismuth	209-1	7157054	7164521	7132442	7151339	0.23	cps
Bismuth	209-2	1743419	1861640	1925735	1843598	5.02	cps
Boron	10-1	49436	49060	49971	49489	0.93	cps
Boron	11-1	228786	233528	233190	231835	1.14	cps
Cadmium	111-1	1206	1325	1431	1321	8.53	cps
Cadmium	106-1	1483	1634	1817	1645	10.15	cps
Cadmium	108-1	17	21	17	18	13.30	cps
Calcium	43-1	1646338	1621668	1597205	1621737	1.51	cps
Calcium	44-1	26481675	26158488	25802304	26147489	1.30	cps
Chromium	52-2	3761	4068	3597	3809	6.27	cps
Cobalt	59-2	1263	1417	1400	1360	6.19	cps
Copper	63-2	2604	2557	2457	2539	2.95	cps
Dysprosium	156-1	200	192	242	211	12.69	cps
Dysprosium	156-2	50	53	33	46	23.52	cps
Erbium	164-1	275	283	233	264	10.15	cps
Erbium	164-2	53	37	30	40	30.04	cps
Gadolinium	160-1	183	400	242	275	40.78	cps
Gadolinium	160-2	60	77	60	66	14.68	cps
Holmium	165-1	11027283	11015573	10845661	10962839	0.93	cps
Holmium	165-2	2226029	2352850	2410995	2329958	4.06	cps
Indium	115-1	8831979	8807687	8786129	8808598	0.26	cps
Indium	115-2	383093	407962	413133	401396	4.00	cps
Iron	56-2	171526	173122	168966	171205	1.22	cps
Iron	57-2	4434	4040	4145	4206	4.86	cps
Lead	206-1	1378	1272	1228	1293	5.96	cps
Lead	207-1	1033	1156	1039	1076	6.42	cps
Lead	208-1	4917	4784	4717	4806	2.12	cps
Lithium	6-1	1431703	1433651	1407310	1424222	1.03	cps
Magnesium	24-2	600856	604260	592101	599073	1.05	cps
Manganese	55-2	435891	435214	428456	433187	0.95	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-08	Instrumnet Name :	P8
Client Sample ID :	MBDYT4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:24:54	DataFile Name :	032SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1308	1158	1250	1239	6.10	cps
Molybdenum	95-1	1559	1767	1709	1678	6.41	cps
Molybdenum	96-1	1634	1917	2009	1853	10.55	cps
Molybdenum	97-1	1083	1175	933	1064	11.47	cps
Molybdenum	98-1	2767	2584	2692	2681	3.44	cps
Neodymium	150-1	220	133	207	187	25.00	cps
Neodymium	150-2	20	30	23	24	20.83	cps
Nickel	60-2	3174	3150	3130	3152	0.69	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	28472	28204	29440	28705	2.26	cps
Rhodium	103-1	7876029	7918416	7820709	7871718	0.62	cps
Rhodium	103-2	2048438	2161584	2183596	2131206	3.40	cps
Scandium	45-1	4751513	4725864	4708030	4728469	0.46	cps
Scandium	45-2	37498	40017	40341	39286	3.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	7	2	4	65.54	cps
Selenium	82-1	-95	-96	2	-63	-89.13	cps
Silicon	28-1	37874757	37496810	37045809	37472459	1.11	cps
Silver	109-1	8153	7978	8320	8150	2.10	cps
Silver	107-1	8712	8862	8528	8700	1.92	cps
Sodium	23-2	1096540	1092916	1074495	1087984	1.09	cps
Strontium	86-1	450200	446393	444319	446971	0.67	cps
Strontium	88-1	3949843	3891552	3939449	3926948	0.79	cps
Sulfur	34-1	534870	533810	533724	534135	0.12	cps
Terbium	159-1	11441016	11420547	11334561	11398708	0.50	cps
Terbium	159-2	2164950	2308557	2328176	2267228	3.93	cps
Thallium	203-1	333	208	350	297	26.05	cps
Thallium	205-1	800	733	667	733	9.09	cps
Tin	118-1	1842	1909	1634	1795	7.99	cps
Titanium	47-1	675	833	600	703	16.95	cps
Uranium	238-1	9412	9379	9287	9359	0.69	cps
Vanadium	51-2	1170	1153	987	1103	9.19	cps
Yttrium	89-1	9052669	9150023	9123022	9108571	0.55	cps
Yttrium	89-2	281541	297146	305553	294747	4.13	cps
Zinc	66-2	473	357	417	416	14.04	cps
Zirconium	90-1	1092	908	833	945	14.07	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-08	Instrumnet Name :	P8
Client Sample ID :	MBDYT4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:24:54	DataFile Name :	032SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	258	217	219	17.12	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-09	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:28:00	DataFile Name :	033SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1809	1667	1725	1734	4.11	cps
Antimony	121-1	1242	1033	1325	1200	12.52	cps
Arsenic	75-2	50	50	46	49	4.38	cps
Barium	135-1	63076	62322	62700	62699	0.60	cps
Barium	137-1	110206	109525	109662	109798	0.33	cps
Beryllium	9-1	178	172	150	167	8.82	cps
Bismuth	209-1	7009849	6881953	6896088	6929297	1.01	cps
Bismuth	209-2	1865615	1857333	1892300	1871749	0.98	cps
Boron	10-1	200971	203657	211172	205267	2.58	cps
Boron	11-1	923722	956960	978387	953023	2.89	cps
Cadmium	111-1	1975	1885	1808	1889	4.44	cps
Cadmium	106-1	1767	1767	1558	1697	7.09	cps
Cadmium	108-1	58	50	42	50	16.66	cps
Calcium	43-1	2007193	1971490	1975170	1984618	0.99	cps
Calcium	44-1	32235302	31889550	32053812	32059555	0.54	cps
Chromium	52-2	1860	1737	1703	1767	4.67	cps
Cobalt	59-2	2690	2720	2560	2657	3.20	cps
Copper	63-2	8089	8086	8056	8077	0.23	cps
Dysprosium	156-1	1567	1517	1767	1617	8.18	cps
Dysprosium	156-2	373	320	350	348	7.69	cps
Erbium	164-1	1625	1358	1458	1481	9.10	cps
Erbium	164-2	320	330	300	317	4.82	cps
Gadolinium	160-1	1642	1667	1375	1561	10.36	cps
Gadolinium	160-2	477	483	473	478	1.07	cps
Holmium	165-1	11074313	10837050	10930114	10947159	1.09	cps
Holmium	165-2	2392293	2419686	2407829	2406603	0.57	cps
Indium	115-1	8811868	8651455	8685527	8716283	0.97	cps
Indium	115-2	408961	406841	408707	408169	0.28	cps
Iron	56-2	295862	288646	290393	291634	1.29	cps
Iron	57-2	7914	7497	7619	7676	2.79	cps
Lead	206-1	5207	4812	5068	5029	3.98	cps
Lead	207-1	4190	4067	4329	4195	3.11	cps
Lead	208-1	19923	19351	19812	19695	1.54	cps
Lithium	6-1	1411423	1399383	1407735	1406180	0.44	cps
Magnesium	24-2	1161390	1148905	1136665	1148987	1.08	cps
Manganese	55-2	1436671	1411715	1415456	1421281	0.95	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-09	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:28:00	DataFile Name :	033SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4218	4293	4393	4301	2.04	cps
Molybdenum	95-1	4843	5243	5310	5132	4.92	cps
Molybdenum	96-1	5218	5910	5643	5590	6.24	cps
Molybdenum	97-1	3317	3075	3084	3159	4.34	cps
Molybdenum	98-1	8003	8220	7969	8064	1.68	cps
Neodymium	150-1	2174	2040	1914	2042	6.37	cps
Neodymium	150-2	240	320	240	267	17.32	cps
Nickel	60-2	2010	1997	1924	1977	2.36	cps
Phosphorus	31-2	25	8	42	25	66.68	cps
Potassium	39-2	31770	32305	32046	32040	0.83	cps
Rhodium	103-1	7788934	7688271	7832982	7770063	0.95	cps
Rhodium	103-2	2164432	2196462	2186497	2182464	0.75	cps
Scandium	45-1	4758266	4601921	4712385	4690857	1.71	cps
Scandium	45-2	40335	39920	40234	40163	0.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	2	4	5	78.12	cps
Selenium	82-1	-57	-88	-42	-62	-37.58	cps
Silicon	28-1	43537772	43113888	43221778	43291146	0.51	cps
Silver	109-1	9345	9020	9020	9128	2.06	cps
Silver	107-1	8536	8895	9128	8853	3.37	cps
Sodium	23-2	2734431	2686492	2666749	2695891	1.29	cps
Strontium	86-1	468155	463824	461026	464335	0.77	cps
Strontium	88-1	4083628	4089495	4089743	4087622	0.08	cps
Sulfur	34-1	649301	649211	651270	649927	0.18	cps
Terbium	159-1	11539836	11357026	11399136	11431999	0.84	cps
Terbium	159-2	2346556	2343046	2360264	2349955	0.39	cps
Thallium	203-1	350	342	308	333	6.61	cps
Thallium	205-1	583	833	700	706	17.73	cps
Tin	118-1	1967	1642	1642	1750	10.72	cps
Titanium	47-1	9328	8945	9479	9251	2.98	cps
Uranium	238-1	32820	33087	32418	32775	1.03	cps
Vanadium	51-2	3561	3707	3611	3626	2.06	cps
Yttrium	89-1	9125035	8950707	9000622	9025455	0.99	cps
Yttrium	89-2	301705	302054	303943	302567	0.40	cps
Zinc	66-2	620	627	643	630	1.91	cps
Zirconium	90-1	3776	4034	3492	3767	7.19	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-09	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:28:00	DataFile Name :	033SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	933	1017	842	931	9.41	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-10	Instrumnet Name :	P8
Client Sample ID :	MBDYT8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:31:05	DataFile Name :	034SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	742	633	633	669	9.34	cps
Antimony	121-1	1067	1092	1083	1081	1.18	cps
Arsenic	75-2	26	20	17	21	22.21	cps
Barium	135-1	31463	30419	29809	30564	2.74	cps
Barium	137-1	53785	54053	51777	53205	2.34	cps
Beryllium	9-1	189	128	228	181	27.78	cps
Bismuth	209-1	7054864	7101891	6971302	7042686	0.94	cps
Bismuth	209-2	1858425	1849736	1875610	1861257	0.71	cps
Boron	10-1	62102	63533	62328	62654	1.23	cps
Boron	11-1	287974	286146	291084	288401	0.87	cps
Cadmium	111-1	1236	1356	1409	1333	6.64	cps
Cadmium	106-1	1634	1717	1834	1728	5.82	cps
Cadmium	108-1	17	13	29	19	44.61	cps
Calcium	43-1	1893504	1891177	1886186	1890289	0.20	cps
Calcium	44-1	30710931	30540686	30329498	30527038	0.63	cps
Chromium	52-2	1640	1523	1540	1568	4.02	cps
Cobalt	59-2	2874	2714	2760	2783	2.96	cps
Copper	63-2	3410	3434	3180	3342	4.19	cps
Dysprosium	156-1	467	458	517	481	6.56	cps
Dysprosium	156-2	87	130	107	108	20.12	cps
Erbium	164-1	600	508	567	558	8.31	cps
Erbium	164-2	80	90	153	108	36.90	cps
Gadolinium	160-1	450	483	433	456	5.59	cps
Gadolinium	160-2	107	130	113	117	10.30	cps
Holmium	165-1	11057688	11095963	10994985	11049546	0.46	cps
Holmium	165-2	2435577	2393385	2447347	2425436	1.17	cps
Indium	115-1	8806749	8804536	8717229	8776172	0.58	cps
Indium	115-2	414268	405825	412174	410756	1.07	cps
Iron	56-2	163205	157613	158469	159762	1.89	cps
Iron	57-2	3940	4162	3895	3999	3.57	cps
Lead	206-1	1984	1889	2045	1972	3.97	cps
Lead	207-1	1606	1617	1545	1589	2.45	cps
Lead	208-1	7723	7457	7473	7551	1.98	cps
Lithium	6-1	1415848	1409268	1397008	1407375	0.68	cps
Magnesium	24-2	1030466	1024113	1014023	1022867	0.81	cps
Manganese	55-2	4641	4968	4958	4855	3.83	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-10	Instrumnet Name :	P8
Client Sample ID :	MBDYT8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:31:05	DataFile Name :	034SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1325	1183	1150	1220	7.62	cps
Molybdenum	95-1	1092	1083	1175	1117	4.54	cps
Molybdenum	96-1	1375	1450	1225	1350	8.49	cps
Molybdenum	97-1	883	767	817	822	7.12	cps
Molybdenum	98-1	1850	1750	1900	1834	4.17	cps
Neodymium	150-1	713	580	733	676	12.34	cps
Neodymium	150-2	87	97	67	83	18.33	cps
Nickel	60-2	980	1027	1050	1019	3.50	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	26451	25908	25975	26111	1.13	cps
Rhodium	103-1	7815748	7841099	7837234	7831360	0.17	cps
Rhodium	103-2	2201937	2174748	2157914	2178199	1.02	cps
Scandium	45-1	4696941	4717232	4746742	4720305	0.53	cps
Scandium	45-2	41531	40211	40294	40679	1.82	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	21	-3	-102	-28	-234.16	cps
Silicon	28-1	33358854	33012489	32942842	33104729	0.67	cps
Silver	109-1	8578	7569	8411	8186	6.61	cps
Silver	107-1	8278	8503	8528	8436	1.63	cps
Sodium	23-2	2493757	2460823	2483572	2479384	0.68	cps
Strontium	86-1	460020	455693	455768	457160	0.54	cps
Strontium	88-1	4043742	3993988	4014467	4017399	0.62	cps
Sulfur	34-1	787888	784928	788331	787049	0.24	cps
Terbium	159-1	11443813	11493426	11433930	11457056	0.28	cps
Terbium	159-2	2343400	2337333	2337956	2339563	0.14	cps
Thallium	203-1	492	400	550	481	15.74	cps
Thallium	205-1	1192	1192	1025	1136	8.47	cps
Tin	118-1	1283	1017	1142	1147	11.63	cps
Titanium	47-1	4843	5043	4984	4957	2.08	cps
Uranium	238-1	23916	23331	23264	23504	1.53	cps
Vanadium	51-2	1703	1710	1853	1756	4.83	cps
Yttrium	89-1	9176323	9153793	9169583	9166566	0.13	cps
Yttrium	89-2	306372	300653	303027	303351	0.95	cps
Zinc	66-2	577	567	507	550	6.88	cps
Zirconium	90-1	1492	1675	1609	1592	5.83	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-10	Instrumnet Name :	P8
Client Sample ID :	MBDYT8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:31:05	DataFile Name :	034SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	358	333	361	8.10	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-11	Instrumnet Name :	P8
Client Sample ID :	MBDYT8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:34:12	DataFile Name :	035SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917	875	833	875	4.76	cps
Antimony	121-1	1333	1358	1425	1372	3.45	cps
Arsenic	75-2	22	22	31	25	21.13	cps
Barium	135-1	31054	31071	31614	31246	1.02	cps
Barium	137-1	54430	54036	54832	54432	0.73	cps
Beryllium	9-1	83	111	139	111	25.00	cps
Bismuth	209-1	7203022	7251200	7145518	7199913	0.73	cps
Bismuth	209-2	1928320	1926687	1920311	1925106	0.22	cps
Boron	10-1	61650	63139	63776	62855	1.74	cps
Boron	11-1	285811	287258	291652	288240	1.06	cps
Cadmium	111-1	1283	1258	1387	1310	5.23	cps
Cadmium	106-1	1767	1675	1875	1772	5.65	cps
Cadmium	108-1	17	21	13	17	24.99	cps
Calcium	43-1	1986581	1956365	1957130	1966692	0.88	cps
Calcium	44-1	31667490	31577689	31629563	31624914	0.14	cps
Chromium	52-2	1927	1800	1840	1856	3.49	cps
Cobalt	59-2	2944	2947	2827	2906	2.35	cps
Copper	63-2	3437	3534	3501	3491	1.41	cps
Dysprosium	156-1	592	475	500	522	11.76	cps
Dysprosium	156-2	120	123	103	116	9.27	cps
Erbium	164-1	467	483	533	494	7.02	cps
Erbium	164-2	90	77	160	109	41.11	cps
Gadolinium	160-1	583	333	483	467	26.97	cps
Gadolinium	160-2	167	187	147	167	12.00	cps
Holmium	165-1	11416826	11338118	11302821	11352589	0.51	cps
Holmium	165-2	2518272	2466917	2467764	2484317	1.18	cps
Indium	115-1	9061737	8997277	8985453	9014823	0.46	cps
Indium	115-2	424448	420877	419233	421519	0.63	cps
Iron	56-2	178343	180809	176385	178512	1.24	cps
Iron	57-2	4595	4495	4367	4486	2.55	cps
Lead	206-1	1861	1711	1750	1774	4.39	cps
Lead	207-1	1245	1350	1333	1309	4.33	cps
Lead	208-1	6340	6306	6468	6371	1.34	cps
Lithium	6-1	1452729	1444240	1452039	1449670	0.33	cps
Magnesium	24-2	1066499	1059509	1058830	1061613	0.40	cps
Manganese	55-2	5868	5775	5495	5712	3.40	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-11	Instrumnet Name :	P8
Client Sample ID :	MBDYT8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:34:12	DataFile Name :	035SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1367	1584	1367	1439	8.69	cps
Molybdenum	95-1	1242	1208	1167	1206	3.12	cps
Molybdenum	96-1	1342	1609	1350	1433	10.58	cps
Molybdenum	97-1	917	650	817	795	16.96	cps
Molybdenum	98-1	1825	1725	1809	1786	3.00	cps
Neodymium	150-1	707	727	700	711	1.95	cps
Neodymium	150-2	73	93	90	86	12.53	cps
Nickel	60-2	1143	1223	1203	1190	3.50	cps
Phosphorus	31-2	25	17	33	25	33.34	cps
Potassium	39-2	27344	26543	26985	26957	1.49	cps
Rhodium	103-1	8083235	8050718	8046770	8060241	0.25	cps
Rhodium	103-2	2250860	2255236	2218416	2241504	0.90	cps
Scandium	45-1	4904506	4904711	4819667	4876295	1.01	cps
Scandium	45-2	42147	41953	42123	42074	0.25	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	0	6	9	5	94.35	cps
Selenium	82-1	-66	-8	-22	-32	-94.40	cps
Silicon	28-1	34770214	34618299	34260032	34549515	0.76	cps
Silver	109-1	8612	8653	8270	8511	2.47	cps
Silver	107-1	9287	8937	8603	8942	3.82	cps
Sodium	23-2	2594557	2560650	2579450	2578219	0.66	cps
Strontium	86-1	475225	473952	472707	473962	0.27	cps
Strontium	88-1	4200349	4142535	4149245	4164043	0.76	cps
Sulfur	34-1	812762	806446	809755	809654	0.39	cps
Terbium	159-1	11882038	11701970	11756508	11780172	0.78	cps
Terbium	159-2	2413398	2385959	2399635	2399664	0.57	cps
Thallium	203-1	317	233	258	269	15.87	cps
Thallium	205-1	375	417	525	439	17.64	cps
Tin	118-1	1392	1342	1192	1308	7.96	cps
Titanium	47-1	5902	5543	5485	5643	4.00	cps
Uranium	238-1	22830	22187	22321	22446	1.51	cps
Vanadium	51-2	1723	1800	1814	1779	2.73	cps
Yttrium	89-1	9496648	9263946	9380939	9380511	1.24	cps
Yttrium	89-2	314178	311625	310009	311937	0.67	cps
Zinc	66-2	683	617	600	633	6.96	cps
Zirconium	90-1	2075	2150	2017	2081	3.21	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-11	Instrumnet Name :	P8
Client Sample ID :	MBDYT8D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:34:12	DataFile Name :	035SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	600	542	500	547	9.18	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6803-10LX5 Instrumnet Name : P8
 Client Sample ID : MBDYT8L Dilution Factor : 5
 Date & Time Acquired :: 2017-12-18 16:37:18 DataFile Name : 036SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	258	142	214	29.50	cps
Antimony	121-1	400	392	283	358	18.16	cps
Arsenic	75-2	7	4	9	7	41.70	cps
Barium	135-1	5468	5518	5952	5646	4.71	cps
Barium	137-1	10188	9988	10063	10079	1.00	cps
Beryllium	9-1	122	122	100	115	11.18	cps
Bismuth	209-1	6669201	6647399	6794804	6703801	1.19	cps
Bismuth	209-2	1877536	1818769	1821234	1839180	1.81	cps
Boron	10-1	15659	16126	16360	16048	2.22	cps
Boron	11-1	74786	75172	74812	74924	0.29	cps
Cadmium	111-1	1146	1030	1163	1113	6.53	cps
Cadmium	106-1	1608	1442	1609	1553	6.20	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	347070	346730	348433	347411	0.26	cps
Calcium	44-1	5648583	5679909	5680299	5669597	0.32	cps
Chromium	52-2	530	643	623	599	10.10	cps
Cobalt	59-2	580	500	610	563	10.09	cps
Copper	63-2	947	810	917	891	8.06	cps
Dysprosium	156-1	125	83	133	114	23.52	cps
Dysprosium	156-2	23	13	20	19	26.96	cps
Erbium	164-1	92	75	100	89	14.33	cps
Erbium	164-2	37	20	27	28	30.20	cps
Gadolinium	160-1	92	158	175	142	31.13	cps
Gadolinium	160-2	33	23	37	31	22.31	cps
Holmium	165-1	10293855	10339136	10305067	10312686	0.23	cps
Holmium	165-2	2315073	2311942	2303260	2310092	0.26	cps
Indium	115-1	8341888	8486879	8302886	8377218	1.16	cps
Indium	115-2	401600	400893	401712	401401	0.11	cps
Iron	56-2	36276	35786	36103	36055	0.69	cps
Iron	57-2	939	778	922	880	10.07	cps
Lead	206-1	494	533	500	509	4.13	cps
Lead	207-1	444	417	478	446	6.86	cps
Lead	208-1	1906	2006	2067	1993	4.08	cps
Lithium	6-1	1321125	1309682	1334135	1321648	0.93	cps
Magnesium	24-2	196210	192350	194741	194434	1.00	cps
Manganese	55-2	1050	1257	1110	1139	9.34	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-10LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYT8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-18 16:37:18	DataFile Name :	036SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	533	417	417	28.00	cps
Molybdenum	95-1	175	308	208	231	30.10	cps
Molybdenum	96-1	317	317	342	325	4.44	cps
Molybdenum	97-1	167	250	233	217	20.35	cps
Molybdenum	98-1	383	275	417	358	20.67	cps
Neodymium	150-1	140	127	133	133	5.00	cps
Neodymium	150-2	7	13	13	11	34.61	cps
Nickel	60-2	427	387	387	400	5.77	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	7594	7486	6785	7288	6.02	cps
Rhodium	103-1	7565715	7536593	7504881	7535729	0.40	cps
Rhodium	103-2	2151787	2133488	2134899	2140058	0.48	cps
Scandium	45-1	4475334	4486475	4491008	4484272	0.18	cps
Scandium	45-2	39295	39332	38306	38977	1.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	-43	-69	10	-34	-117.04	cps
Silicon	28-1	6531415	6589916	6543184	6554838	0.47	cps
Silver	109-1	1192	1192	1267	1217	3.56	cps
Silver	107-1	1108	1042	1200	1117	7.12	cps
Sodium	23-2	478787	473325	476310	476141	0.57	cps
Strontium	86-1	84554	83422	82699	83558	1.12	cps
Strontium	88-1	735164	730839	736006	734003	0.38	cps
Sulfur	34-1	467682	466647	467481	467270	0.12	cps
Terbium	159-1	10773613	10697357	10692552	10721174	0.42	cps
Terbium	159-2	2231174	2218306	2273750	2241076	1.29	cps
Thallium	203-1	175	150	183	169	10.24	cps
Thallium	205-1	242	383	342	322	22.60	cps
Tin	118-1	1458	1709	1358	1508	11.95	cps
Titanium	47-1	1375	1400	1358	1378	1.52	cps
Uranium	238-1	4051	4201	4068	4106	2.00	cps
Vanadium	51-2	343	350	330	341	2.99	cps
Yttrium	89-1	8635631	8562564	8636894	8611696	0.49	cps
Yttrium	89-2	295610	293694	294320	294541	0.33	cps
Zinc	66-2	173	140	127	147	16.39	cps
Zirconium	90-1	917	708	975	867	16.18	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-10LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYT8L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-18 16:37:18	DataFile Name :	036SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	167	150	153	8.33	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6803-12 Instrumnet Name : P8
 Client Sample ID : MBDYT8S Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 16:40:25 DataFile Name : 037SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12865	13031	12790	12895	0.96	cps
Antimony	121-1	965263	966428	972601	968097	0.41	cps
Arsenic	75-2	4416	4351	4443	4403	1.08	cps
Barium	135-1	4157175	4189726	4190783	4179228	0.46	cps
Barium	137-1	7202755	7211253	7197699	7203902	0.10	cps
Beryllium	9-1	58921	58815	58363	58699	0.51	cps
Bismuth	209-1	7477594	7623399	6747437	7282810	6.44	cps
Bismuth	209-2	1970737	1987053	1956373	1971388	0.78	cps
Boron	10-1	60420	60260	59750	60143	0.58	cps
Boron	11-1	270724	270029	279726	273493	1.98	cps
Cadmium	111-1	100652	101997	100278	100976	0.90	cps
Cadmium	106-1	10680	10671	10521	10624	0.84	cps
Cadmium	108-1	6548	6339	6343	6410	1.86	cps
Calcium	43-1	1954063	1931510	1957432	1947668	0.72	cps
Calcium	44-1	31369002	31170141	31304502	31281215	0.32	cps
Chromium	52-2	170756	169482	170042	170093	0.38	cps
Cobalt	59-2	901137	897836	892276	897083	0.50	cps
Copper	63-2	387216	386944	386602	386921	0.08	cps
Dysprosium	156-1	500	500	533	511	3.77	cps
Dysprosium	156-2	73	120	123	106	26.49	cps
Erbium	164-1	500	525	500	508	2.84	cps
Erbium	164-2	110	77	127	104	24.37	cps
Gadolinium	160-1	525	583	533	547	5.77	cps
Gadolinium	160-2	117	147	160	141	15.73	cps
Holmium	165-1	11667648	11766512	10467176	11300445	6.40	cps
Holmium	165-2	2541841	2513523	2467362	2507575	1.50	cps
Indium	115-1	9203656	9430530	8287533	8973906	6.74	cps
Indium	115-2	427736	424853	428103	426897	0.42	cps
Iron	56-2	712194	708125	707055	709125	0.38	cps
Iron	57-2	17851	18496	18513	18286	2.06	cps
Lead	206-1	124466	123461	124027	123984	0.41	cps
Lead	207-1	111855	110774	112125	111585	0.64	cps
Lead	208-1	502149	501374	505010	502844	0.38	cps
Lithium	6-1	1494244	1512638	1343189	1450024	6.41	cps
Magnesium	24-2	1043578	1037252	1033134	1037988	0.51	cps
Manganese	55-2	130822	130172	128471	129822	0.94	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:40:25	DataFile Name :	037SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1133	1200	1100	1145	4.45	cps
Molybdenum	95-1	1092	1242	1167	1167	6.43	cps
Molybdenum	96-1	1350	1425	1400	1392	2.75	cps
Molybdenum	97-1	708	783	908	800	12.63	cps
Molybdenum	98-1	1975	1867	1659	1834	8.78	cps
Neodymium	150-1	780	633	707	707	10.38	cps
Neodymium	150-2	93	73	87	84	12.07	cps
Nickel	60-2	259679	257416	258134	258410	0.45	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	26133	26810	25875	26273	1.84	cps
Rhodium	103-1	8214179	8367403	7342924	7974835	6.93	cps
Rhodium	103-2	2269133	2275914	2273552	2272866	0.15	cps
Scandium	45-1	4941050	5007180	4429674	4792635	6.59	cps
Scandium	45-2	41645	42558	42327	42177	1.13	cps
Selenium	77-2	120	83	83	96	22.15	cps
Selenium	78-2	289	244	294	276	9.93	cps
Selenium	82-1	12453	12197	12679	12443	1.94	cps
Silicon	28-1	34223906	33661992	33937880	33941259	0.83	cps
Silver	109-1	418525	418805	422118	419816	0.48	cps
Silver	107-1	430468	438454	444045	437655	1.56	cps
Sodium	23-2	2551910	2500382	2536146	2529479	1.04	cps
Strontium	86-1	471407	468230	473941	471193	0.61	cps
Strontium	88-1	4128905	4132350	4142803	4134686	0.18	cps
Sulfur	34-1	799996	793069	803720	798928	0.68	cps
Terbium	159-1	12070585	12399943	10734585	11735038	7.52	cps
Terbium	159-2	2431373	2442000	2462804	2445392	0.65	cps
Thallium	203-1	381513	381911	383150	382191	0.22	cps
Thallium	205-1	923008	920284	930418	924570	0.57	cps
Tin	118-1	1333	1142	1192	1222	8.13	cps
Titanium	47-1	4748	3817	3592	4053	15.12	cps
Uranium	238-1	23072	21887	22813	22591	2.76	cps
Vanadium	51-2	321007	321652	320384	321014	0.20	cps
Yttrium	89-1	9542537	9795134	8563610	9300427	6.99	cps
Yttrium	89-2	320376	317180	315359	317638	0.80	cps
Zinc	66-2	73396	72967	73711	73358	0.51	cps
Zirconium	90-1	1317	1617	1208	1381	15.33	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT8S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:40:25	DataFile Name :	037SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	400	342	378	8.35	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-13	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:43:31	DataFile Name :	038SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9145	9253	9120	9173	0.77	cps
Antimony	121-1	1408	1258	1392	1353	6.08	cps
Arsenic	75-2	128	141	111	127	11.74	cps
Barium	135-1	130261	129772	129646	129893	0.25	cps
Barium	137-1	226496	226879	225501	226292	0.31	cps
Beryllium	9-1	211	211	300	241	21.32	cps
Bismuth	209-1	7521527	7436776	7356824	7438376	1.11	cps
Bismuth	209-2	1970587	1921972	1922587	1938382	1.44	cps
Boron	10-1	117897	122503	123560	121320	2.48	cps
Boron	11-1	561087	573519	578534	571047	1.57	cps
Cadmium	111-1	1779	1707	1654	1714	3.67	cps
Cadmium	106-1	1884	1809	1784	1825	2.85	cps
Cadmium	108-1	50	54	88	64	32.17	cps
Calcium	43-1	2647506	2625273	2628743	2633841	0.45	cps
Calcium	44-1	42949752	42880093	41949166	42593003	1.31	cps
Chromium	52-2	6352	6455	6265	6357	1.50	cps
Cobalt	59-2	8880	8743	8519	8714	2.09	cps
Copper	63-2	15178	15148	14828	15052	1.29	cps
Dysprosium	156-1	5618	5426	5585	5543	1.85	cps
Dysprosium	156-2	1327	1347	1323	1332	0.95	cps
Erbium	164-1	6027	5376	5368	5590	6.76	cps
Erbium	164-2	1210	1107	1053	1123	7.09	cps
Gadolinium	160-1	5785	5960	5368	5704	5.33	cps
Gadolinium	160-2	1613	1657	1593	1621	2.00	cps
Holmium	165-1	11680100	11633934	11384429	11566154	1.38	cps
Holmium	165-2	2539344	2504061	2479499	2507635	1.20	cps
Indium	115-1	9212695	9134175	8941459	9096110	1.53	cps
Indium	115-2	428504	420714	420681	423299	1.06	cps
Iron	56-2	1814146	1779789	1771646	1788527	1.26	cps
Iron	57-2	43485	42922	44293	43567	1.58	cps
Lead	206-1	12668	11923	12173	12254	3.09	cps
Lead	207-1	10533	10421	9871	10275	3.45	cps
Lead	208-1	48927	48521	47319	48256	1.73	cps
Lithium	6-1	1466053	1450927	1457280	1458087	0.52	cps
Magnesium	24-2	1263089	1257339	1265498	1261976	0.33	cps
Manganese	55-2	783768	774867	773176	777270	0.73	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-13	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:43:31	DataFile Name :	038SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12681	12364	12648	12565	1.39	cps
Molybdenum	95-1	15735	15334	15159	15409	1.92	cps
Molybdenum	96-1	17320	16644	17462	17142	2.55	cps
Molybdenum	97-1	9420	9629	9412	9487	1.30	cps
Molybdenum	98-1	24757	25216	24114	24696	2.24	cps
Neodymium	150-1	6829	6755	6555	6713	2.11	cps
Neodymium	150-2	897	840	937	891	5.45	cps
Nickel	60-2	5034	5138	4984	5052	1.55	cps
Phosphorus	31-2	33	67	42	47	36.74	cps
Potassium	39-2	44045	44104	44270	44140	0.27	cps
Rhodium	103-1	8200297	8199984	8029754	8143345	1.21	cps
Rhodium	103-2	2283460	2269920	2258942	2270774	0.54	cps
Scandium	45-1	4970534	4844627	4895764	4903642	1.29	cps
Scandium	45-2	42270	41602	41652	41841	0.89	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	7	2	6	5	57.32	cps
Selenium	82-1	-60	0	-61	-40	-86.36	cps
Silicon	28-1	41317657	40911372	40973794	41067608	0.53	cps
Silver	109-1	18213	17078	16427	17240	5.24	cps
Silver	107-1	18964	16861	16427	17418	7.79	cps
Sodium	23-2	3375815	3298059	3349852	3341242	1.18	cps
Strontium	86-1	808583	798962	798720	802088	0.70	cps
Strontium	88-1	7004037	6980957	6957817	6980937	0.33	cps
Sulfur	34-1	992021	993675	990109	991935	0.18	cps
Terbium	159-1	12212525	12001645	11948247	12054139	1.16	cps
Terbium	159-2	2463506	2405065	2425023	2431198	1.22	cps
Thallium	203-1	567	575	658	600	8.45	cps
Thallium	205-1	1300	1100	1333	1245	10.14	cps
Tin	118-1	1383	1292	1508	1395	7.80	cps
Titanium	47-1	36479	35830	35170	35826	1.83	cps
Uranium	238-1	42231	41403	42524	42053	1.38	cps
Vanadium	51-2	5014	4761	4874	4883	2.60	cps
Yttrium	89-1	9591870	9586087	9535175	9571044	0.33	cps
Yttrium	89-2	318224	317963	314631	316940	0.63	cps
Zinc	66-2	1450	1497	1457	1468	1.72	cps
Zirconium	90-1	10555	10413	9671	10213	4.65	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-13	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:43:31	DataFile Name :	038SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2309	2092	2200	2200	4.93	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:46:37	DataFile Name :	039SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2317	2159	2092	2189	5.28	cps
Antimony	121-1	1292	1242	1300	1278	2.47	cps
Arsenic	75-2	30	46	57	44	31.46	cps
Barium	135-1	53133	53585	51719	52812	1.84	cps
Barium	137-1	92180	90216	90014	90804	1.32	cps
Beryllium	9-1	194	183	206	194	5.71	cps
Bismuth	209-1	7695343	7669002	7647776	7670707	0.31	cps
Bismuth	209-2	2026695	1990894	1992024	2003204	1.02	cps
Boron	10-1	13549	14133	13799	13827	2.12	cps
Boron	11-1	66388	64471	62110	64323	3.33	cps
Cadmium	111-1	1475	1287	1275	1346	8.33	cps
Cadmium	106-1	1842	1659	1684	1728	5.76	cps
Cadmium	108-1	21	17	17	18	13.30	cps
Calcium	43-1	1163939	1148926	1138790	1150552	1.10	cps
Calcium	44-1	18937744	18773320	18605167	18772077	0.89	cps
Chromium	52-2	9483	9170	9076	9243	2.31	cps
Cobalt	59-2	1530	1447	1460	1479	3.03	cps
Copper	63-2	5608	5631	5968	5736	3.51	cps
Dysprosium	156-1	3009	2750	2934	2898	4.59	cps
Dysprosium	156-2	573	593	613	593	3.37	cps
Erbium	164-1	2450	2225	2300	2325	4.93	cps
Erbium	164-2	450	503	420	458	9.22	cps
Gadolinium	160-1	2625	2759	2384	2589	7.34	cps
Gadolinium	160-2	710	630	653	664	6.19	cps
Holmium	165-1	11785184	11743777	11571696	11700219	0.97	cps
Holmium	165-2	2532491	2519407	2522940	2524946	0.27	cps
Indium	115-1	9488614	9340663	9260247	9363175	1.24	cps
Indium	115-2	433655	430970	427722	430782	0.69	cps
Iron	56-2	395031	397866	396385	396427	0.36	cps
Iron	57-2	10071	10126	9865	10021	1.37	cps
Lead	206-1	11478	11472	11923	11624	2.22	cps
Lead	207-1	9815	9999	10082	9965	1.37	cps
Lead	208-1	46006	46881	46457	46448	0.94	cps
Lithium	6-1	1476397	1486100	1476724	1479740	0.37	cps
Magnesium	24-2	424139	428035	421972	424715	0.72	cps
Manganese	55-2	61438	61444	61063	61315	0.36	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:46:37	DataFile Name :	039SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2659	2817	3730	3069	18.85	cps
Molybdenum	95-1	3042	3201	3025	3089	3.13	cps
Molybdenum	96-1	3451	3667	3484	3534	3.30	cps
Molybdenum	97-1	1759	1775	1742	1759	0.95	cps
Molybdenum	98-1	4843	4801	4518	4721	3.75	cps
Neodymium	150-1	4021	4228	3974	4074	3.31	cps
Neodymium	150-2	583	557	540	560	3.90	cps
Nickel	60-2	4724	4504	4678	4635	2.50	cps
Phosphorus	31-2	8	33	17	19	65.47	cps
Potassium	39-2	26325	25824	26709	26286	1.69	cps
Rhodium	103-1	8483713	8289658	8294922	8356098	1.32	cps
Rhodium	103-2	2333170	2335017	2289107	2319098	1.12	cps
Scandium	45-1	4992629	5037030	4963552	4997737	0.74	cps
Scandium	45-2	41745	41682	41762	41730	0.10	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	13	7	0	7	95.76	cps
Selenium	82-1	-144	-115	-84	-114	-26.10	cps
Silicon	28-1	22669922	22520937	22198888	22463249	1.07	cps
Silver	109-1	13491	13407	12023	12974	6.36	cps
Silver	107-1	13691	13549	13115	13452	2.23	cps
Sodium	23-2	1187776	1173695	1186345	1182605	0.66	cps
Strontium	86-1	420518	418528	409293	416113	1.44	cps
Strontium	88-1	3696110	3683940	3631357	3670469	0.94	cps
Sulfur	34-1	488155	483219	491628	487667	0.87	cps
Terbium	159-1	12304271	12267206	12123731	12231736	0.78	cps
Terbium	159-2	2483981	2453658	2463385	2467008	0.63	cps
Thallium	203-1	242	308	200	250	21.86	cps
Thallium	205-1	633	625	567	608	5.97	cps
Tin	118-1	1292	1275	1175	1247	5.06	cps
Titanium	47-1	15860	15493	15501	15618	1.34	cps
Uranium	238-1	6260	6694	6310	6421	3.69	cps
Vanadium	51-2	1220	1327	1247	1265	4.39	cps
Yttrium	89-1	9749245	9624467	9579199	9650970	0.91	cps
Yttrium	89-2	318695	319235	316384	318105	0.48	cps
Zinc	66-2	3117	3147	3047	3104	1.65	cps
Zirconium	90-1	3309	3626	3042	3326	8.79	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:46:37	DataFile Name :	039SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	675	658	892	742	17.55	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-15	Instrumnet Name :	P8
Client Sample ID :	MBDYW3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:49:44	DataFile Name :	040SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	250	308	278	10.54	cps
Antimony	121-1	18263	18405	17779	18149	1.81	cps
Arsenic	75-2	57	37	56	50	22.53	cps
Barium	135-1	79371	77544	76362	77759	1.95	cps
Barium	137-1	138974	133982	135438	136131	1.89	cps
Beryllium	9-1	111	128	156	131	17.08	cps
Bismuth	209-1	7458320	7392561	7304377	7385086	1.05	cps
Bismuth	209-2	1682382	1752192	1852902	1762492	4.86	cps
Boron	10-1	18312	17904	19222	18479	3.65	cps
Boron	11-1	85228	86452	87768	86483	1.47	cps
Cadmium	111-1	1354	1234	1343	1311	5.06	cps
Cadmium	106-1	1767	1600	1734	1700	5.19	cps
Cadmium	108-1	58	33	29	40	39.16	cps
Calcium	43-1	1231295	1197876	1198520	1209230	1.58	cps
Calcium	44-1	19780447	19775659	19550270	19702125	0.67	cps
Chromium	52-2	5011	4804	4848	4888	2.23	cps
Cobalt	59-2	943	890	923	919	2.93	cps
Copper	63-2	8436	8386	8226	8349	1.31	cps
Dysprosium	156-1	358	350	275	328	14.00	cps
Dysprosium	156-2	60	77	60	66	14.68	cps
Erbium	164-1	400	433	533	456	15.23	cps
Erbium	164-2	113	63	100	92	28.08	cps
Gadolinium	160-1	508	433	342	428	19.51	cps
Gadolinium	160-2	87	93	103	94	8.88	cps
Holmium	165-1	11557097	11383521	11258226	11399615	1.32	cps
Holmium	165-2	2172703	2261884	2400362	2278316	5.04	cps
Indium	115-1	9164072	9150478	8889312	9067954	1.71	cps
Indium	115-2	369349	382490	404633	385490	4.63	cps
Iron	56-2	108846	102066	103213	104708	3.47	cps
Iron	57-2	2834	2589	2561	2661	5.63	cps
Lead	206-1	2356	2378	2511	2415	3.48	cps
Lead	207-1	2356	2172	2156	2228	4.98	cps
Lead	208-1	9913	9552	9780	9748	1.87	cps
Lithium	6-1	1434066	1435210	1415092	1428123	0.79	cps
Magnesium	24-2	242426	230414	234935	235925	2.57	cps
Manganese	55-2	228592	216615	222847	222685	2.69	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-15	Instrumnet Name :	P8
Client Sample ID :	MBDYW3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:49:44	DataFile Name :	040SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5952	6027	5693	5890	2.97	cps
Molybdenum	95-1	9379	8970	9179	9176	2.23	cps
Molybdenum	96-1	10271	10413	10104	10263	1.50	cps
Molybdenum	97-1	5918	6077	5643	5879	3.73	cps
Molybdenum	98-1	15159	14792	14008	14653	4.01	cps
Neodymium	150-1	293	353	333	327	9.35	cps
Neodymium	150-2	53	43	70	56	24.25	cps
Nickel	60-2	3641	3504	3347	3497	4.20	cps
Phosphorus	31-2	0	33	17	17	100.00	cps
Potassium	39-2	39155	36933	36866	37651	3.46	cps
Rhodium	103-1	8029577	8069906	7955623	8018369	0.72	cps
Rhodium	103-2	1955860	2051236	2141211	2049435	4.52	cps
Scandium	45-1	4869103	4838198	4768624	4825308	1.07	cps
Scandium	45-2	36784	37644	39796	38075	4.08	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	9	4	4	107.89	cps
Selenium	82-1	-82	-206	-155	-148	-42.31	cps
Silicon	28-1	17998650	17878451	17675224	17850775	0.92	cps
Silver	109-1	12123	11347	11314	11594	3.95	cps
Silver	107-1	12164	11689	11664	11839	2.38	cps
Sodium	23-2	11882679	11217551	11439307	11513179	2.94	cps
Strontium	86-1	466109	463641	456905	462218	1.03	cps
Strontium	88-1	4095719	4003617	4007916	4035751	1.29	cps
Sulfur	34-1	576181	569830	575183	573731	0.60	cps
Terbium	159-1	12002950	11902704	11710569	11872074	1.25	cps
Terbium	159-2	2104842	2192449	2283015	2193435	4.06	cps
Thallium	203-1	258	142	117	172	43.91	cps
Thallium	205-1	350	267	358	325	15.60	cps
Tin	118-1	1033	1058	1350	1147	15.35	cps
Titanium	47-1	1217	1384	1142	1247	9.92	cps
Uranium	238-1	73007	70131	70886	71341	2.09	cps
Vanadium	51-2	577	463	507	516	11.09	cps
Yttrium	89-1	9460914	9397774	9343990	9400893	0.62	cps
Yttrium	89-2	270412	284290	298192	284298	4.89	cps
Zinc	66-2	6048	5404	5825	5759	5.67	cps
Zirconium	90-1	1842	1675	1734	1750	4.83	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-15	Instrumnet Name :	P8
Client Sample ID :	MBDYW3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:49:44	DataFile Name :	040SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	433	317	383	15.68	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-16	Instrumnet Name :	P8
Client Sample ID :	MBDY20	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:52:50	DataFile Name :	041SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	8	67	39	75.26	cps
Antimony	121-1	958	950	875	928	4.95	cps
Arsenic	75-2	13	22	15	17	29.41	cps
Barium	135-1	44325	43439	44576	44114	1.35	cps
Barium	137-1	76649	76757	75817	76408	0.67	cps
Beryllium	9-1	83	133	122	113	23.24	cps
Bismuth	209-1	7570305	7417561	7357259	7448375	1.47	cps
Bismuth	209-2	1924638	1936438	1939914	1933663	0.41	cps
Boron	10-1	47839	48617	48416	48291	0.84	cps
Boron	11-1	218456	219437	225326	221073	1.68	cps
Cadmium	111-1	1263	1510	1381	1385	8.94	cps
Cadmium	106-1	1559	1942	1734	1745	11.00	cps
Cadmium	108-1	17	17	4	13	57.72	cps
Calcium	43-1	1563877	1523624	1517366	1534955	1.64	cps
Calcium	44-1	25230882	24794313	24370640	24798611	1.73	cps
Chromium	52-2	2504	2504	2487	2498	0.39	cps
Cobalt	59-2	1040	1047	1050	1046	0.49	cps
Copper	63-2	2437	2357	2224	2339	4.61	cps
Dysprosium	156-1	192	125	183	167	21.79	cps
Dysprosium	156-2	37	40	33	37	9.10	cps
Erbium	164-1	325	292	308	308	5.40	cps
Erbium	164-2	63	43	30	46	36.83	cps
Gadolinium	160-1	233	325	167	242	32.89	cps
Gadolinium	160-2	73	50	50	58	23.32	cps
Holmium	165-1	11599046	11327127	11311333	11412502	1.42	cps
Holmium	165-2	2460431	2482229	2415615	2452758	1.38	cps
Indium	115-1	9109708	8929047	8989771	9009509	1.02	cps
Indium	115-2	413409	415030	412260	413566	0.34	cps
Iron	56-2	149441	147213	147252	147969	0.86	cps
Iron	57-2	3812	3628	3851	3764	3.15	cps
Lead	206-1	556	544	450	517	11.23	cps
Lead	207-1	450	394	439	428	6.87	cps
Lead	208-1	1956	1978	2083	2006	3.40	cps
Lithium	6-1	1459128	1427581	1427889	1438199	1.26	cps
Magnesium	24-2	535059	543294	536143	538165	0.83	cps
Manganese	55-2	402504	398613	397113	399410	0.70	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-16	Instrumnet Name :	P8
Client Sample ID :	MBDY20	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:52:50	DataFile Name :	041SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1192	942	1300	1145	16.06	cps
Molybdenum	95-1	1734	1492	1725	1650	8.32	cps
Molybdenum	96-1	1792	1475	1675	1647	9.72	cps
Molybdenum	97-1	900	933	775	870	9.60	cps
Molybdenum	98-1	2175	2567	4380	3041	38.68	cps
Neodymium	150-1	187	193	227	202	10.60	cps
Neodymium	150-2	30	27	43	33	26.45	cps
Nickel	60-2	1740	1750	1643	1711	3.44	cps
Phosphorus	31-2	33	8	0	14	124.92	cps
Potassium	39-2	26000	25533	26100	25878	1.17	cps
Rhodium	103-1	8139055	8013605	7988725	8047128	1.00	cps
Rhodium	103-2	2224567	2220631	2180908	2208702	1.09	cps
Scandium	45-1	4846694	4788822	4710888	4782134	1.43	cps
Scandium	45-2	40368	39596	39974	39979	0.97	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	6	6	4	49.54	cps
Selenium	82-1	-121	-41	-89	-84	-47.99	cps
Silicon	28-1	34718611	34258631	34295539	34424260	0.74	cps
Silver	109-1	8695	7811	8328	8278	5.36	cps
Silver	107-1	9028	8386	8761	8725	3.70	cps
Sodium	23-2	963412	953974	949702	955696	0.73	cps
Strontium	86-1	434558	427681	426213	429484	1.04	cps
Strontium	88-1	3798388	3764298	3757628	3773438	0.58	cps
Sulfur	34-1	511691	508784	509441	509972	0.30	cps
Terbium	159-1	12012307	11833434	11897559	11914433	0.76	cps
Terbium	159-2	2379226	2399427	2374510	2384388	0.56	cps
Thallium	203-1	308	242	192	247	23.67	cps
Thallium	205-1	700	575	483	586	18.56	cps
Tin	118-1	1058	1042	1058	1053	0.91	cps
Titanium	47-1	633	717	667	672	6.24	cps
Uranium	238-1	9487	8887	9287	9220	3.32	cps
Vanadium	51-2	897	1023	957	959	6.61	cps
Yttrium	89-1	9368998	9372412	9191974	9311128	1.11	cps
Yttrium	89-2	302236	302699	301102	302012	0.27	cps
Zinc	66-2	347	407	413	389	9.44	cps
Zirconium	90-1	967	1084	1033	1028	5.70	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-16	Instrumnet Name :	P8
Client Sample ID :	MBDYZ0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:52:50	DataFile Name :	041SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	258	225	214	23.81	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-17	Instrumnet Name :	P8
Client Sample ID :	MBDYZ6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:55:57	DataFile Name :	042SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	33	17	99.99	cps
Antimony	121-1	158	92	167	139	29.60	cps
Arsenic	75-2	7	2	2	4	86.68	cps
Barium	135-1	292	350	342	328	9.63	cps
Barium	137-1	508	467	475	483	4.56	cps
Beryllium	9-1	83	72	139	98	36.39	cps
Bismuth	209-1	7142813	7020586	7077101	7080167	0.86	cps
Bismuth	209-2	1898623	1879582	1870120	1882775	0.77	cps
Boron	10-1	4393	4168	3917	4159	5.71	cps
Boron	11-1	20273	19113	17862	19083	6.32	cps
Cadmium	111-1	1272	1331	1173	1259	6.34	cps
Cadmium	106-1	1800	1859	1667	1775	5.54	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	1317	1033	1175	1175	12.06	cps
Calcium	44-1	24547	23946	24431	24308	1.31	cps
Chromium	52-2	307	290	403	333	18.36	cps
Cobalt	59-2	33	47	33	38	20.39	cps
Copper	63-2	370	357	437	388	11.05	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	67	33	53	32.88	cps
Erbium	164-2	17	13	7	12	41.65	cps
Gadolinium	160-1	108	75	83	89	19.52	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	10797358	10689242	10763998	10750199	0.51	cps
Holmium	165-2	2363229	2367481	2368957	2366556	0.13	cps
Indium	115-1	8675714	8676400	8615395	8655836	0.40	cps
Indium	115-2	414405	409771	406395	410190	0.98	cps
Iron	56-2	1845	1906	1861	1871	1.69	cps
Iron	57-2	56	28	61	48	37.09	cps
Lead	206-1	322	272	344	313	11.82	cps
Lead	207-1	211	244	289	248	15.72	cps
Lead	208-1	1056	1245	1250	1183	9.35	cps
Lithium	6-1	1354639	1351667	1356006	1354104	0.16	cps
Magnesium	24-2	650	658	733	681	6.75	cps
Manganese	55-2	73	47	23	48	52.37	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-17	Instrumnet Name :	P8
Client Sample ID :	MBDYZ6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:55:57	DataFile Name :	042SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	192	150	186	18.10	cps
Molybdenum	95-1	50	33	8	31	68.64	cps
Molybdenum	96-1	58	108	108	92	31.49	cps
Molybdenum	97-1	50	75	58	61	20.83	cps
Molybdenum	98-1	58	17	50	42	52.91	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	310	340	247	299	15.94	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2750	2375	2609	2578	7.35	cps
Rhodium	103-1	7896491	7875757	7881209	7884486	0.14	cps
Rhodium	103-2	2210350	2217104	2184041	2203832	0.79	cps
Scandium	45-1	4583637	4588918	4532381	4568312	0.68	cps
Scandium	45-2	40074	39148	38887	39370	1.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	-6	-68	-107	-60	-84.76	cps
Silicon	28-1	326113	326029	325535	325892	0.10	cps
Silver	109-1	633	617	633	628	1.53	cps
Silver	107-1	633	750	675	686	8.62	cps
Sodium	23-2	23670	24722	24672	24355	2.44	cps
Strontium	86-1	558	567	567	564	0.85	cps
Strontium	88-1	825	850	825	833	1.73	cps
Sulfur	34-1	366006	366887	371120	368004	0.74	cps
Terbium	159-1	11240391	11192182	11037266	11156613	0.95	cps
Terbium	159-2	2338100	2317230	2278436	2311256	1.31	cps
Thallium	203-1	192	108	92	131	41.04	cps
Thallium	205-1	350	342	325	339	3.76	cps
Tin	118-1	308	342	217	289	22.41	cps
Titanium	47-1	142	125	217	161	30.31	cps
Uranium	238-1	17	50	17	28	69.27	cps
Vanadium	51-2	10	7	27	14	74.18	cps
Yttrium	89-1	8899449	8921318	8812881	8877883	0.65	cps
Yttrium	89-2	298891	298530	296305	297908	0.47	cps
Zinc	66-2	43	47	63	51	20.96	cps
Zirconium	90-1	417	483	417	439	8.77	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-17	Instrumnet Name :	P8
Client Sample ID :	MBDYZ6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:55:57	DataFile Name :	042SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	75	125	86	40.29	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-18	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:59:04	DataFile Name :	043SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1067	1183	1358	1203	12.21	cps
Antimony	121-1	1267	1183	1192	1214	3.78	cps
Arsenic	75-2	65	111	59	78	36.31	cps
Barium	135-1	90049	88445	87220	88571	1.60	cps
Barium	137-1	157377	155463	156988	156609	0.65	cps
Beryllium	9-1	106	122	100	109	10.59	cps
Bismuth	209-1	7359105	7290783	7361316	7337068	0.55	cps
Bismuth	209-2	1906510	1880957	1550316	1779261	11.17	cps
Boron	10-1	170147	178168	180519	176278	3.09	cps
Boron	11-1	808993	829900	836404	825099	1.74	cps
Cadmium	111-1	1758	1764	1694	1738	2.23	cps
Cadmium	106-1	1942	1892	1759	1864	5.08	cps
Cadmium	108-1	50	75	42	56	31.22	cps
Calcium	43-1	2273224	2250822	2242428	2255491	0.71	cps
Calcium	44-1	36384621	36257454	35852642	36164906	0.77	cps
Chromium	52-2	3217	3274	3110	3200	2.59	cps
Cobalt	59-2	3304	3524	3561	3463	4.01	cps
Copper	63-2	7549	7385	7586	7507	1.42	cps
Dysprosium	156-1	1267	1242	1167	1225	4.25	cps
Dysprosium	156-2	230	270	227	242	9.96	cps
Erbium	164-1	1300	1217	1108	1208	7.95	cps
Erbium	164-2	247	230	233	237	3.72	cps
Gadolinium	160-1	1217	1050	1325	1197	11.57	cps
Gadolinium	160-2	310	287	340	312	8.56	cps
Holmium	165-1	11266008	11308931	11297907	11290949	0.20	cps
Holmium	165-2	2464116	2461360	2007194	2310890	11.38	cps
Indium	115-1	8961679	8950504	8870615	8927599	0.56	cps
Indium	115-2	408958	404312	338394	383888	10.28	cps
Iron	56-2	524670	519351	524319	522780	0.57	cps
Iron	57-2	13490	13284	13240	13338	1.00	cps
Lead	206-1	9309	9732	9754	9598	2.61	cps
Lead	207-1	8242	7947	7786	7992	2.89	cps
Lead	208-1	37317	36861	37484	37221	0.87	cps
Lithium	6-1	1412580	1420718	1415100	1416133	0.29	cps
Magnesium	24-2	1199209	1178333	1182492	1186678	0.93	cps
Manganese	55-2	1730007	1732534	1740131	1734224	0.30	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-18	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:59:04	DataFile Name :	043SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6568	6227	6452	6416	2.71	cps
Molybdenum	95-1	10338	10680	10521	10513	1.63	cps
Molybdenum	96-1	10480	11180	10897	10852	3.25	cps
Molybdenum	97-1	6077	5710	5785	5857	3.31	cps
Molybdenum	98-1	15660	15268	15276	15401	1.45	cps
Neodymium	150-1	1920	1800	1834	1851	3.35	cps
Neodymium	150-2	267	277	293	279	4.83	cps
Nickel	60-2	3651	3814	3617	3694	2.85	cps
Phosphorus	31-2	25	8	25	19	49.50	cps
Potassium	39-2	29190	29156	29415	29253	0.48	cps
Rhodium	103-1	7991262	7828752	7896815	7905610	1.03	cps
Rhodium	103-2	2187662	2175964	1788903	2050843	11.06	cps
Scandium	45-1	4728934	4655728	4690503	4691722	0.78	cps
Scandium	45-2	39245	39004	32820	37023	9.84	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-41	45	-35	-11	-457.74	cps
Silicon	28-1	42421523	42036502	41859544	42105856	0.68	cps
Silver	109-1	9287	8903	9020	9070	2.17	cps
Silver	107-1	9754	9179	9712	9548	3.36	cps
Sodium	23-2	3486438	3439391	3508982	3478271	1.02	cps
Strontium	86-1	653014	642168	638717	644633	1.16	cps
Strontium	88-1	5687148	5654885	5592376	5644803	0.85	cps
Sulfur	34-1	575372	570049	566245	570555	0.80	cps
Terbium	159-1	11726969	11606297	11840838	11724701	1.00	cps
Terbium	159-2	2368884	2379379	1966827	2238364	10.51	cps
Thallium	203-1	242	233	275	250	8.82	cps
Thallium	205-1	592	492	567	550	9.46	cps
Tin	118-1	1400	1383	1509	1431	4.74	cps
Titanium	47-1	8611	9063	8645	8773	2.87	cps
Uranium	238-1	50144	50202	49332	49893	0.97	cps
Vanadium	51-2	1283	1270	1457	1337	7.79	cps
Yttrium	89-1	9303539	9098735	9166612	9189629	1.14	cps
Yttrium	89-2	302990	296940	247359	282430	10.81	cps
Zinc	66-2	933	1013	933	960	4.81	cps
Zirconium	90-1	3301	3159	2784	3081	8.67	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-18	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 16:59:04	DataFile Name :	043SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	550	825	650	675	20.62	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:02:11	DataFile Name :	044SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	117	33	81	53.09	cps
Antimony	121-1	233	283	250	256	9.96	cps
Arsenic	75-2	0	4	4	2	86.60	cps
Barium	135-1	1292	1442	1317	1350	5.95	cps
Barium	137-1	2384	2242	2467	2364	4.81	cps
Beryllium	9-1	56	94	117	89	34.80	cps
Bismuth	209-1	6752976	6812667	6869829	6811824	0.86	cps
Bismuth	209-2	1842502	1842399	1848343	1844415	0.18	cps
Boron	10-1	10679	10204	9845	10243	4.08	cps
Boron	11-1	49060	47170	44796	47009	4.54	cps
Cadmium	111-1	1051	1050	965	1022	4.86	cps
Cadmium	106-1	1458	1467	1358	1428	4.22	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	68719	68610	70795	69375	1.78	cps
Calcium	44-1	1130486	1155495	1147243	1144408	1.11	cps
Chromium	52-2	460	427	363	417	11.79	cps
Cobalt	59-2	267	207	260	244	13.45	cps
Copper	63-2	513	547	413	491	14.13	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	67	58	75	67	12.49	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	58	50	75	61	20.83	cps
Gadolinium	160-2	7	7	23	12	78.69	cps
Holmium	165-1	10259653	10386509	10321349	10322504	0.61	cps
Holmium	165-2	2317561	2297531	2304053	2306382	0.44	cps
Indium	115-1	8226243	8378494	8335275	8313337	0.94	cps
Indium	115-2	391351	393743	394362	393152	0.40	cps
Iron	56-2	8469	9159	9203	8944	4.60	cps
Iron	57-2	283	183	294	254	24.12	cps
Lead	206-1	250	278	294	274	8.19	cps
Lead	207-1	278	294	222	265	14.28	cps
Lead	208-1	1078	1256	1195	1176	7.68	cps
Lithium	6-1	1271784	1272135	1306611	1283510	1.56	cps
Magnesium	24-2	40977	42715	41913	41868	2.08	cps
Manganese	55-2	30921	31068	31141	31043	0.36	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:02:11	DataFile Name :	044SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	300	258	289	9.27	cps
Molybdenum	95-1	225	217	308	250	20.28	cps
Molybdenum	96-1	325	342	233	300	19.44	cps
Molybdenum	97-1	133	192	233	186	26.99	cps
Molybdenum	98-1	308	383	417	369	15.02	cps
Neodymium	150-1	27	40	20	29	35.25	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	330	293	357	327	9.73	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	3542	3776	3276	3531	7.09	cps
Rhodium	103-1	7371387	7454742	7457782	7427971	0.66	cps
Rhodium	103-2	2110789	2118607	2109464	2112953	0.23	cps
Scandium	45-1	4264145	4355763	4353892	4324600	1.21	cps
Scandium	45-2	37641	37300	37026	37322	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	9	5	78.12	cps
Selenium	82-1	-71	-26	-35	-44	-53.86	cps
Silicon	28-1	2017888	2064074	2053524	2045162	1.18	cps
Silver	109-1	400	433	517	450	13.35	cps
Silver	107-1	417	542	492	483	13.02	cps
Sodium	23-2	77854	78785	79162	78600	0.86	cps
Strontium	86-1	14141	14517	14308	14322	1.31	cps
Strontium	88-1	118099	119537	119982	119206	0.83	cps
Sulfur	34-1	383196	383697	383407	383433	0.07	cps
Terbium	159-1	10694384	10804590	10786294	10761756	0.55	cps
Terbium	159-2	2217334	2244377	2238403	2233372	0.64	cps
Thallium	203-1	117	92	133	114	18.41	cps
Thallium	205-1	317	325	183	275	28.91	cps
Tin	118-1	1475	1550	1517	1514	2.48	cps
Titanium	47-1	517	442	533	497	9.82	cps
Uranium	238-1	1150	1100	1258	1170	6.92	cps
Vanadium	51-2	117	113	130	120	7.35	cps
Yttrium	89-1	8291453	8449736	8581768	8440986	1.72	cps
Yttrium	89-2	284368	286001	283928	284766	0.38	cps
Zinc	66-2	173	187	137	166	15.64	cps
Zirconium	90-1	383	592	458	478	22.09	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:02:11	DataFile Name :	044SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	125	100	100	25.00	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:05:18	DataFile Name :	045SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	92	100	94	5.09	cps
Antimony	121-1	183	175	275	211	26.28	cps
Arsenic	75-2	4	7	2	4	65.54	cps
Barium	135-1	3034	3042	3051	3042	0.27	cps
Barium	137-1	5301	5018	5643	5321	5.88	cps
Beryllium	9-1	111	94	139	115	19.55	cps
Bismuth	209-1	7007827	6948747	6917878	6958151	0.66	cps
Bismuth	209-2	1858886	1865990	1764857	1829911	3.08	cps
Boron	10-1	13807	14041	14208	14019	1.43	cps
Boron	11-1	65635	65843	65500	65659	0.26	cps
Cadmium	111-1	1316	1193	1122	1211	8.13	cps
Cadmium	106-1	1834	1642	1550	1675	8.63	cps
Cadmium	108-1	13	8	25	15	56.79	cps
Calcium	43-1	90357	90702	88595	89885	1.26	cps
Calcium	44-1	1521969	1538268	1544297	1534845	0.75	cps
Chromium	52-2	367	363	330	353	5.74	cps
Cobalt	59-2	170	183	137	163	14.72	cps
Copper	63-2	737	723	677	712	4.42	cps
Dysprosium	156-1	75	75	83	78	6.19	cps
Dysprosium	156-2	33	7	23	21	63.80	cps
Erbium	164-1	92	75	100	89	14.33	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	92	150	142	128	24.69	cps
Gadolinium	160-2	23	20	20	21	9.11	cps
Holmium	165-1	10474248	10491626	10416571	10460815	0.38	cps
Holmium	165-2	2329586	2340817	2173260	2281221	4.11	cps
Indium	115-1	8500642	8418242	8389227	8436037	0.69	cps
Indium	115-2	398762	402028	374584	391791	3.83	cps
Iron	56-2	16260	15782	16438	16160	2.10	cps
Iron	57-2	394	400	389	394	1.41	cps
Lead	206-1	661	556	589	602	8.97	cps
Lead	207-1	539	528	483	517	5.69	cps
Lead	208-1	2422	2311	2306	2346	2.81	cps
Lithium	6-1	1308202	1305733	1290571	1301502	0.73	cps
Magnesium	24-2	52005	53953	55099	53686	2.91	cps
Manganese	55-2	65204	65168	65037	65136	0.13	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:05:18	DataFile Name :	045SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	433	458	453	3.83	cps
Molybdenum	95-1	275	317	342	311	10.83	cps
Molybdenum	96-1	317	283	283	294	6.54	cps
Molybdenum	97-1	158	100	200	153	32.88	cps
Molybdenum	98-1	358	442	517	439	18.04	cps
Neodymium	150-1	113	127	113	118	6.53	cps
Neodymium	150-2	13	20	17	17	20.01	cps
Nickel	60-2	350	430	347	376	12.56	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3867	4151	3926	3981	3.76	cps
Rhodium	103-1	7585697	7567417	7619655	7590923	0.35	cps
Rhodium	103-2	2130378	2138079	1986215	2084891	4.10	cps
Scandium	45-1	4330947	4377908	4425643	4378166	1.08	cps
Scandium	45-2	37630	37370	35576	36859	3.03	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	-11	-42	-56	-36	-63.03	cps
Silicon	28-1	2424919	2343419	2330061	2366133	2.17	cps
Silver	109-1	492	500	417	469	9.78	cps
Silver	107-1	408	450	367	408	10.20	cps
Sodium	23-2	141851	142693	142152	142232	0.30	cps
Strontium	86-1	22520	22478	22394	22464	0.28	cps
Strontium	88-1	188696	187852	183965	186838	1.35	cps
Sulfur	34-1	390417	395217	395868	393834	0.76	cps
Terbium	159-1	10858788	10940662	10929495	10909648	0.41	cps
Terbium	159-2	2258290	2284747	2120965	2221334	3.96	cps
Thallium	203-1	125	183	158	156	18.81	cps
Thallium	205-1	392	300	425	372	17.39	cps
Tin	118-1	1550	1834	1458	1614	12.11	cps
Titanium	47-1	608	583	575	589	2.95	cps
Uranium	238-1	1442	1667	1425	1511	8.93	cps
Vanadium	51-2	193	170	193	186	7.26	cps
Yttrium	89-1	8521293	8520533	8527955	8523260	0.05	cps
Yttrium	89-2	286543	290748	268110	281800	4.27	cps
Zinc	66-2	167	143	103	138	23.25	cps
Zirconium	90-1	558	658	683	633	10.44	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:05:18	DataFile Name :	045SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	167	142	175	21.82	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:08:25	DataFile Name :	046SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	575	367	436	27.58	cps
Antimony	121-1	150	300	208	219	34.46	cps
Arsenic	75-2	7	20	9	12	56.77	cps
Barium	135-1	5268	6085	5868	5740	7.37	cps
Barium	137-1	9762	9837	11139	10246	7.55	cps
Beryllium	9-1	78	111	94	94	17.64	cps
Bismuth	209-1	6972407	6974547	6987436	6978130	0.12	cps
Bismuth	209-2	1867603	1858574	1856051	1860743	0.33	cps
Boron	10-1	9162	9036	9420	9206	2.13	cps
Boron	11-1	42681	41469	41845	41999	1.48	cps
Cadmium	111-1	1297	1155	1147	1200	7.05	cps
Cadmium	106-1	1800	1617	1609	1675	6.47	cps
Cadmium	108-1	13	8	0	7	91.66	cps
Calcium	43-1	113606	114564	115589	114586	0.87	cps
Calcium	44-1	1903592	1914930	1958016	1925513	1.49	cps
Chromium	52-2	567	557	570	564	1.23	cps
Cobalt	59-2	370	433	457	420	10.68	cps
Copper	63-2	1000	963	923	962	3.99	cps
Dysprosium	156-1	250	325	250	275	15.75	cps
Dysprosium	156-2	50	43	70	54	25.49	cps
Erbium	164-1	267	250	225	247	8.48	cps
Erbium	164-2	70	50	53	58	18.55	cps
Gadolinium	160-1	350	300	350	333	8.66	cps
Gadolinium	160-2	97	67	93	86	19.22	cps
Holmium	165-1	10508926	10539829	10461808	10503521	0.37	cps
Holmium	165-2	2356107	2343068	2313435	2337537	0.94	cps
Indium	115-1	8397255	8382702	8477123	8419027	0.60	cps
Indium	115-2	401365	397114	397376	398618	0.60	cps
Iron	56-2	81990	82038	82811	82280	0.56	cps
Iron	57-2	2034	1956	2317	2102	9.04	cps
Lead	206-1	961	950	950	954	0.67	cps
Lead	207-1	833	733	678	748	10.54	cps
Lead	208-1	3689	3417	3611	3573	3.93	cps
Lithium	6-1	1319354	1308833	1310169	1312785	0.44	cps
Magnesium	24-2	53920	54941	54957	54606	1.09	cps
Manganese	55-2	34907	35278	34703	34963	0.83	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:08:25	DataFile Name :	046SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	667	792	725	728	8.59	cps
Molybdenum	95-1	742	883	583	736	20.39	cps
Molybdenum	96-1	833	758	867	820	6.77	cps
Molybdenum	97-1	508	458	508	492	5.87	cps
Molybdenum	98-1	1125	1150	1050	1108	4.70	cps
Neodymium	150-1	227	353	340	307	22.70	cps
Neodymium	150-2	50	63	63	59	13.07	cps
Nickel	60-2	540	507	517	521	3.28	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	4626	4267	4409	4434	4.07	cps
Rhodium	103-1	7550099	7513707	7541492	7535099	0.25	cps
Rhodium	103-2	2128329	2132568	2096418	2119105	0.93	cps
Scandium	45-1	4379881	4344342	4360074	4361432	0.41	cps
Scandium	45-2	38326	37163	36955	37481	1.97	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-8	-3	39	9	286.25	cps
Silicon	28-1	2179073	2160133	2154758	2164655	0.59	cps
Silver	109-1	325	583	467	458	28.23	cps
Silver	107-1	533	517	475	508	5.91	cps
Sodium	23-2	166362	164245	164422	165010	0.71	cps
Strontium	86-1	35339	36115	34160	35205	2.80	cps
Strontium	88-1	309035	303678	302402	305039	1.15	cps
Sulfur	34-1	413557	409166	409082	410602	0.62	cps
Terbium	159-1	10869724	10953605	10831388	10884906	0.57	cps
Terbium	159-2	2272991	2271718	2258013	2267574	0.37	cps
Thallium	203-1	242	175	150	189	25.09	cps
Thallium	205-1	383	408	417	403	4.31	cps
Tin	118-1	1433	1475	1625	1511	6.67	cps
Titanium	47-1	1633	1800	1617	1684	6.02	cps
Uranium	238-1	1925	1867	1942	1911	2.06	cps
Vanadium	51-2	217	240	217	224	6.00	cps
Yttrium	89-1	8534833	8545037	8478029	8519300	0.42	cps
Yttrium	89-2	288729	287003	285255	286996	0.61	cps
Zinc	66-2	160	130	117	136	16.37	cps
Zirconium	90-1	933	917	983	945	3.67	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:08:25	DataFile Name :	046SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	333	175	233	37.28	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-18 17:11:32	DataFile Name :	047SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1375	1333	1333	1347	1.78	cps
Antimony	121-1	492	633	625	583	13.63	cps
Arsenic	75-2	31	7	22	20	59.60	cps
Barium	135-1	24566	25459	23630	24552	3.72	cps
Barium	137-1	43932	44702	41710	43448	3.58	cps
Beryllium	9-1	111	78	56	81	34.32	cps
Bismuth	209-1	7388351	7336092	6307998	7010813	8.69	cps
Bismuth	209-2	1906004	1898744	1928713	1911154	0.82	cps
Boron	10-1	6560	6810	6368	6580	3.37	cps
Boron	11-1	30124	31410	29715	30417	2.91	cps
Cadmium	111-1	1253	1434	896	1194	22.90	cps
Cadmium	106-1	1725	1984	1242	1650	22.82	cps
Cadmium	108-1	25	13	21	19	32.73	cps
Calcium	43-1	531804	527709	496604	518706	3.71	cps
Calcium	44-1	8693155	8681098	8115785	8496679	3.88	cps
Chromium	52-2	4464	4474	4321	4420	1.94	cps
Cobalt	59-2	750	723	707	727	3.01	cps
Copper	63-2	2520	2834	2774	2709	6.14	cps
Dysprosium	156-1	1233	1400	1275	1303	6.66	cps
Dysprosium	156-2	283	240	270	264	8.39	cps
Erbium	164-1	1183	1050	1150	1128	6.15	cps
Erbium	164-2	237	243	290	257	11.32	cps
Gadolinium	160-1	1200	1042	1083	1108	7.41	cps
Gadolinium	160-2	330	367	353	350	5.30	cps
Holmium	165-1	11206526	11138366	9515831	10620241	9.01	cps
Holmium	165-2	2365727	2394861	2402914	2387834	0.82	cps
Indium	115-1	8851105	8793155	7615339	8419866	8.28	cps
Indium	115-2	397519	398972	404270	400254	0.89	cps
Iron	56-2	222145	221720	220390	221418	0.41	cps
Iron	57-2	5863	5668	5557	5696	2.72	cps
Lead	206-1	5946	5824	6224	5998	3.42	cps
Lead	207-1	5529	5496	4862	5296	7.10	cps
Lead	208-1	24360	23820	22820	23667	3.30	cps
Lithium	6-1	1421064	1378260	1199160	1332828	8.83	cps
Magnesium	24-2	189075	190637	189918	189876	0.41	cps
Manganese	55-2	32555	32869	32157	32527	1.10	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-18 17:11:32	DataFile Name :	047SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2317	2484	2134	2311	7.58	cps
Molybdenum	95-1	2325	2384	1975	2228	9.92	cps
Molybdenum	96-1	2250	2592	2392	2411	7.12	cps
Molybdenum	97-1	1367	1233	1367	1322	5.82	cps
Molybdenum	98-1	3559	3451	3592	3534	2.10	cps
Neodymium	150-1	1820	1854	1847	1840	0.96	cps
Neodymium	150-2	270	263	257	263	2.53	cps
Nickel	60-2	2390	2210	2314	2305	3.92	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	13315	13048	13040	13135	1.19	cps
Rhodium	103-1	7889054	7807235	6738800	7478363	8.58	cps
Rhodium	103-2	2132246	2126358	2128157	2128920	0.14	cps
Scandium	45-1	4557129	4491008	3970218	4339451	7.41	cps
Scandium	45-2	37403	36528	37550	37160	1.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	6	4	5	21.74	cps
Selenium	82-1	-27	-45	-7	-26	-73.04	cps
Silicon	28-1	10699778	10736512	10074936	10503742	3.54	cps
Silver	109-1	3634	3842	4209	3895	7.48	cps
Silver	107-1	3876	4101	4936	4304	12.98	cps
Sodium	23-2	512497	517439	519595	516510	0.70	cps
Strontium	86-1	193112	191753	179161	188009	4.09	cps
Strontium	88-1	1693826	1699759	1602698	1665428	3.27	cps
Sulfur	34-1	429133	424966	413638	422579	1.90	cps
Terbium	159-1	11455067	11630704	9942618	11009463	8.43	cps
Terbium	159-2	2323065	2334821	2298072	2318653	0.81	cps
Thallium	203-1	183	175	167	175	4.76	cps
Thallium	205-1	558	583	458	533	12.40	cps
Tin	118-1	1242	1300	1267	1270	2.31	cps
Titanium	47-1	12567	8788	8336	9897	23.47	cps
Uranium	238-1	3017	3034	2975	3009	1.00	cps
Vanadium	51-2	620	573	577	590	4.41	cps
Yttrium	89-1	9018938	8902183	7710113	8543745	8.48	cps
Yttrium	89-2	287403	287455	288836	287898	0.28	cps
Zinc	66-2	1363	1400	1407	1390	1.68	cps
Zirconium	90-1	2975	3075	2584	2878	9.03	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MBDYW0	Dilution Factor :	2
Date & Time Acquired ::	2017-12-18 17:11:32	DataFile Name :	047SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	900	625	658	728	20.62	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6803-18DLX20 Instrumnet Name : P8
 Client Sample ID : MBDZ07 Dilution Factor : 20
 Date & Time Acquired :: 2017-12-18 17:14:38 DataFile Name : 048SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	267	183	214	21.46	cps
Antimony	121-1	175	125	192	164	21.17	cps
Arsenic	75-2	6	2	6	4	49.54	cps
Barium	135-1	4109	3767	3851	3909	4.56	cps
Barium	137-1	6952	6919	6702	6858	1.98	cps
Beryllium	9-1	83	89	144	106	32.01	cps
Bismuth	209-1	7139321	6984649	7055593	7059854	1.10	cps
Bismuth	209-2	1886008	1878345	1878386	1880913	0.23	cps
Boron	10-1	10079	10454	11005	10513	4.43	cps
Boron	11-1	48023	49595	48382	48667	1.69	cps
Cadmium	111-1	1122	1279	977	1126	13.42	cps
Cadmium	106-1	1583	1809	1367	1586	13.92	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	96381	97916	98251	97516	1.02	cps
Calcium	44-1	1659167	1659282	1657966	1658805	0.04	cps
Chromium	52-2	397	493	483	458	11.61	cps
Cobalt	59-2	207	257	217	227	11.67	cps
Copper	63-2	740	573	657	657	12.69	cps
Dysprosium	156-1	75	108	50	78	37.63	cps
Dysprosium	156-2	17	10	17	14	26.66	cps
Erbium	164-1	100	142	92	111	24.11	cps
Erbium	164-2	20	23	13	19	26.96	cps
Gadolinium	160-1	142	125	92	119	21.31	cps
Gadolinium	160-2	17	20	27	21	24.12	cps
Holmium	165-1	10556443	10537173	10536088	10543234	0.11	cps
Holmium	165-2	2360955	2348966	2337150	2349024	0.51	cps
Indium	115-1	8406191	8353731	8309523	8356482	0.58	cps
Indium	115-2	398580	397062	396155	397266	0.31	cps
Iron	56-2	25296	26181	25657	25711	1.73	cps
Iron	57-2	589	833	644	689	18.61	cps
Lead	206-1	739	772	800	770	3.97	cps
Lead	207-1	672	750	683	702	5.99	cps
Lead	208-1	3117	3128	3161	3135	0.74	cps
Lithium	6-1	1337741	1295928	1290822	1308164	1.97	cps
Magnesium	24-2	52440	53184	52330	52651	0.88	cps
Manganese	55-2	76243	77188	76226	76553	0.72	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:14:38	DataFile Name :	048SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	525	567	478	25.05	cps
Molybdenum	95-1	433	400	475	436	8.62	cps
Molybdenum	96-1	517	467	600	528	12.76	cps
Molybdenum	97-1	325	375	250	317	19.87	cps
Molybdenum	98-1	758	692	917	789	14.65	cps
Neodymium	150-1	40	93	80	71	39.03	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	373	507	447	442	15.10	cps
Phosphorus	31-2	0	25	17	14	91.65	cps
Potassium	39-2	3751	3659	3726	3712	1.28	cps
Rhodium	103-1	7578542	7558278	7517989	7551603	0.41	cps
Rhodium	103-2	2149151	2131247	2113004	2131134	0.85	cps
Scandium	45-1	4297414	4309363	4363646	4323474	0.82	cps
Scandium	45-2	37651	37453	37604	37569	0.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	-40	-11	17	-12	-246.92	cps
Silicon	28-1	2220199	2242039	2234480	2232240	0.50	cps
Silver	109-1	550	317	417	428	27.37	cps
Silver	107-1	433	525	475	478	9.61	cps
Sodium	23-2	173193	174549	171267	173003	0.95	cps
Strontium	86-1	29357	29123	28756	29079	1.04	cps
Strontium	88-1	248845	248165	249257	248756	0.22	cps
Sulfur	34-1	387281	386477	384397	386052	0.39	cps
Terbium	159-1	10929418	10987708	10984011	10967046	0.30	cps
Terbium	159-2	2278417	2251550	2264305	2264757	0.59	cps
Thallium	203-1	158	133	108	133	18.75	cps
Thallium	205-1	392	275	358	342	17.59	cps
Tin	118-1	1625	1692	1584	1634	3.35	cps
Titanium	47-1	508	525	483	506	4.15	cps
Uranium	238-1	2434	2100	2000	2178	10.42	cps
Vanadium	51-2	60	70	67	66	7.77	cps
Yttrium	89-1	8494589	8504813	8483714	8494372	0.12	cps
Yttrium	89-2	286255	287525	285865	286548	0.30	cps
Zinc	66-2	370	357	413	380	7.80	cps
Zirconium	90-1	525	500	633	553	12.82	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDZ07	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 17:14:38	DataFile Name :	048SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	108	92	122	32.22	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P8
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:23:12	DataFile Name :	050CCV_P8121817MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275780	273053	277359	275397	0.79	cps
Antimony	121-1	3993854	4044261	4039311	4025809	0.69	cps
Arsenic	75-2	47918	48884	48109	48304	1.06	cps
Barium	135-1	4270939	4301920	4297009	4289956	0.39	cps
Barium	137-1	7388922	7305738	7363184	7352615	0.58	cps
Beryllium	9-1	458128	460012	461804	459982	0.40	cps
Bismuth	209-1	6358351	6388938	6317687	6354992	0.56	cps
Bismuth	209-2	1756794	1724617	1695286	1725566	1.78	cps
Boron	10-1	53885	54061	56421	54789	2.58	cps
Boron	11-1	254240	258302	260491	257677	1.23	cps
Cadmium	111-1	802665	809064	803698	805142	0.43	cps
Cadmium	106-1	83592	86016	86468	85358	1.81	cps
Cadmium	108-1	57694	57899	58108	57900	0.36	cps
Calcium	43-1	3992279	4013840	4001909	4002676	0.27	cps
Calcium	44-1	64792893	64691614	65205576	64896695	0.42	cps
Chromium	52-2	365921	365587	366190	365899	0.08	cps
Cobalt	59-2	758605	754420	760931	757985	0.44	cps
Copper	63-2	1267147	1261977	1270891	1266672	0.35	cps
Dysprosium	156-1	42	42	83	56	43.30	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	75	50	50	58	24.74	cps
Erbium	164-2	17	0	17	11	86.60	cps
Gadolinium	160-1	67	108	100	92	24.05	cps
Gadolinium	160-2	27	3	17	16	75.27	cps
Holmium	165-1	10210465	10132466	10296268	10213066	0.80	cps
Holmium	165-2	2364046	2308790	2353971	2342269	1.26	cps
Indium	115-1	7985136	8010207	8008145	8001163	0.17	cps
Indium	115-2	393875	392112	391339	392442	0.33	cps
Iron	56-2	61004318	60704147	61453447	61053971	0.62	cps
Iron	57-2	1568079	1575554	1568606	1570746	0.27	cps
Lead	206-1	2551717	2543595	2558266	2551193	0.29	cps
Lead	207-1	2327689	2325236	2334328	2329084	0.20	cps
Lead	208-1	10342432	10316962	10341927	10333774	0.14	cps
Lithium	6-1	1256259	1249824	1259157	1255080	0.38	cps
Magnesium	24-2	6239811	6210988	6181185	6210661	0.47	cps
Manganese	55-2	220156	219709	218425	219430	0.41	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P8
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:23:12	DataFile Name :	050CCV_P8121817MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6642215	6661228	6668224	6657222	0.20	cps
Molybdenum	95-1	8132650	8126831	8169155	8142879	0.28	cps
Molybdenum	96-1	9028064	9060737	9150754	9079852	0.70	cps
Molybdenum	97-1	5172816	5160630	5183439	5172295	0.22	cps
Molybdenum	98-1	13035341	13046584	13091614	13057846	0.23	cps
Neodymium	150-1	187	267	273	242	19.91	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	217382	217186	217413	217327	0.06	cps
Phosphorus	31-2	3867	4017	4184	4023	3.94	cps
Potassium	39-2	1976792	1965208	1999742	1980581	0.89	cps
Rhodium	103-1	7114001	7108580	7128646	7117076	0.15	cps
Rhodium	103-2	2047825	2010478	2012063	2023455	1.04	cps
Scandium	45-1	4419979	4430610	4466821	4439137	0.55	cps
Scandium	45-2	39920	39997	39910	39942	0.12	cps
Selenium	77-2	323	333	327	328	1.55	cps
Selenium	78-2	1145	1063	1209	1139	6.44	cps
Selenium	82-1	49934	50632	50273	50280	0.69	cps
Silicon	28-1	1692563	1693849	1715969	1700794	0.77	cps
Silver	109-1	3876207	3911131	3880262	3889200	0.49	cps
Silver	107-1	4006832	4035465	4046548	4029615	0.51	cps
Sodium	23-2	14638894	14524040	14600411	14587782	0.40	cps
Strontium	86-1	1066700	1070385	1075671	1070919	0.42	cps
Strontium	88-1	9278926	9317641	9284197	9293588	0.23	cps
Sulfur	34-1	586150	588430	589685	588089	0.30	cps
Terbium	159-1	10592020	10566901	10624039	10594320	0.27	cps
Terbium	159-2	2295200	2245938	2224059	2255066	1.62	cps
Thallium	203-1	3116814	3114885	3118499	3116732	0.06	cps
Thallium	205-1	7234015	7278861	7359990	7290955	0.88	cps
Tin	118-1	2746142	2742399	2764279	2750940	0.43	cps
Titanium	47-1	2050234	2053678	2039377	2047763	0.36	cps
Uranium	238-1	10027912	10096542	10076452	10066969	0.35	cps
Vanadium	51-2	277037	278191	280627	278618	0.66	cps
Yttrium	89-1	8559021	8464716	8496711	8506816	0.56	cps
Yttrium	89-2	300399	299013	300010	299807	0.24	cps
Zinc	66-2	120010	120317	120185	120170	0.13	cps
Zirconium	90-1	5632164	5607008	5641609	5626927	0.32	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV077	Instrumnet Name :	P8
Client Sample ID :	CCV077	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:23:12	DataFile Name :	050CCV_P8121817MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1243393	1241335	1252258	1245662	0.47	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P8
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:26:49	DataFile Name :	051CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	50	31	56.77	cps
Antimony	121-1	1492	1842	1875	1736	12.23	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	33	42	50	42	20.00	cps
Barium	137-1	75	75	108	86	22.35	cps
Beryllium	9-1	417	567	472	485	15.63	cps
Bismuth	209-1	6510448	6549984	6670988	6577140	1.27	cps
Bismuth	209-2	1850383	1860254	1863426	1858021	0.37	cps
Boron	10-1	3142	3242	3259	3214	1.96	cps
Boron	11-1	16143	14742	15526	15470	4.54	cps
Cadmium	111-1	1268	1267	1161	1232	5.00	cps
Cadmium	106-1	1725	1692	1533	1650	6.21	cps
Cadmium	108-1	21	13	0	11	94.37	cps
Calcium	43-1	950	1067	1025	1014	5.83	cps
Calcium	44-1	17845	18446	18388	18226	1.82	cps
Chromium	52-2	353	307	357	339	8.25	cps
Cobalt	59-2	77	67	50	64	20.91	cps
Copper	63-2	323	280	210	271	21.09	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	25	31	31.50	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	50	67	67	61	15.75	cps
Gadolinium	160-2	3	13	10	9	57.30	cps
Holmium	165-1	9847819	9913476	10035119	9932138	0.96	cps
Holmium	165-2	2341452	2306143	2318751	2322116	0.77	cps
Indium	115-1	8193708	8162576	8179678	8178654	0.19	cps
Indium	115-2	409478	411458	408950	409962	0.32	cps
Iron	56-2	3484	3584	3078	3382	7.92	cps
Iron	57-2	100	128	72	100	27.78	cps
Lead	206-1	428	461	517	469	9.58	cps
Lead	207-1	433	428	361	407	9.86	cps
Lead	208-1	1783	1989	1867	1880	5.50	cps
Lithium	6-1	1281930	1286857	1286417	1285068	0.21	cps
Magnesium	24-2	433	408	383	408	6.12	cps
Manganese	55-2	40	40	37	39	4.94	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P8
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:26:49	DataFile Name :	051CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	533	550	525	5.72	cps
Molybdenum	95-1	508	375	375	419	18.35	cps
Molybdenum	96-1	567	508	492	522	7.54	cps
Molybdenum	97-1	317	375	350	347	8.43	cps
Molybdenum	98-1	675	600	617	631	6.25	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	330	253	303	296	13.17	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	3067	2967	2950	2995	2.11	cps
Rhodium	103-1	7576411	7477848	7545649	7533303	0.67	cps
Rhodium	103-2	2161987	2141385	2153843	2152405	0.48	cps
Scandium	45-1	4462484	4439386	4441453	4447774	0.29	cps
Scandium	45-2	39669	39676	39455	39600	0.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	25	-19	-66	-20	-223.93	cps
Silicon	28-1	370000	373765	377242	373669	0.97	cps
Silver	109-1	2150	2175	2200	2175	1.15	cps
Silver	107-1	2459	2234	2300	2331	4.96	cps
Sodium	23-2	23946	23729	24597	24091	1.88	cps
Strontium	86-1	517	600	600	572	8.41	cps
Strontium	88-1	117	133	92	114	18.41	cps
Sulfur	34-1	360725	358908	356866	358833	0.54	cps
Terbium	159-1	10247109	10449773	10514052	10403645	1.34	cps
Terbium	159-2	2265841	2232426	2266125	2254797	0.86	cps
Thallium	203-1	800	900	683	795	13.65	cps
Thallium	205-1	2159	2059	1775	1997	9.96	cps
Tin	118-1	1133	1183	1142	1153	2.32	cps
Titanium	47-1	192	167	133	164	17.86	cps
Uranium	238-1	67	100	125	97	30.10	cps
Vanadium	51-2	10	7	3	7	50.03	cps
Yttrium	89-1	8459437	8436917	8448394	8448249	0.13	cps
Yttrium	89-2	300377	300244	299614	300078	0.14	cps
Zinc	66-2	30	33	17	27	33.06	cps
Zirconium	90-1	733	800	625	719	12.28	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB077	Instrumnet Name :	P8
Client Sample ID :	CCB077	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:26:49	DataFile Name :	051CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	133	158	153	11.36	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105126BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:29:57	DataFile Name :	052CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	0	8	100.02	cps
Antimony	121-1	733	817	875	808	8.81	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	50	17	50	39	49.48	cps
Barium	137-1	25	25	8	19	49.50	cps
Beryllium	9-1	394	306	272	324	19.50	cps
Bismuth	209-1	6646470	6553747	6659311	6619843	0.87	cps
Bismuth	209-2	1857636	1862709	1870187	1863511	0.34	cps
Boron	10-1	2334	2484	2392	2403	3.15	cps
Boron	11-1	11872	11096	10504	11158	6.15	cps
Cadmium	111-1	1216	1067	1117	1133	6.66	cps
Cadmium	106-1	1675	1475	1567	1572	6.37	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	942	867	1250	1020	19.93	cps
Calcium	44-1	18188	18496	18621	18435	1.21	cps
Chromium	52-2	313	313	283	303	5.71	cps
Cobalt	59-2	70	83	100	84	17.80	cps
Copper	63-2	357	277	287	307	14.22	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	0	0	13	4	173.21	cps
Gadolinium	160-1	100	33	75	69	48.50	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	10053758	9977286	10097168	10042738	0.60	cps
Holmium	165-2	2325529	2311542	2338811	2325294	0.59	cps
Indium	115-1	8176321	8266974	8198989	8214095	0.57	cps
Indium	115-2	414443	411574	410639	412219	0.48	cps
Iron	56-2	2734	2578	2617	2643	3.06	cps
Iron	57-2	50	39	61	50	22.22	cps
Lead	206-1	317	372	328	339	8.68	cps
Lead	207-1	372	256	372	333	20.21	cps
Lead	208-1	1600	1400	1461	1487	6.89	cps
Lithium	6-1	1306508	1297346	1284048	1295967	0.87	cps
Magnesium	24-2	425	517	458	467	9.94	cps
Manganese	55-2	7	27	60	31	86.59	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105126BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:29:57	DataFile Name :	052CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367	300	317	328	10.59	cps
Molybdenum	95-1	200	242	158	200	20.83	cps
Molybdenum	96-1	167	233	183	194	17.84	cps
Molybdenum	97-1	125	92	217	144	44.81	cps
Molybdenum	98-1	175	267	292	244	25.13	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	290	343	287	307	10.37	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2909	2767	2967	2881	3.57	cps
Rhodium	103-1	7496096	7589343	7531506	7538981	0.62	cps
Rhodium	103-2	2157892	2167237	2140439	2155189	0.63	cps
Scandium	45-1	4422667	4485522	4432489	4446893	0.76	cps
Scandium	45-2	39900	39836	40204	39980	0.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-23	-28	46	-2	-2501.79	cps
Silicon	28-1	373045	368455	372052	371184	0.65	cps
Silver	109-1	1325	1225	1183	1245	5.85	cps
Silver	107-1	1508	1208	1233	1317	12.64	cps
Sodium	23-2	23120	22895	23403	23139	1.10	cps
Strontium	86-1	608	558	608	592	4.88	cps
Strontium	88-1	125	133	50	103	44.66	cps
Sulfur	34-1	358633	359127	362153	359971	0.53	cps
Terbium	159-1	10439002	10433594	10449675	10440757	0.08	cps
Terbium	159-2	2248762	2287252	2241964	2259326	1.08	cps
Thallium	203-1	517	558	508	528	5.08	cps
Thallium	205-1	1342	1375	1100	1272	11.80	cps
Tin	118-1	1225	1342	1183	1250	6.57	cps
Titanium	47-1	250	192	150	197	25.47	cps
Uranium	238-1	33	67	67	56	34.63	cps
Vanadium	51-2	10	10	7	9	21.63	cps
Yttrium	89-1	8565209	8530698	8553307	8549738	0.21	cps
Yttrium	89-2	303349	302565	304081	303332	0.25	cps
Zinc	66-2	17	17	3	12	63.01	cps
Zirconium	90-1	683	575	725	661	11.71	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105126BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:29:57	DataFile Name :	052CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	92	125	133	34.80	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105126BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:33:04	DataFile Name :	053LCSE_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	158	258	197	27.17	cps
Antimony	121-1	29717	30528	30377	30207	1.43	cps
Arsenic	75-2	204	209	167	193	11.98	cps
Barium	135-1	30536	31514	30820	30957	1.62	cps
Barium	137-1	54698	55141	55309	55049	0.57	cps
Beryllium	9-1	2172	2095	1906	2058	6.67	cps
Bismuth	209-1	6619870	6641072	6555828	6605590	0.67	cps
Bismuth	209-2	1866277	1862278	1639221	1789259	7.26	cps
Boron	10-1	6343	6368	6518	6410	1.48	cps
Boron	11-1	29473	30859	30750	30361	2.54	cps
Cadmium	111-1	4330	4152	4353	4278	2.57	cps
Cadmium	106-1	1850	1959	1967	1925	3.38	cps
Cadmium	108-1	183	254	238	225	16.46	cps
Calcium	43-1	15918	15676	15918	15837	0.88	cps
Calcium	44-1	263537	259863	263166	262189	0.77	cps
Chromium	52-2	3150	3370	3340	3287	3.63	cps
Cobalt	59-2	3134	3297	3064	3165	3.78	cps
Copper	63-2	5428	5431	5388	5416	0.45	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	75	67	64	19.92	cps
Erbium	164-2	3	30	7	13	108.98	cps
Gadolinium	160-1	25	42	67	44	47.19	cps
Gadolinium	160-2	23	10	7	13	66.12	cps
Holmium	165-1	10114845	10001283	10081352	10065826	0.58	cps
Holmium	165-2	2346924	2373943	2061943	2260937	7.65	cps
Indium	115-1	8268884	8300849	8212177	8260637	0.54	cps
Indium	115-2	409764	413700	366736	396733	6.57	cps
Iron	56-2	228644	229534	231704	229961	0.68	cps
Iron	57-2	5935	5551	5557	5681	3.87	cps
Lead	206-1	10377	9921	10054	10117	2.32	cps
Lead	207-1	8614	8648	8692	8651	0.45	cps
Lead	208-1	40888	40126	40042	40352	1.15	cps
Lithium	6-1	1281287	1294624	1315992	1297301	1.35	cps
Magnesium	24-2	24363	23913	25298	24525	2.88	cps
Manganese	55-2	500	433	460	464	7.22	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105126BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:33:04	DataFile Name :	053LCSE_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25600	25650	24874	25375	1.71	cps
Molybdenum	95-1	30469	30719	31036	30741	0.93	cps
Molybdenum	96-1	34562	33450	33969	33993	1.64	cps
Molybdenum	97-1	18630	19364	19089	19028	1.95	cps
Molybdenum	98-1	49534	49324	48848	49235	0.71	cps
Neodymium	150-1	33	0	7	13	132.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1200	1260	1190	1217	3.11	cps
Phosphorus	31-2	8	17	33	19	65.47	cps
Potassium	39-2	18146	17870	17336	17784	2.31	cps
Rhodium	103-1	7543006	7566185	7588820	7566004	0.30	cps
Rhodium	103-2	2161188	2152890	1917061	2077046	6.67	cps
Scandium	45-1	4456191	4440194	4443859	4446748	0.19	cps
Scandium	45-2	41033	40405	35396	38945	7.93	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	24	26	17	22	22.04	cps
Selenium	82-1	969	962	937	956	1.76	cps
Silicon	28-1	464404	459807	463091	462434	0.51	cps
Silver	109-1	13157	14383	14550	14030	5.42	cps
Silver	107-1	14634	14634	14667	14645	0.13	cps
Sodium	23-2	77838	77813	78718	78123	0.66	cps
Strontium	86-1	4759	4468	4809	4679	3.95	cps
Strontium	88-1	35405	36015	34645	35355	1.94	cps
Sulfur	34-1	359423	359256	359099	359260	0.05	cps
Terbium	159-1	10573516	10364851	10401839	10446735	1.07	cps
Terbium	159-2	2279798	2269674	2029166	2192879	6.47	cps
Thallium	203-1	12432	12248	11973	12218	1.89	cps
Thallium	205-1	28934	28926	28942	28934	0.03	cps
Tin	118-1	50580	51977	51559	51372	1.40	cps
Titanium	47-1	8186	7511	7402	7700	5.52	cps
Uranium	238-1	35970	36421	36731	36374	1.05	cps
Vanadium	51-2	5051	5204	5231	5162	1.88	cps
Yttrium	89-1	8487424	8476292	8506777	8490165	0.18	cps
Yttrium	89-2	303046	304493	268651	292063	6.95	cps
Zinc	66-2	583	583	583	583	0.00	cps
Zirconium	90-1	22386	22494	22904	22595	1.21	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	PB105126BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:33:04	DataFile Name :	053LCSE_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4851	4776	5268	4965	5.34	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-01	Instrumnet Name :	P8
Client Sample ID :	MBDYX0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:36:12	DataFile Name :	054SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5251	5276	5135	5221	1.45	cps
Antimony	121-1	2200	2175	2300	2225	2.97	cps
Arsenic	75-2	150	172	150	157	8.15	cps
Barium	135-1	92113	92833	92832	92592	0.45	cps
Barium	137-1	162376	162045	162264	162228	0.10	cps
Beryllium	9-1	278	233	294	269	11.77	cps
Bismuth	209-1	7189016	7165580	7212206	7188934	0.32	cps
Bismuth	209-2	1941102	1968980	1951498	1953860	0.72	cps
Boron	10-1	109467	110717	111640	110608	0.99	cps
Boron	11-1	512788	521326	526332	520149	1.32	cps
Cadmium	111-1	1346	1358	1404	1369	2.26	cps
Cadmium	106-1	1792	1767	1842	1800	2.12	cps
Cadmium	108-1	13	17	8	13	33.36	cps
Calcium	43-1	2153367	2148031	2139662	2147020	0.32	cps
Calcium	44-1	34904880	34912023	34601071	34805991	0.51	cps
Chromium	52-2	4791	4327	4424	4514	5.42	cps
Cobalt	59-2	4217	4237	4287	4247	0.85	cps
Copper	63-2	4748	4494	4337	4526	4.57	cps
Dysprosium	156-1	1909	1817	1975	1900	4.18	cps
Dysprosium	156-2	377	460	363	400	13.10	cps
Erbium	164-1	1709	1559	1383	1550	10.49	cps
Erbium	164-2	263	327	327	306	11.97	cps
Gadolinium	160-1	1909	1900	1625	1811	8.90	cps
Gadolinium	160-2	533	457	533	508	8.72	cps
Holmium	165-1	11130574	11239322	11265465	11211787	0.64	cps
Holmium	165-2	2508775	2511827	2544371	2521658	0.78	cps
Indium	115-1	8991343	8942235	8998921	8977500	0.34	cps
Indium	115-2	429208	423547	423613	425456	0.76	cps
Iron	56-2	828228	826011	809871	821370	1.22	cps
Iron	57-2	20810	21345	20499	20885	2.05	cps
Lead	206-1	7369	7319	7603	7430	2.04	cps
Lead	207-1	6702	6357	6052	6370	5.11	cps
Lead	208-1	29614	28869	29545	29343	1.40	cps
Lithium	6-1	1419317	1403499	1382981	1401932	1.30	cps
Magnesium	24-2	1077855	1064074	1051540	1064490	1.24	cps
Manganese	55-2	263111	261713	258939	261254	0.81	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-01	Instrumnet Name :	P8
Client Sample ID :	MBDYX0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:36:12	DataFile Name :	054SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17888	12999	13207	14698	18.81	cps
Molybdenum	95-1	18789	19281	19799	19290	2.62	cps
Molybdenum	96-1	21911	21017	19949	20959	4.69	cps
Molybdenum	97-1	11656	12248	11797	11900	2.60	cps
Molybdenum	98-1	30636	30878	30969	30828	0.56	cps
Neodymium	150-1	2600	2440	2247	2429	7.28	cps
Neodymium	150-2	347	367	330	348	5.28	cps
Nickel	60-2	2834	2904	3070	2936	4.14	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	38479	38922	36532	37977	3.35	cps
Rhodium	103-1	8095498	7970539	7965828	8010622	0.92	cps
Rhodium	103-2	2244220	2231377	2249789	2241795	0.42	cps
Scandium	45-1	4905714	4803883	4771609	4827069	1.45	cps
Scandium	45-2	40545	40465	40137	40383	0.54	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	11	-87	-51	-42	-116.31	cps
Silicon	28-1	39477474	38461762	38205925	38715054	1.74	cps
Silver	109-1	12390	12515	11464	12123	4.74	cps
Silver	107-1	12790	12523	12323	12545	1.87	cps
Sodium	23-2	1669675	1682174	1655865	1669238	0.79	cps
Strontium	86-1	512953	502381	504141	506492	1.12	cps
Strontium	88-1	4518091	4433990	4457388	4469823	0.97	cps
Sulfur	34-1	797667	796379	789678	794575	0.54	cps
Terbium	159-1	11748807	11480164	11550783	11593251	1.20	cps
Terbium	159-2	2439576	2451300	2423477	2438118	0.57	cps
Thallium	203-1	917	1042	833	931	11.27	cps
Thallium	205-1	2350	1917	1950	2072	11.64	cps
Tin	118-1	1275	1117	1050	1147	10.07	cps
Titanium	47-1	28203	28719	26007	27643	5.21	cps
Uranium	238-1	46631	47333	46412	46792	1.03	cps
Vanadium	51-2	2370	2444	2440	2418	1.71	cps
Yttrium	89-1	9378994	9240538	9311394	9310309	0.74	cps
Yttrium	89-2	314449	313778	309286	312504	0.90	cps
Zinc	66-2	913	793	770	826	9.32	cps
Zirconium	90-1	6671	6295	6310	6425	3.31	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-01	Instrumnet Name :	P8
Client Sample ID :	MBDYX0	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:36:12	DataFile Name :	054SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1450	1409	1551	1470	4.97	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-02 Instrumnet Name : P8
 Client Sample ID : MBDYX1 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 17:39:19 DataFile Name : 055SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	517	383	431	17.35	cps
Antimony	121-1	1659	1950	1759	1789	8.29	cps
Arsenic	75-2	1400	1346	1339	1362	2.45	cps
Barium	135-1	254236	254546	252126	253636	0.52	cps
Barium	137-1	449654	438597	440129	442793	1.35	cps
Beryllium	9-1	172	178	183	178	3.12	cps
Bismuth	209-1	7138180	7133288	7023784	7098417	0.91	cps
Bismuth	209-2	1922660	1882924	1910616	1905400	1.07	cps
Boron	10-1	38795	40383	38419	39199	2.66	cps
Boron	11-1	178429	181575	181449	180485	0.99	cps
Cadmium	111-1	1368	1304	1415	1363	4.09	cps
Cadmium	106-1	1817	1692	1925	1811	6.45	cps
Cadmium	108-1	17	25	17	19	24.73	cps
Calcium	43-1	2713644	2699469	2695713	2702942	0.35	cps
Calcium	44-1	43488924	43587807	43391862	43489531	0.23	cps
Chromium	52-2	1300	1333	1397	1343	3.66	cps
Cobalt	59-2	10871	10591	10961	10808	1.79	cps
Copper	63-2	4477	4371	4377	4409	1.36	cps
Dysprosium	156-1	500	425	675	534	24.09	cps
Dysprosium	156-2	80	107	140	109	27.61	cps
Erbium	164-1	558	408	508	492	15.53	cps
Erbium	164-2	107	120	103	110	8.01	cps
Gadolinium	160-1	500	517	525	514	2.48	cps
Gadolinium	160-2	167	137	100	134	24.84	cps
Holmium	165-1	11200582	11277596	11183249	11220476	0.45	cps
Holmium	165-2	2508954	2478273	2502423	2496550	0.65	cps
Indium	115-1	8877920	8727974	8764180	8790025	0.89	cps
Indium	115-2	415065	413634	419870	416190	0.78	cps
Iron	56-2	17233283	17118490	17498701	17283491	1.13	cps
Iron	57-2	432640	427743	434224	431536	0.78	cps
Lead	206-1	1028	1233	1067	1109	9.84	cps
Lead	207-1	872	967	900	913	5.32	cps
Lead	208-1	4039	4373	3978	4130	5.14	cps
Lithium	6-1	1344808	1351893	1326919	1341207	0.96	cps
Magnesium	24-2	1639414	1633011	1656020	1642815	0.72	cps
Manganese	55-2	2543221	2522938	2589363	2551840	1.33	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-02	Instrumnet Name :	P8
Client Sample ID :	MBDYX1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:39:19	DataFile Name :	055SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3526	3342	3517	3462	2.99	cps
Molybdenum	95-1	4918	4834	5085	4946	2.58	cps
Molybdenum	96-1	5952	5418	5343	5571	5.96	cps
Molybdenum	97-1	3051	2892	2975	2973	2.67	cps
Molybdenum	98-1	7778	7486	7402	7555	2.61	cps
Neodymium	150-1	620	607	487	571	12.86	cps
Neodymium	150-2	107	87	70	88	20.92	cps
Nickel	60-2	2067	2010	2130	2069	2.90	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	27369	26559	27043	26991	1.51	cps
Rhodium	103-1	7906341	7831249	7761358	7832983	0.93	cps
Rhodium	103-2	2173145	2183328	2219096	2191856	1.10	cps
Scandium	45-1	4697715	4686259	4662430	4682135	0.38	cps
Scandium	45-2	40819	39549	40472	40280	1.63	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-86	-44	-89	-73	-34.56	cps
Silicon	28-1	36907452	36612904	36494076	36671477	0.58	cps
Silver	109-1	45378	51441	54703	50507	9.37	cps
Silver	107-1	47201	51357	58185	52248	10.62	cps
Sodium	23-2	9939359	9924664	10168551	10010858	1.37	cps
Strontium	86-1	1008557	1007550	1004609	1006906	0.20	cps
Strontium	88-1	8807674	8791056	8686843	8761858	0.75	cps
Sulfur	34-1	378293	376406	378561	377753	0.31	cps
Terbium	159-1	11697549	11637208	11531456	11622071	0.72	cps
Terbium	159-2	2404200	2420582	2440745	2421842	0.76	cps
Thallium	203-1	333	467	383	394	17.08	cps
Thallium	205-1	992	958	917	956	3.93	cps
Tin	118-1	1283	1325	1333	1314	2.04	cps
Titanium	47-1	2034	2334	2234	2200	6.94	cps
Uranium	238-1	16061	16887	16019	16322	3.00	cps
Vanadium	51-2	160	240	257	219	23.61	cps
Yttrium	89-1	9120782	9136809	9079443	9112345	0.32	cps
Yttrium	89-2	307236	305235	309471	307314	0.69	cps
Zinc	66-2	1217	1140	1383	1247	9.98	cps
Zirconium	90-1	1650	1392	1458	1500	8.94	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-02	Instrumnet Name :	P8
Client Sample ID :	MBDYX1	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:39:19	DataFile Name :	055SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	383	333	361	7.05	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03	Instrumnet Name :	P8
Client Sample ID :	MBDYX7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:42:23	DataFile Name :	056SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	375	242	308	21.62	cps
Antimony	121-1	1092	1342	1283	1239	10.56	cps
Arsenic	75-2	59	57	50	56	8.82	cps
Barium	135-1	69558	69827	69533	69639	0.23	cps
Barium	137-1	120377	121882	119680	120646	0.93	cps
Beryllium	9-1	222	100	161	161	37.93	cps
Bismuth	209-1	6940809	6987259	7181373	7036480	1.81	cps
Bismuth	209-2	1966549	1945670	1949982	1954067	0.56	cps
Boron	10-1	204156	206617	210745	207172	1.61	cps
Boron	11-1	975613	973630	993788	981010	1.13	cps
Cadmium	111-1	1282	1344	1292	1306	2.56	cps
Cadmium	106-1	1734	1834	1717	1761	3.58	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Calcium	43-1	2064676	2059744	2037057	2053826	0.72	cps
Calcium	44-1	33127107	33106965	32775660	33003244	0.60	cps
Chromium	52-2	1060	1087	1097	1081	1.75	cps
Cobalt	59-2	3457	3577	3521	3518	1.71	cps
Copper	63-2	1280	1213	1177	1223	4.28	cps
Dysprosium	156-1	183	283	208	225	23.13	cps
Dysprosium	156-2	37	30	70	46	47.04	cps
Erbium	164-1	350	275	392	339	17.45	cps
Erbium	164-2	63	70	90	74	18.64	cps
Gadolinium	160-1	233	275	325	278	16.52	cps
Gadolinium	160-2	67	77	67	70	8.25	cps
Holmium	165-1	10930390	10816197	11329795	11025461	2.45	cps
Holmium	165-2	2531332	2537105	2549843	2539426	0.37	cps
Indium	115-1	8763150	8809819	8996837	8856602	1.40	cps
Indium	115-2	432366	426747	428187	429100	0.68	cps
Iron	56-2	114424	95822	94116	101454	11.10	cps
Iron	57-2	2428	2417	2228	2358	4.77	cps
Lead	206-1	3189	3039	3128	3119	2.42	cps
Lead	207-1	2706	2712	2239	2552	10.62	cps
Lead	208-1	12236	11880	11464	11860	3.26	cps
Lithium	6-1	1333775	1333741	1397561	1355026	2.72	cps
Magnesium	24-2	1212940	1187492	1201499	1200644	1.06	cps
Manganese	55-2	1785650	1747470	1786252	1773124	1.25	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03	Instrumnet Name :	P8
Client Sample ID :	MBDYX7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:42:23	DataFile Name :	056SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2917	3017	2909	2948	2.05	cps
Molybdenum	95-1	4893	4643	5135	4890	5.03	cps
Molybdenum	96-1	5035	4909	4743	4896	2.99	cps
Molybdenum	97-1	3000	2759	2709	2823	5.53	cps
Molybdenum	98-1	6877	7269	7027	7058	2.80	cps
Neodymium	150-1	213	200	173	196	10.41	cps
Neodymium	150-2	30	20	47	32	41.81	cps
Nickel	60-2	1570	1537	1520	1542	1.65	cps
Phosphorus	31-2	0	8	33	14	124.92	cps
Potassium	39-2	35905	35337	36958	36067	2.28	cps
Rhodium	103-1	7703731	7800696	8009208	7837878	1.99	cps
Rhodium	103-2	2274303	2239108	2245299	2252903	0.83	cps
Scandium	45-1	4635437	4643431	4804138	4694336	2.03	cps
Scandium	45-2	41906	41144	41531	41527	0.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-81	-7	-3	-30	-144.90	cps
Silicon	28-1	42658463	42918729	42169794	42582329	0.89	cps
Silver	109-1	14637	11906	10338	12294	17.70	cps
Silver	107-1	16026	12933	11130	13363	18.53	cps
Sodium	23-2	3201489	3217599	3214194	3211094	0.26	cps
Strontium	86-1	472922	469215	472871	471669	0.45	cps
Strontium	88-1	4147588	4122780	4140976	4137115	0.31	cps
Sulfur	34-1	639777	638693	633908	637459	0.49	cps
Terbium	159-1	11346726	11384053	11594922	11441900	1.17	cps
Terbium	159-2	2462497	2452331	2456525	2457117	0.21	cps
Thallium	203-1	442	433	325	400	16.27	cps
Thallium	205-1	958	900	858	906	5.55	cps
Tin	118-1	3426	3259	2767	3151	10.87	cps
Titanium	47-1	3092	3192	2859	3048	5.61	cps
Uranium	238-1	26538	25928	25627	26031	1.78	cps
Vanadium	51-2	1077	1177	1137	1130	4.45	cps
Yttrium	89-1	9063692	9052837	9364596	9160375	1.93	cps
Yttrium	89-2	318064	314230	315690	315995	0.61	cps
Zinc	66-2	247	253	293	264	9.54	cps
Zirconium	90-1	1659	1525	1792	1659	8.04	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03	Instrumnet Name :	P8
Client Sample ID :	MBDYX7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:42:23	DataFile Name :	056SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	342	308	317	6.96	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-04	Instrumnet Name :	P8
Client Sample ID :	MBDYX7D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:45:29	DataFile Name :	057SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	333	383	314	25.79	cps
Antimony	121-1	1308	1025	1217	1183	12.22	cps
Arsenic	75-2	63	80	65	69	13.21	cps
Barium	135-1	67204	69231	69022	68486	1.63	cps
Barium	137-1	121563	120942	119284	120596	0.98	cps
Beryllium	9-1	111	150	156	139	17.44	cps
Bismuth	209-1	7339032	7335339	7276789	7317053	0.48	cps
Bismuth	209-2	1950892	1941608	1938005	1943502	0.34	cps
Boron	10-1	208889	210031	215443	211455	1.66	cps
Boron	11-1	991816	1016317	1019570	1009234	1.50	cps
Cadmium	111-1	1307	1307	1303	1305	0.18	cps
Cadmium	106-1	1792	1809	1784	1795	0.71	cps
Cadmium	108-1	8	25	0	11	114.58	cps
Calcium	43-1	2037132	2055190	2004370	2032231	1.27	cps
Calcium	44-1	32864723	32759799	32610728	32745083	0.39	cps
Chromium	52-2	1087	1040	1100	1076	2.93	cps
Cobalt	59-2	3430	3387	3230	3349	3.14	cps
Copper	63-2	1594	1310	1227	1377	13.98	cps
Dysprosium	156-1	225	200	217	214	5.95	cps
Dysprosium	156-2	47	47	57	50	11.55	cps
Erbium	164-1	383	358	283	342	15.23	cps
Erbium	164-2	67	57	93	72	26.25	cps
Gadolinium	160-1	225	283	375	294	25.68	cps
Gadolinium	160-2	60	97	47	68	38.20	cps
Holmium	165-1	11391325	11331843	11437934	11387034	0.47	cps
Holmium	165-2	2524077	2510670	2491145	2508630	0.66	cps
Indium	115-1	9202399	9100063	8884297	9062253	1.79	cps
Indium	115-2	429334	426652	422467	426151	0.81	cps
Iron	56-2	94435	94552	92567	93851	1.19	cps
Iron	57-2	2561	2456	2411	2476	3.11	cps
Lead	206-1	2778	3023	2600	2800	7.57	cps
Lead	207-1	2184	2323	2339	2282	3.74	cps
Lead	208-1	11158	11580	11063	11267	2.44	cps
Lithium	6-1	1399955	1406962	1390491	1399136	0.59	cps
Magnesium	24-2	1178869	1160113	1156350	1165111	1.04	cps
Manganese	55-2	1780777	1744073	1749127	1757993	1.13	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-04	Instrumnet Name :	P8
Client Sample ID :	MBDYX7D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:45:29	DataFile Name :	057SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2950	2875	3351	3059	8.35	cps
Molybdenum	95-1	4759	4568	4634	4654	2.09	cps
Molybdenum	96-1	5076	4851	4918	4948	2.34	cps
Molybdenum	97-1	2825	2592	2559	2659	5.47	cps
Molybdenum	98-1	7519	7661	7653	7611	1.05	cps
Neodymium	150-1	220	260	200	227	13.48	cps
Neodymium	150-2	7	20	20	16	49.47	cps
Nickel	60-2	1370	1447	1473	1430	3.75	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	35587	34577	35655	35273	1.71	cps
Rhodium	103-1	8058333	8070700	8072403	8067145	0.10	cps
Rhodium	103-2	2273467	2229909	2214459	2239278	1.37	cps
Scandium	45-1	4858022	4846447	4812149	4838873	0.49	cps
Scandium	45-2	41715	40906	40492	41038	1.52	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-39	-185	-17	-81	-113.48	cps
Silicon	28-1	42645450	42340085	41932162	42305899	0.85	cps
Silver	109-1	9812	9103	9345	9420	3.83	cps
Silver	107-1	9971	9420	9879	9757	3.02	cps
Sodium	23-2	3226840	3168119	3185615	3193525	0.94	cps
Strontium	86-1	468926	471685	469861	470157	0.30	cps
Strontium	88-1	4122095	4134554	4139100	4131916	0.21	cps
Sulfur	34-1	636260	635393	634775	635476	0.12	cps
Terbium	159-1	11834312	11744804	11689015	11756044	0.62	cps
Terbium	159-2	2440826	2432042	2426572	2433147	0.30	cps
Thallium	203-1	350	275	350	325	13.32	cps
Thallium	205-1	700	825	708	745	9.39	cps
Tin	118-1	3050	3109	3075	3078	0.95	cps
Titanium	47-1	3484	3067	3109	3220	7.13	cps
Uranium	238-1	25819	25210	25744	25591	1.30	cps
Vanadium	51-2	1287	1240	1060	1196	10.01	cps
Yttrium	89-1	9394547	9385774	9356909	9379077	0.21	cps
Yttrium	89-2	315153	310729	311788	312557	0.74	cps
Zinc	66-2	227	243	223	231	4.64	cps
Zirconium	90-1	2186	1475	1500	1720	23.44	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-04	Instrumnet Name :	P8
Client Sample ID :	MBDYX7D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:45:29	DataFile Name :	057SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	317	342	319	6.57	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYX7L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-18 17:48:32	DataFile Name :	058SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	92	17	64	64.34	cps
Antimony	121-1	358	508	533	467	20.28	cps
Arsenic	75-2	26	11	17	18	41.82	cps
Barium	135-1	13174	12490	12698	12787	2.74	cps
Barium	137-1	22587	22512	22495	22531	0.22	cps
Beryllium	9-1	167	156	156	159	4.03	cps
Bismuth	209-1	6723353	6844229	6845193	6804259	1.03	cps
Bismuth	209-2	1848447	1699603	1854635	1800895	4.87	cps
Boron	10-1	49587	48859	48716	49054	0.95	cps
Boron	11-1	219494	225346	229754	224865	2.29	cps
Cadmium	111-1	1141	1240	1163	1181	4.42	cps
Cadmium	106-1	1600	1750	1617	1656	4.97	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	371066	375107	376841	374338	0.79	cps
Calcium	44-1	6136780	6179714	6161726	6159407	0.35	cps
Chromium	52-2	483	457	513	484	5.85	cps
Cobalt	59-2	790	617	697	701	12.37	cps
Copper	63-2	463	500	417	460	9.08	cps
Dysprosium	156-1	33	67	67	56	34.65	cps
Dysprosium	156-2	13	13	3	10	57.75	cps
Erbium	164-1	83	83	67	78	12.37	cps
Erbium	164-2	7	33	13	18	78.05	cps
Gadolinium	160-1	92	100	100	97	4.95	cps
Gadolinium	160-2	3	20	7	10	88.20	cps
Holmium	165-1	10447086	10337918	10559542	10448182	1.06	cps
Holmium	165-2	2367823	2174005	2398953	2313594	5.27	cps
Indium	115-1	8474606	8549504	8532280	8518797	0.46	cps
Indium	115-2	412811	381015	413107	402311	4.58	cps
Iron	56-2	20326	19481	19915	19907	2.12	cps
Iron	57-2	506	478	444	476	6.43	cps
Lead	206-1	845	767	706	772	9.01	cps
Lead	207-1	578	517	656	583	11.93	cps
Lead	208-1	2917	2789	2789	2832	2.61	cps
Lithium	6-1	1290853	1286619	1298351	1291941	0.46	cps
Magnesium	24-2	226651	223234	225689	225191	0.78	cps
Manganese	55-2	330762	334169	328938	331290	0.80	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYX7L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-18 17:48:32	DataFile Name :	058SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	733	675	808	739	9.05	cps
Molybdenum	95-1	892	1050	883	942	9.97	cps
Molybdenum	96-1	950	942	1033	975	5.20	cps
Molybdenum	97-1	633	692	600	642	7.23	cps
Molybdenum	98-1	1133	1333	1392	1286	10.53	cps
Neodymium	150-1	47	33	33	38	20.39	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	517	517	523	519	0.74	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	9687	9437	9554	9559	1.31	cps
Rhodium	103-1	7683853	7689431	7721624	7698302	0.26	cps
Rhodium	103-2	2183773	1991207	2200384	2125121	5.47	cps
Scandium	45-1	4501374	4572666	4572522	4548854	0.90	cps
Scandium	45-2	39783	36933	39753	38823	4.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	-92	-52	-103	-82	-32.57	cps
Silicon	28-1	8222025	8274368	8244423	8246938	0.32	cps
Silver	109-1	1408	1450	1317	1392	4.90	cps
Silver	107-1	1517	1442	1492	1483	2.57	cps
Sodium	23-2	623849	623832	621137	622940	0.25	cps
Strontium	86-1	86448	87865	86633	86982	0.89	cps
Strontium	88-1	756107	753716	764111	757978	0.72	cps
Sulfur	34-1	421081	416845	415531	417819	0.69	cps
Terbium	159-1	10836620	10895491	10912986	10881699	0.37	cps
Terbium	159-2	2301427	2132588	2313967	2249327	4.50	cps
Thallium	203-1	158	142	183	161	13.02	cps
Thallium	205-1	283	425	417	375	21.20	cps
Tin	118-1	1333	950	1033	1106	18.24	cps
Titanium	47-1	725	667	700	697	4.20	cps
Uranium	238-1	4559	4935	4968	4821	4.71	cps
Vanadium	51-2	207	193	233	211	9.65	cps
Yttrium	89-1	8816977	8807414	8796717	8807036	0.12	cps
Yttrium	89-2	299869	278825	303028	293907	4.48	cps
Zinc	66-2	70	80	100	83	18.33	cps
Zirconium	90-1	675	608	667	650	5.59	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03LX5	Instrumnet Name :	P8
Client Sample ID :	MBDYX7L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-18 17:48:32	DataFile Name :	058SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	225	142	183	22.73	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-05	Instrumnet Name :	P8
Client Sample ID :	MBDYX7S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:51:41	DataFile Name :	059SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12231	11539	11655	11808	3.14	cps
Antimony	121-1	972660	963796	961183	965880	0.62	cps
Arsenic	75-2	4558	4336	4349	4414	2.83	cps
Barium	135-1	4247953	4247590	4210672	4235405	0.51	cps
Barium	137-1	7329150	7228514	7172248	7243304	1.10	cps
Beryllium	9-1	56221	54715	55245	55394	1.38	cps
Bismuth	209-1	7444632	7308657	7396488	7383259	0.93	cps
Bismuth	209-2	1959032	1945777	1945499	1950103	0.40	cps
Boron	10-1	207945	213218	213549	211571	1.49	cps
Boron	11-1	995119	1006295	1008202	1003206	0.70	cps
Cadmium	111-1	100343	100110	99128	99860	0.65	cps
Cadmium	106-1	10096	10296	9862	10085	2.15	cps
Cadmium	108-1	6681	6314	6560	6518	2.87	cps
Calcium	43-1	2085364	2053887	2065172	2068141	0.77	cps
Calcium	44-1	33135453	32852276	33186607	33058112	0.54	cps
Chromium	52-2	164780	164160	162157	163699	0.84	cps
Cobalt	59-2	880098	872529	874803	875810	0.44	cps
Copper	63-2	378121	373337	373314	374924	0.74	cps
Dysprosium	156-1	217	225	217	219	2.19	cps
Dysprosium	156-2	40	53	67	53	25.00	cps
Erbium	164-1	433	325	333	364	16.57	cps
Erbium	164-2	67	67	70	68	2.84	cps
Gadolinium	160-1	250	267	317	278	12.49	cps
Gadolinium	160-2	70	73	53	66	16.35	cps
Holmium	165-1	11543361	11361794	11395065	11433407	0.85	cps
Holmium	165-2	2528924	2505967	2500450	2511781	0.60	cps
Indium	115-1	9115434	9050499	9000969	9055634	0.63	cps
Indium	115-2	424112	420271	419652	421345	0.57	cps
Iron	56-2	662643	654864	657463	658323	0.60	cps
Iron	57-2	16939	16404	16343	16562	1.98	cps
Lead	206-1	122036	123322	123478	122945	0.64	cps
Lead	207-1	110119	112102	109401	110540	1.27	cps
Lead	208-1	499246	498644	498045	498645	0.12	cps
Lithium	6-1	1404065	1405177	1384773	1398005	0.82	cps
Magnesium	24-2	1181051	1173183	1185625	1179953	0.53	cps
Manganese	55-2	1890970	1863871	1887987	1880943	0.79	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-05	Instrumnet Name :	P8
Client Sample ID :	MBDYX7S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:51:41	DataFile Name :	059SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3226	2975	3276	3159	5.09	cps
Molybdenum	95-1	5243	4976	4584	4934	6.71	cps
Molybdenum	96-1	5251	5476	5201	5310	2.76	cps
Molybdenum	97-1	2917	2959	2775	2884	3.33	cps
Molybdenum	98-1	7286	7427	7286	7333	1.12	cps
Neodymium	150-1	407	333	327	356	12.48	cps
Neodymium	150-2	40	13	33	29	48.05	cps
Nickel	60-2	253188	250220	252790	252066	0.64	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	35855	35270	35638	35588	0.83	cps
Rhodium	103-1	8109933	8052274	8064736	8075648	0.38	cps
Rhodium	103-2	2238065	2224619	2219520	2227401	0.43	cps
Scandium	45-1	4816333	4701150	4796960	4771481	1.29	cps
Scandium	45-2	40244	39893	41077	40405	1.50	cps
Selenium	77-2	93	103	100	99	5.15	cps
Selenium	78-2	248	239	226	238	4.70	cps
Selenium	82-1	12361	12249	12315	12308	0.46	cps
Silicon	28-1	42708192	42319623	41964788	42330868	0.88	cps
Silver	109-1	424825	430829	430103	428586	0.76	cps
Silver	107-1	445220	447418	452005	448214	0.77	cps
Sodium	23-2	3242692	3209433	3202756	3218294	0.66	cps
Strontium	86-1	475108	468414	474879	472801	0.80	cps
Strontium	88-1	4203218	4143339	4108912	4151823	1.15	cps
Sulfur	34-1	644337	640338	639980	641552	0.38	cps
Terbium	159-1	11986101	11898952	11906642	11930565	0.40	cps
Terbium	159-2	2443657	2439477	2416063	2433066	0.61	cps
Thallium	203-1	382212	381539	383565	382439	0.27	cps
Thallium	205-1	928629	916397	910414	918480	1.01	cps
Tin	118-1	1133	1308	1375	1272	9.81	cps
Titanium	47-1	3576	3801	3626	3667	3.22	cps
Uranium	238-1	27464	27114	27498	27359	0.78	cps
Vanadium	51-2	312934	309652	310204	310930	0.57	cps
Yttrium	89-1	9465483	9269384	9202267	9312378	1.47	cps
Yttrium	89-2	311042	308430	311249	310240	0.51	cps
Zinc	66-2	70612	70689	70230	70510	0.35	cps
Zirconium	90-1	1517	1408	1508	1478	4.08	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-05	Instrumnet Name :	P8
Client Sample ID :	MBDYX7S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:51:41	DataFile Name :	059SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	283	467	375	24.44	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-06	Instrumnet Name :	P8
Client Sample ID :	MBDYX8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:54:45	DataFile Name :	060SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	92	67	78	16.37	cps
Antimony	121-1	1183	1292	1242	1239	4.38	cps
Arsenic	75-2	76	56	63	65	15.91	cps
Barium	135-1	67992	66718	68813	67841	1.56	cps
Barium	137-1	116879	118224	119084	118062	0.94	cps
Beryllium	9-1	150	156	178	161	9.12	cps
Bismuth	209-1	7546563	7459684	7382401	7462882	1.10	cps
Bismuth	209-2	1973108	1955364	1991040	1973171	0.90	cps
Boron	10-1	198757	202280	205881	202306	1.76	cps
Boron	11-1	929373	960630	976330	955444	2.50	cps
Cadmium	111-1	1113	1428	1327	1289	12.49	cps
Cadmium	106-1	1408	1900	1742	1684	14.91	cps
Cadmium	108-1	21	8	25	18	48.05	cps
Calcium	43-1	1937972	1950601	1929182	1939252	0.56	cps
Calcium	44-1	31148688	30989660	30983831	31040726	0.30	cps
Chromium	52-2	453	483	427	454	6.24	cps
Cobalt	59-2	3214	3184	3207	3202	0.49	cps
Copper	63-2	3267	3270	3350	3296	1.43	cps
Dysprosium	156-1	258	267	225	250	8.82	cps
Dysprosium	156-2	67	33	57	52	32.76	cps
Erbium	164-1	150	317	250	239	35.11	cps
Erbium	164-2	50	30	63	48	35.11	cps
Gadolinium	160-1	158	317	258	244	32.76	cps
Gadolinium	160-2	67	60	70	66	7.77	cps
Holmium	165-1	11748813	11502308	11324969	11525363	1.85	cps
Holmium	165-2	2548372	2481371	2558825	2529523	1.66	cps
Indium	115-1	9186013	9105158	9079385	9123519	0.61	cps
Indium	115-2	423677	423095	422604	423125	0.13	cps
Iron	56-2	53648	54892	55449	54663	1.69	cps
Iron	57-2	1489	1467	1400	1452	3.19	cps
Lead	206-1	428	428	433	430	0.75	cps
Lead	207-1	322	350	356	343	5.21	cps
Lead	208-1	1672	1639	1689	1667	1.53	cps
Lithium	6-1	1420957	1382924	1390611	1398164	1.44	cps
Magnesium	24-2	1086272	1091189	1124065	1100509	1.87	cps
Manganese	55-2	1664765	1660093	1652319	1659059	0.38	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-06	Instrumnet Name :	P8
Client Sample ID :	MBDYX8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:54:45	DataFile Name :	060SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2325	2767	2609	2567	8.72	cps
Molybdenum	95-1	4201	4109	4393	4234	3.42	cps
Molybdenum	96-1	4451	4084	4393	4309	4.57	cps
Molybdenum	97-1	2534	2592	2367	2498	4.68	cps
Molybdenum	98-1	6410	6610	6635	6552	1.88	cps
Neodymium	150-1	333	353	373	353	5.66	cps
Neodymium	150-2	30	53	40	41	28.47	cps
Nickel	60-2	1220	1090	1177	1162	5.70	cps
Phosphorus	31-2	25	33	8	22	57.29	cps
Potassium	39-2	37033	36941	36206	36727	1.23	cps
Rhodium	103-1	8260996	8197717	8115626	8191446	0.89	cps
Rhodium	103-2	2257441	2239141	2216579	2237720	0.91	cps
Scandium	45-1	4873534	4778625	4820373	4824177	0.99	cps
Scandium	45-2	40264	40712	39746	40241	1.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-144	-161	-29	-111	-64.42	cps
Silicon	28-1	40187650	40051854	39658503	39966002	0.69	cps
Silver	109-1	11998	12298	11881	12059	1.78	cps
Silver	107-1	13274	12473	11747	12498	6.11	cps
Sodium	23-2	3051954	3073429	3059264	3061549	0.36	cps
Strontium	86-1	516109	509335	512605	512683	0.66	cps
Strontium	88-1	4540139	4462193	4497939	4500090	0.87	cps
Sulfur	34-1	627265	627188	623180	625878	0.37	cps
Terbium	159-1	12139306	12001129	11964120	12034852	0.77	cps
Terbium	159-2	2453910	2453525	2465208	2457548	0.27	cps
Thallium	203-1	325	342	317	328	3.88	cps
Thallium	205-1	667	842	575	694	19.51	cps
Tin	118-1	1250	1267	1008	1175	12.30	cps
Titanium	47-1	800	800	758	786	3.06	cps
Uranium	238-1	25143	25953	25661	25586	1.60	cps
Vanadium	51-2	1280	1277	1233	1263	2.06	cps
Yttrium	89-1	9487322	9382764	9401900	9423995	0.59	cps
Yttrium	89-2	312444	310114	310485	311015	0.40	cps
Zinc	66-2	480	473	543	499	7.74	cps
Zirconium	90-1	983	917	775	892	11.93	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-06	Instrumnet Name :	P8
Client Sample ID :	MBDYX8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:54:45	DataFile Name :	060SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	208	242	222	7.81	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-07 Instrumnet Name : P8
 Client Sample ID : MBDYY9 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 17:57:50 DataFile Name : 061SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	92	67	94	30.99	cps
Antimony	121-1	1325	1167	1108	1200	9.34	cps
Arsenic	75-2	52	35	59	49	25.28	cps
Barium	135-1	69851	69826	70396	70024	0.46	cps
Barium	137-1	121992	119141	122691	121274	1.55	cps
Beryllium	9-1	183	194	172	183	6.06	cps
Bismuth	209-1	7490035	7318217	7306634	7371629	1.39	cps
Bismuth	209-2	1963397	1951253	1942468	1952373	0.54	cps
Boron	10-1	211392	213244	213716	212784	0.58	cps
Boron	11-1	994172	1018875	1018109	1010385	1.39	cps
Cadmium	111-1	1433	1376	1208	1339	8.72	cps
Cadmium	106-1	1884	1800	1600	1761	8.27	cps
Cadmium	108-1	21	13	17	17	24.99	cps
Calcium	43-1	2020831	2006849	1979809	2002496	1.04	cps
Calcium	44-1	32395184	32188588	31819484	32134419	0.91	cps
Chromium	52-2	513	497	530	513	3.25	cps
Cobalt	59-2	3074	3127	3290	3164	3.57	cps
Copper	63-2	4347	4274	4271	4297	1.01	cps
Dysprosium	156-1	233	217	317	256	20.96	cps
Dysprosium	156-2	33	60	53	49	28.39	cps
Erbium	164-1	292	375	317	328	13.04	cps
Erbium	164-2	53	60	60	58	6.67	cps
Gadolinium	160-1	333	225	350	303	22.42	cps
Gadolinium	160-2	80	40	77	66	33.86	cps
Holmium	165-1	11654455	11448692	11385403	11496183	1.22	cps
Holmium	165-2	2528802	2501331	2502423	2510852	0.62	cps
Indium	115-1	9121969	9000108	8874491	8998856	1.38	cps
Indium	115-2	417575	411525	414171	414424	0.73	cps
Iron	56-2	52532	52890	52906	52776	0.40	cps
Iron	57-2	1300	1272	1400	1324	5.08	cps
Lead	206-1	483	428	500	470	8.04	cps
Lead	207-1	406	406	389	400	2.41	cps
Lead	208-1	1950	1756	1872	1859	5.26	cps
Lithium	6-1	1394890	1379286	1377514	1383897	0.69	cps
Magnesium	24-2	1147472	1155011	1163254	1155246	0.68	cps
Manganese	55-2	1734844	1730997	1714542	1726794	0.62	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-07	Instrumnet Name :	P8
Client Sample ID :	MBDYY9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:57:50	DataFile Name :	061SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2959	2709	2584	2750	6.94	cps
Molybdenum	95-1	4268	4293	4434	4331	2.08	cps
Molybdenum	96-1	4009	4926	4451	4462	10.28	cps
Molybdenum	97-1	2650	2567	2300	2506	7.30	cps
Molybdenum	98-1	6894	6410	6027	6444	6.74	cps
Neodymium	150-1	393	353	407	384	7.22	cps
Neodymium	150-2	80	73	43	66	29.80	cps
Nickel	60-2	1263	1267	1253	1261	0.55	cps
Phosphorus	31-2	17	33	33	28	34.63	cps
Potassium	39-2	37777	37501	39615	38298	3.00	cps
Rhodium	103-1	8051606	7991890	7961273	8001590	0.57	cps
Rhodium	103-2	2237578	2206881	2229468	2224642	0.72	cps
Scandium	45-1	4770877	4769933	4700853	4747221	0.85	cps
Scandium	45-2	40886	39566	39382	39945	2.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-90	10	-61	-47	-110.23	cps
Silicon	28-1	41730214	41191034	41444445	41455231	0.65	cps
Silver	109-1	10254	9962	9954	10057	1.70	cps
Silver	107-1	10479	10296	10213	10329	1.32	cps
Sodium	23-2	3150705	3167729	3183514	3167316	0.52	cps
Strontium	86-1	529198	530018	524294	527837	0.59	cps
Strontium	88-1	4679771	4637522	4608168	4641821	0.78	cps
Sulfur	34-1	640374	636423	635773	637523	0.39	cps
Terbium	159-1	11956880	11920079	11713674	11863544	1.10	cps
Terbium	159-2	2441068	2388604	2419205	2416292	1.09	cps
Thallium	203-1	283	242	258	261	8.03	cps
Thallium	205-1	592	683	683	653	8.11	cps
Tin	118-1	1167	1075	1225	1156	6.54	cps
Titanium	47-1	767	825	683	758	9.39	cps
Uranium	238-1	28208	27815	27181	27735	1.87	cps
Vanadium	51-2	1370	1323	1267	1320	3.92	cps
Yttrium	89-1	9424518	9292634	9298782	9338645	0.80	cps
Yttrium	89-2	306404	302685	305958	305016	0.67	cps
Zinc	66-2	653	550	587	597	8.78	cps
Zirconium	90-1	867	908	867	881	2.73	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-07	Instrumnet Name :	P8
Client Sample ID :	MBDYY9	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 17:57:50	DataFile Name :	061SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	225	192	197	12.91	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-08	Instrumnet Name :	P8
Client Sample ID :	MBDYZ7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:00:55	DataFile Name :	062SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	0	17	14	91.65	cps
Antimony	121-1	150	200	167	172	14.78	cps
Arsenic	75-2	2	4	2	2	43.30	cps
Barium	135-1	250	400	250	300	28.87	cps
Barium	137-1	483	617	400	500	21.86	cps
Beryllium	9-1	83	133	100	106	24.12	cps
Bismuth	209-1	7278376	7258714	7291476	7276189	0.23	cps
Bismuth	209-2	1976633	1943134	1980505	1966758	1.04	cps
Boron	10-1	13674	13340	12840	13284	3.16	cps
Boron	11-1	63910	59725	55584	59739	6.97	cps
Cadmium	111-1	1266	1109	1106	1160	7.91	cps
Cadmium	106-1	1784	1592	1559	1645	7.38	cps
Cadmium	108-1	4	38	8	17	108.97	cps
Calcium	43-1	1217	1225	875	1106	18.06	cps
Calcium	44-1	21759	21968	21935	21887	0.51	cps
Chromium	52-2	283	307	310	300	4.84	cps
Cobalt	59-2	30	37	33	33	10.01	cps
Copper	63-2	403	320	397	373	12.40	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	17	33	33	49.99	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	50	58	42	50	16.67	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	11342214	10996270	11060832	11133105	1.65	cps
Holmium	165-2	2487578	2444238	2467020	2466279	0.88	cps
Indium	115-1	9064116	8955244	9038422	9019260	0.63	cps
Indium	115-2	426115	422961	425284	424787	0.38	cps
Iron	56-2	2095	1872	2106	2024	6.50	cps
Iron	57-2	33	44	72	50	40.06	cps
Lead	206-1	3306	3528	3467	3434	3.34	cps
Lead	207-1	2939	2928	3067	2978	2.59	cps
Lead	208-1	13414	13375	13898	13563	2.15	cps
Lithium	6-1	1364103	1364279	1364669	1364350	0.02	cps
Magnesium	24-2	533	700	800	678	19.88	cps
Manganese	55-2	93	150	110	118	24.72	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-08	Instrumnet Name :	P8
Client Sample ID :	MBDYZ7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:00:55	DataFile Name :	062SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	183	250	225	16.14	cps
Molybdenum	95-1	33	50	33	39	24.75	cps
Molybdenum	96-1	92	83	50	75	29.40	cps
Molybdenum	97-1	100	92	42	78	40.56	cps
Molybdenum	98-1	100	50	67	72	35.26	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	243	283	243	257	9.00	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	2342	2725	2734	2600	8.61	cps
Rhodium	103-1	8288196	8138052	8133613	8186620	1.07	cps
Rhodium	103-2	2286914	2299435	2254722	2280357	1.01	cps
Scandium	45-1	4739956	4720948	4652420	4704441	0.98	cps
Scandium	45-2	41006	41050	40689	40915	0.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-48	-43	-104	-65	-51.80	cps
Silicon	28-1	333454	330747	328180	330794	0.80	cps
Silver	109-1	1634	1634	1650	1639	0.59	cps
Silver	107-1	2059	1625	1567	1750	15.35	cps
Sodium	23-2	23629	23303	24046	23659	1.57	cps
Strontium	86-1	592	633	558	594	6.32	cps
Strontium	88-1	508	608	383	500	22.55	cps
Sulfur	34-1	362940	360701	362476	362039	0.33	cps
Terbium	159-1	11516055	11448299	11458917	11474424	0.32	cps
Terbium	159-2	2421174	2420417	2376002	2405864	1.08	cps
Thallium	203-1	175	167	100	147	27.92	cps
Thallium	205-1	317	508	342	389	26.79	cps
Tin	118-1	308	375	267	317	17.25	cps
Titanium	47-1	175	92	158	142	31.13	cps
Uranium	238-1	50	58	8	39	68.89	cps
Vanadium	51-2	13	10	17	13	25.01	cps
Yttrium	89-1	9211593	9078012	9177507	9155704	0.76	cps
Yttrium	89-2	310222	309780	311573	310525	0.30	cps
Zinc	66-2	60	73	103	79	28.14	cps
Zirconium	90-1	517	475	500	497	4.22	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-08	Instrumnet Name :	P8
Client Sample ID :	MBDYZ7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:00:55	DataFile Name :	062SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	83	92	92	9.09	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-09	Instrumnet Name :	P8
Client Sample ID :	MBDYX2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:04:03	DataFile Name :	063SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1167	1192	1067	1142	5.79	cps
Antimony	121-1	1692	1717	1675	1695	1.24	cps
Arsenic	75-2	57	65	57	60	7.14	cps
Barium	135-1	79984	76563	78659	78402	2.20	cps
Barium	137-1	138838	137618	136743	137733	0.76	cps
Beryllium	9-1	206	122	200	176	26.48	cps
Bismuth	209-1	7262513	7288372	7197166	7249350	0.65	cps
Bismuth	209-2	1931753	1873102	1918594	1907816	1.61	cps
Boron	10-1	193842	195555	202366	197254	2.29	cps
Boron	11-1	894821	903624	930066	909504	2.02	cps
Cadmium	111-1	1199	1210	1345	1251	6.48	cps
Cadmium	106-1	1592	1559	1775	1642	7.11	cps
Cadmium	108-1	33	21	21	25	28.87	cps
Calcium	43-1	2075029	2030754	2006471	2037418	1.71	cps
Calcium	44-1	32880526	32587444	32518411	32662127	0.59	cps
Chromium	52-2	850	823	760	811	5.70	cps
Cobalt	59-2	3994	4164	4241	4133	3.06	cps
Copper	63-2	2074	2130	2160	2121	2.08	cps
Dysprosium	156-1	792	975	692	820	17.54	cps
Dysprosium	156-2	150	143	207	167	20.88	cps
Erbium	164-1	750	850	642	747	13.94	cps
Erbium	164-2	163	137	150	150	8.89	cps
Gadolinium	160-1	942	683	800	808	16.01	cps
Gadolinium	160-2	223	223	233	227	2.55	cps
Holmium	165-1	11304404	11127984	11263008	11231799	0.82	cps
Holmium	165-2	2452030	2444795	2455440	2450755	0.22	cps
Indium	115-1	8870321	8758955	8794161	8807812	0.65	cps
Indium	115-2	410432	407573	406665	408223	0.48	cps
Iron	56-2	242385	240192	241882	241486	0.48	cps
Iron	57-2	6079	6096	6224	6133	1.29	cps
Lead	206-1	1228	1033	1272	1178	10.79	cps
Lead	207-1	1228	1095	1017	1113	9.59	cps
Lead	208-1	4867	4523	4534	4641	4.22	cps
Lithium	6-1	1368490	1376848	1360182	1368506	0.61	cps
Magnesium	24-2	1181091	1162533	1155825	1166483	1.12	cps
Manganese	55-2	1645647	1605713	1636774	1629378	1.29	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-09	Instrumnet Name :	P8
Client Sample ID :	MBDYX2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:04:03	DataFile Name :	063SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4768	4426	4693	4629	3.88	cps
Molybdenum	95-1	6527	6694	6785	6669	1.97	cps
Molybdenum	96-1	7344	7152	7269	7255	1.33	cps
Molybdenum	97-1	4251	4026	4159	4145	2.73	cps
Molybdenum	98-1	10113	10471	10563	10382	2.29	cps
Neodymium	150-1	1073	1033	1247	1118	10.15	cps
Neodymium	150-2	133	187	160	160	16.67	cps
Nickel	60-2	1417	1320	1473	1403	5.53	cps
Phosphorus	31-2	17	33	8	19	65.47	cps
Potassium	39-2	33182	32589	32063	32611	1.72	cps
Rhodium	103-1	7838174	7832492	7739621	7803429	0.71	cps
Rhodium	103-2	2171128	2150805	2154574	2158836	0.50	cps
Scandium	45-1	4648194	4629977	4627205	4635125	0.25	cps
Scandium	45-2	38814	38473	38593	38626	0.45	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-47	-19	-31	-32	-43.30	cps
Silicon	28-1	40139547	39699793	39664521	39834620	0.66	cps
Silver	109-1	8561	8762	8945	8756	2.19	cps
Silver	107-1	8870	8928	8837	8878	0.52	cps
Sodium	23-2	2690759	2682756	2638222	2670579	1.06	cps
Strontium	86-1	464273	453583	457369	458408	1.18	cps
Strontium	88-1	4065403	4030757	4020414	4038858	0.58	cps
Sulfur	34-1	633712	632663	629567	631980	0.34	cps
Terbium	159-1	11685055	11508486	11612791	11602111	0.77	cps
Terbium	159-2	2407257	2375102	2377662	2386674	0.75	cps
Thallium	203-1	342	392	383	372	7.20	cps
Thallium	205-1	700	708	717	708	1.18	cps
Tin	118-1	1192	1250	1175	1206	3.27	cps
Titanium	47-1	7527	8237	7419	7728	5.75	cps
Uranium	238-1	29828	30288	28709	29608	2.74	cps
Vanadium	51-2	1437	1487	1620	1515	6.26	cps
Yttrium	89-1	9092696	9010954	8925088	9009579	0.93	cps
Yttrium	89-2	299320	299845	295199	298121	0.85	cps
Zinc	66-2	437	467	393	432	8.53	cps
Zirconium	90-1	2475	2542	2759	2592	5.72	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-09	Instrumnet Name :	P8
Client Sample ID :	MBDYX2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:04:03	DataFile Name :	063SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1546	450	708	902	63.56	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-10 Instrumnet Name : P8
 Client Sample ID : MBDYX6 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 18:07:07 DataFile Name : 064SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458	400	467	442	8.23	cps
Antimony	121-1	1709	1450	1609	1589	8.20	cps
Arsenic	75-2	52	43	52	49	10.96	cps
Barium	135-1	64700	64785	66484	65323	1.54	cps
Barium	137-1	115057	115535	114164	114919	0.61	cps
Beryllium	9-1	83	111	89	94	15.56	cps
Bismuth	209-1	7239782	7338879	7201858	7260173	0.97	cps
Bismuth	209-2	1888635	1864658	1884157	1879150	0.68	cps
Boron	10-1	185004	189712	190368	188361	1.55	cps
Boron	11-1	852761	863431	878511	864901	1.50	cps
Cadmium	111-1	1475	1562	1286	1441	9.78	cps
Cadmium	106-1	1825	1809	1517	1717	10.10	cps
Cadmium	108-1	46	29	13	29	57.14	cps
Calcium	43-1	2208329	2174702	2187121	2190051	0.78	cps
Calcium	44-1	35279874	35027277	35026632	35111261	0.42	cps
Chromium	52-2	1103	993	1100	1066	5.87	cps
Cobalt	59-2	2767	2627	2607	2667	3.27	cps
Copper	63-2	2574	2280	2494	2449	6.19	cps
Dysprosium	156-1	325	433	367	375	14.57	cps
Dysprosium	156-2	87	67	67	73	15.75	cps
Erbium	164-1	433	425	325	394	15.28	cps
Erbium	164-2	93	67	70	77	18.95	cps
Gadolinium	160-1	425	492	442	453	7.66	cps
Gadolinium	160-2	73	103	120	99	23.92	cps
Holmium	165-1	11205253	11234850	11107508	11182537	0.60	cps
Holmium	165-2	2437179	2419553	2445724	2434152	0.55	cps
Indium	115-1	8755096	8757445	8806883	8773141	0.33	cps
Indium	115-2	407385	403870	401870	404375	0.69	cps
Iron	56-2	110495	107828	106035	108119	2.08	cps
Iron	57-2	2773	2800	2611	2728	3.74	cps
Lead	206-1	1483	1400	1572	1485	5.80	cps
Lead	207-1	1133	1133	1200	1156	3.33	cps
Lead	208-1	5506	5462	5845	5604	3.74	cps
Lithium	6-1	1360251	1348017	1350133	1352800	0.48	cps
Magnesium	24-2	1221801	1198219	1209220	1209747	0.98	cps
Manganese	55-2	1001921	998873	998970	999921	0.17	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-10	Instrumnet Name :	P8
Client Sample ID :	MBDYX6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:07:07	DataFile Name :	064SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2917	2942	3117	2992	3.64	cps
Molybdenum	95-1	4234	4084	4526	4281	5.25	cps
Molybdenum	96-1	4935	4768	4959	4887	2.13	cps
Molybdenum	97-1	3184	2942	2992	3039	4.20	cps
Molybdenum	98-1	7177	6377	7252	6935	7.00	cps
Neodymium	150-1	467	513	387	456	14.06	cps
Neodymium	150-2	47	50	63	53	16.53	cps
Nickel	60-2	1930	1650	1820	1800	7.84	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	33533	32581	33215	33109	1.46	cps
Rhodium	103-1	7793165	7712055	7819341	7774854	0.72	cps
Rhodium	103-2	2153917	2136032	2140440	2143463	0.43	cps
Scandium	45-1	4632792	4616166	4609142	4619367	0.26	cps
Scandium	45-2	37838	37607	38182	37876	0.76	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-44	33	-58	-23	-214.35	cps
Silicon	28-1	39891269	39308911	39168315	39456165	0.97	cps
Silver	109-1	7944	8236	7603	7928	4.00	cps
Silver	107-1	8570	8270	7928	8256	3.89	cps
Sodium	23-2	3255072	3226280	3218380	3233244	0.60	cps
Strontium	86-1	498072	497357	491307	495579	0.75	cps
Strontium	88-1	4380653	4361881	4358079	4366871	0.28	cps
Sulfur	34-1	642771	642781	638591	641381	0.38	cps
Terbium	159-1	11517547	11584469	11641201	11581072	0.53	cps
Terbium	159-2	2346078	2340305	2335282	2340555	0.23	cps
Thallium	203-1	325	417	325	356	14.89	cps
Thallium	205-1	658	775	667	700	9.30	cps
Tin	118-1	1008	1133	1208	1117	9.05	cps
Titanium	47-1	2784	4654	3009	3482	29.32	cps
Uranium	238-1	29269	29778	30238	29762	1.63	cps
Vanadium	51-2	1723	1807	1837	1789	3.28	cps
Yttrium	89-1	8991178	9033652	8988770	9004533	0.28	cps
Yttrium	89-2	295445	296508	294056	295336	0.42	cps
Zinc	66-2	1747	1747	1890	1795	4.61	cps
Zirconium	90-1	1650	1634	1634	1639	0.58	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-10	Instrumnet Name :	P8
Client Sample ID :	MBDYX6	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:07:07	DataFile Name :	064SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	308	375	350	10.38	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-11	Instrumnet Name :	P8
Client Sample ID :	MBDYX4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:10:16	DataFile Name :	065SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683	600	658	647	6.61	cps
Antimony	121-1	1950	1559	1650	1720	11.91	cps
Arsenic	75-2	52	41	39	44	15.99	cps
Barium	135-1	52815	51501	49669	51328	3.08	cps
Barium	137-1	91073	90945	90139	90719	0.56	cps
Beryllium	9-1	106	128	89	107	18.16	cps
Bismuth	209-1	7300496	7329366	7263748	7297870	0.45	cps
Bismuth	209-2	1896003	1919105	1889326	1901478	0.82	cps
Boron	10-1	96859	99351	99929	98713	1.65	cps
Boron	11-1	461072	463350	469594	464672	0.95	cps
Cadmium	111-1	1186	1248	1253	1229	3.02	cps
Cadmium	106-1	1600	1659	1734	1664	4.02	cps
Cadmium	108-1	13	0	33	15	110.22	cps
Calcium	43-1	1907142	1867599	1884303	1886348	1.05	cps
Calcium	44-1	30411282	30425618	30504666	30447189	0.17	cps
Chromium	52-2	613	527	600	580	8.05	cps
Cobalt	59-2	2054	1894	1900	1949	4.64	cps
Copper	63-2	4164	4217	3944	4108	3.53	cps
Dysprosium	156-1	208	175	158	181	14.10	cps
Dysprosium	156-2	57	57	67	60	9.62	cps
Erbium	164-1	208	325	275	269	21.72	cps
Erbium	164-2	67	37	70	58	31.77	cps
Gadolinium	160-1	200	233	317	250	24.04	cps
Gadolinium	160-2	47	90	100	79	35.93	cps
Holmium	165-1	11307415	11188207	11144620	11213414	0.75	cps
Holmium	165-2	2443201	2409408	2448094	2433568	0.87	cps
Indium	115-1	8870420	8836861	8769796	8825692	0.58	cps
Indium	115-2	411566	404345	403517	406476	1.09	cps
Iron	56-2	75827	72093	77759	75226	3.83	cps
Iron	57-2	1817	2095	1945	1952	7.13	cps
Lead	206-1	2034	1978	2217	2076	6.02	cps
Lead	207-1	1950	1878	1850	1893	2.73	cps
Lead	208-1	8785	8279	8451	8505	3.02	cps
Lithium	6-1	1359610	1369910	1360546	1363355	0.42	cps
Magnesium	24-2	946248	939137	935496	940294	0.58	cps
Manganese	55-2	136303	135953	135607	135955	0.26	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-11	Instrumnet Name :	P8
Client Sample ID :	MBDYX4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:10:16	DataFile Name :	065SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2900	2775	2917	2864	2.71	cps
Molybdenum	95-1	4017	3784	3726	3842	4.02	cps
Molybdenum	96-1	4084	4042	4151	4092	1.34	cps
Molybdenum	97-1	2292	2350	2284	2309	1.57	cps
Molybdenum	98-1	5902	5852	5993	5915	1.22	cps
Neodymium	150-1	227	300	307	278	15.98	cps
Neodymium	150-2	40	23	27	30	29.40	cps
Nickel	60-2	1473	1303	1357	1378	6.31	cps
Phosphorus	31-2	33	0	0	11	173.21	cps
Potassium	39-2	39214	38303	40434	39317	2.72	cps
Rhodium	103-1	7906226	7847345	7672217	7808596	1.56	cps
Rhodium	103-2	2164953	2141147	2158336	2154812	0.57	cps
Scandium	45-1	4625062	4608521	4572182	4601921	0.59	cps
Scandium	45-2	38265	38088	37991	38115	0.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	6	2	114.63	cps
Selenium	82-1	-53	-112	-42	-69	-53.81	cps
Silicon	28-1	35901017	35741428	35736496	35792980	0.26	cps
Silver	109-1	7678	7386	7302	7455	2.64	cps
Silver	107-1	7911	7911	8078	7967	1.21	cps
Sodium	23-2	1817876	1818488	1817294	1817886	0.03	cps
Strontium	86-1	417392	412422	410671	413495	0.84	cps
Strontium	88-1	3675730	3663431	3656611	3665257	0.26	cps
Sulfur	34-1	610817	615368	613722	613303	0.38	cps
Terbium	159-1	11754051	11566809	11578469	11633110	0.90	cps
Terbium	159-2	2342180	2381386	2344472	2356013	0.93	cps
Thallium	203-1	192	292	200	228	24.36	cps
Thallium	205-1	550	608	458	539	14.03	cps
Tin	118-1	1467	1467	1475	1470	0.33	cps
Titanium	47-1	7258	3501	2809	4523	52.94	cps
Uranium	238-1	23715	23314	23849	23626	1.18	cps
Vanadium	51-2	1887	1887	1883	1886	0.10	cps
Yttrium	89-1	9040846	8980233	8984141	9001740	0.38	cps
Yttrium	89-2	298249	295836	295168	296418	0.55	cps
Zinc	66-2	547	497	537	527	5.02	cps
Zirconium	90-1	1992	1550	1625	1722	13.73	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-11	Instrumnet Name :	P8
Client Sample ID :	MBDYX4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:10:16	DataFile Name :	065SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	317	517	386	29.32	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:13:22	DataFile Name :	066SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	67	167	128	41.93	cps
Antimony	121-1	1750	1734	1850	1778	3.55	cps
Arsenic	75-2	48	31	61	47	31.66	cps
Barium	135-1	32291	31655	32257	32068	1.11	cps
Barium	137-1	55852	55341	55208	55467	0.61	cps
Beryllium	9-1	106	122	156	128	19.92	cps
Bismuth	209-1	7436153	7335974	7244697	7338942	1.30	cps
Bismuth	209-2	1905817	1900513	1910383	1905571	0.26	cps
Boron	10-1	237447	240057	242863	240122	1.13	cps
Boron	11-1	1118069	1144170	1160079	1140772	1.86	cps
Cadmium	111-1	1063	1204	1268	1178	8.88	cps
Cadmium	106-1	1500	1700	1775	1659	8.57	cps
Cadmium	108-1	17	4	29	17	74.99	cps
Calcium	43-1	1821501	1777315	1790302	1796373	1.26	cps
Calcium	44-1	29208482	28677326	28418848	28768218	1.40	cps
Chromium	52-2	1033	1257	1180	1157	9.81	cps
Cobalt	59-2	2140	2134	2104	2126	0.92	cps
Copper	63-2	1247	1143	1240	1210	4.78	cps
Dysprosium	156-1	267	200	200	222	17.32	cps
Dysprosium	156-2	43	37	53	44	18.87	cps
Erbium	164-1	225	150	267	214	27.64	cps
Erbium	164-2	37	40	27	34	20.14	cps
Gadolinium	160-1	308	300	300	303	1.59	cps
Gadolinium	160-2	37	73	60	57	32.75	cps
Holmium	165-1	11156076	11125195	11098409	11126560	0.26	cps
Holmium	165-2	2428781	2468923	2413290	2436998	1.18	cps
Indium	115-1	8870058	8822410	8742947	8811805	0.73	cps
Indium	115-2	403047	402845	402650	402847	0.05	cps
Iron	56-2	137865	136897	137650	137471	0.37	cps
Iron	57-2	3878	3351	3484	3571	7.69	cps
Lead	206-1	583	656	617	619	5.84	cps
Lead	207-1	506	561	450	506	10.99	cps
Lead	208-1	2306	2522	2395	2408	4.52	cps
Lithium	6-1	1384794	1362003	1347764	1364854	1.37	cps
Magnesium	24-2	955371	961502	956375	957749	0.34	cps
Manganese	55-2	323600	319162	320493	321085	0.71	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:13:22	DataFile Name :	066SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2909	2959	2817	2895	2.48	cps
Molybdenum	95-1	4259	4443	4092	4265	4.11	cps
Molybdenum	96-1	4901	4993	4851	4915	1.46	cps
Molybdenum	97-1	2650	2517	2725	2631	4.01	cps
Molybdenum	98-1	7486	7019	7019	7175	3.76	cps
Neodymium	150-1	313	367	400	360	12.14	cps
Neodymium	150-2	47	57	63	56	15.09	cps
Nickel	60-2	1137	1160	1240	1179	4.60	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	25891	25616	26008	25838	0.78	cps
Rhodium	103-1	7886693	7832032	7762967	7827231	0.79	cps
Rhodium	103-2	2132037	2145821	2143255	2140371	0.34	cps
Scandium	45-1	4609541	4601921	4562436	4591299	0.55	cps
Scandium	45-2	38703	38342	37637	38228	1.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	-168	-20	-75	-87	-85.74	cps
Silicon	28-1	35457809	35224183	35023972	35235321	0.62	cps
Silver	109-1	7127	7177	7761	7355	4.79	cps
Silver	107-1	7186	8161	8094	7814	6.98	cps
Sodium	23-2	1511164	1503781	1495010	1503318	0.54	cps
Strontium	86-1	380255	383309	381220	381595	0.41	cps
Strontium	88-1	3373326	3346413	3343177	3354306	0.49	cps
Sulfur	34-1	649253	640569	641403	643741	0.74	cps
Terbium	159-1	11565778	11552582	11354031	11490797	1.03	cps
Terbium	159-2	2347203	2367923	2323076	2346067	0.96	cps
Thallium	203-1	142	108	142	131	14.74	cps
Thallium	205-1	317	275	300	297	7.06	cps
Tin	118-1	1233	1358	1133	1242	9.08	cps
Titanium	47-1	1333	1408	1400	1381	2.98	cps
Uranium	238-1	28200	28066	27682	27983	0.96	cps
Vanadium	51-2	437	490	530	486	9.64	cps
Yttrium	89-1	9050261	8900367	8911765	8954131	0.93	cps
Yttrium	89-2	292387	295096	292971	293485	0.49	cps
Zinc	66-2	193	213	167	191	12.25	cps
Zirconium	90-1	800	758	942	833	11.53	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-12	Instrumnet Name :	P8
Client Sample ID :	MBDYT7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:13:22	DataFile Name :	066SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	208	175	194	8.92	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-13	Instrumnet Name :	P8
Client Sample ID :	MBDYW7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:16:29	DataFile Name :	067SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3601	3726	3642	3656	1.74	cps
Antimony	121-1	1817	1867	1775	1820	2.52	cps
Arsenic	75-2	72	78	93	81	13.02	cps
Barium	135-1	144253	145036	141505	143598	1.29	cps
Barium	137-1	253113	252946	253552	253204	0.12	cps
Beryllium	9-1	133	128	111	124	9.32	cps
Bismuth	209-1	7294581	7165415	7163298	7207765	1.04	cps
Bismuth	209-2	1860649	1866559	1859490	1862233	0.20	cps
Boron	10-1	43717	43141	42230	43029	1.74	cps
Boron	11-1	200862	202289	198184	200445	1.04	cps
Cadmium	111-1	1679	1721	1670	1690	1.61	cps
Cadmium	106-1	1992	1909	1884	1928	2.94	cps
Cadmium	108-1	46	33	33	37	19.25	cps
Calcium	43-1	3877968	3873927	3881531	3877809	0.10	cps
Calcium	44-1	62850883	62872406	62194026	62639105	0.62	cps
Chromium	52-2	1567	1607	1690	1621	3.88	cps
Cobalt	59-2	4204	4661	4304	4390	5.47	cps
Copper	63-2	4708	4644	4561	4638	1.59	cps
Dysprosium	156-1	2492	2100	2242	2278	8.71	cps
Dysprosium	156-2	467	553	493	504	8.80	cps
Erbium	164-1	2217	2050	2000	2089	5.43	cps
Erbium	164-2	447	417	357	407	11.27	cps
Gadolinium	160-1	2217	2259	2375	2284	3.59	cps
Gadolinium	160-2	577	633	607	606	4.68	cps
Holmium	165-1	11311643	11298549	11235558	11281917	0.36	cps
Holmium	165-2	2425470	2441998	2420694	2429387	0.46	cps
Indium	115-1	8785623	8744662	8774900	8768395	0.24	cps
Indium	115-2	400518	398483	399727	399576	0.26	cps
Iron	56-2	530618	529158	533721	531166	0.44	cps
Iron	57-2	13496	13496	13457	13483	0.17	cps
Lead	206-1	3234	3467	3162	3288	4.86	cps
Lead	207-1	2684	2795	2712	2730	2.12	cps
Lead	208-1	12447	12753	12508	12569	1.29	cps
Lithium	6-1	1376279	1362237	1362796	1367104	0.58	cps
Magnesium	24-2	1949454	1949174	1965332	1954654	0.47	cps
Manganese	55-2	1515420	1514373	1519918	1516570	0.19	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-13	Instrumnet Name :	P8
Client Sample ID :	MBDYW7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:16:29	DataFile Name :	067SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7894	8395	8220	8169	3.11	cps
Molybdenum	95-1	13174	11939	12214	12442	5.21	cps
Molybdenum	96-1	13657	13265	13249	13391	1.73	cps
Molybdenum	97-1	7928	7861	7411	7733	3.64	cps
Molybdenum	98-1	20174	19206	19356	19579	2.66	cps
Neodymium	150-1	3201	3454	3254	3303	4.05	cps
Neodymium	150-2	427	460	450	446	3.84	cps
Nickel	60-2	2400	2160	2194	2251	5.78	cps
Phosphorus	31-2	17	25	17	19	24.73	cps
Potassium	39-2	48719	47382	49154	48418	1.91	cps
Rhodium	103-1	7886975	7757086	7726136	7790066	1.10	cps
Rhodium	103-2	2142752	2124971	2121908	2129877	0.53	cps
Scandium	45-1	4648874	4557571	4646612	4617686	1.13	cps
Scandium	45-2	38860	37751	38413	38341	1.46	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	2	11	2	5	108.30	cps
Selenium	82-1	-90	-36	-71	-66	-41.32	cps
Silicon	28-1	45224110	44611232	45017541	44950961	0.69	cps
Silver	109-1	8203	8320	8720	8414	3.22	cps
Silver	107-1	8778	8812	8678	8756	0.79	cps
Sodium	23-2	2919885	2878689	2890185	2896253	0.73	cps
Strontium	86-1	1155473	1153138	1146027	1151546	0.43	cps
Strontium	88-1	10060872	10033870	9976860	10023867	0.43	cps
Sulfur	34-1	454335	456458	456571	455788	0.28	cps
Terbium	159-1	11602930	11546746	11700653	11616776	0.67	cps
Terbium	159-2	2384808	2325007	2365918	2358578	1.30	cps
Thallium	203-1	233	400	292	308	27.43	cps
Thallium	205-1	725	708	750	728	2.88	cps
Tin	118-1	1133	1292	975	1133	13.97	cps
Titanium	47-1	34795	34143	33608	34182	1.74	cps
Uranium	238-1	42264	41905	41320	41830	1.14	cps
Vanadium	51-2	2894	3024	3244	3054	5.79	cps
Yttrium	89-1	9184524	9071301	9062222	9106015	0.75	cps
Yttrium	89-2	294766	292743	294166	293892	0.35	cps
Zinc	66-2	930	943	900	924	2.40	cps
Zirconium	90-1	4117	3767	4093	3992	4.89	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-13	Instrumnet Name :	P8
Client Sample ID :	MBDYW7	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:16:29	DataFile Name :	067SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	975	892	983	950	5.34	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:19:34	DataFile Name :	068SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	83	83	83	0.00	cps
Antimony	121-1	1192	1342	1275	1270	5.92	cps
Arsenic	75-2	31	39	19	30	34.80	cps
Barium	135-1	64240	63201	64315	63919	0.97	cps
Barium	137-1	113323	109367	111283	111324	1.78	cps
Beryllium	9-1	83	83	117	94	20.37	cps
Bismuth	209-1	7341219	7407613	7296204	7348345	0.76	cps
Bismuth	209-2	1945712	1915710	1908638	1923354	1.02	cps
Boron	10-1	43032	42531	42906	42823	0.61	cps
Boron	11-1	201977	199359	202062	201133	0.76	cps
Cadmium	111-1	1106	1206	1307	1206	8.34	cps
Cadmium	106-1	1442	1533	1625	1533	5.98	cps
Cadmium	108-1	29	25	8	21	52.93	cps
Calcium	43-1	1313009	1277987	1289490	1293495	1.38	cps
Calcium	44-1	20854012	20727693	20609948	20730551	0.59	cps
Chromium	52-2	1720	2010	1897	1876	7.79	cps
Cobalt	59-2	5221	5214	5028	5154	2.13	cps
Copper	63-2	2094	2037	1937	2022	3.92	cps
Dysprosium	156-1	817	742	792	783	4.88	cps
Dysprosium	156-2	183	180	183	182	1.06	cps
Erbium	164-1	600	658	683	647	6.61	cps
Erbium	164-2	133	117	103	118	12.76	cps
Gadolinium	160-1	883	792	717	797	10.47	cps
Gadolinium	160-2	193	200	227	207	8.53	cps
Holmium	165-1	11271652	11256588	11143292	11223844	0.63	cps
Holmium	165-2	2443045	2413969	2406257	2421091	0.80	cps
Indium	115-1	8806125	8820345	8810447	8812306	0.08	cps
Indium	115-2	402994	398906	400256	400719	0.52	cps
Iron	56-2	62147	53046	53531	56241	9.10	cps
Iron	57-2	1456	1439	1339	1411	4.47	cps
Lead	206-1	672	883	706	754	15.06	cps
Lead	207-1	544	700	811	685	19.55	cps
Lead	208-1	2906	3117	3161	3061	4.46	cps
Lithium	6-1	1351497	1375433	1362626	1363186	0.88	cps
Magnesium	24-2	776628	776071	773699	775466	0.20	cps
Manganese	55-2	49076	48384	48354	48604	0.84	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:19:34	DataFile Name :	068SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1634	1600	1692	1642	2.83	cps
Molybdenum	95-1	2559	1942	2400	2300	13.93	cps
Molybdenum	96-1	2634	2459	2400	2498	4.86	cps
Molybdenum	97-1	1433	1509	1275	1406	8.48	cps
Molybdenum	98-1	3642	3409	3801	3617	5.45	cps
Neodymium	150-1	1607	1613	1640	1620	1.09	cps
Neodymium	150-2	187	227	267	227	17.65	cps
Nickel	60-2	2037	1930	1840	1936	5.09	cps
Phosphorus	31-2	0	0	33	11	173.21	cps
Potassium	39-2	31511	31511	32647	31890	2.06	cps
Rhodium	103-1	7774415	7783450	7755070	7770978	0.19	cps
Rhodium	103-2	2147309	2147004	2146536	2146949	0.02	cps
Scandium	45-1	4558107	4551193	4546499	4551933	0.13	cps
Scandium	45-2	37714	37500	37540	37585	0.30	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-109	-31	-67	-69	-56.68	cps
Silicon	28-1	42168647	41742348	41071800	41660931	1.33	cps
Silver	109-1	7361	6969	7186	7172	2.74	cps
Silver	107-1	7794	7953	7803	7850	1.14	cps
Sodium	23-2	1835452	1838209	1824995	1832885	0.38	cps
Strontium	86-1	251766	255615	253283	253555	0.76	cps
Strontium	88-1	2267920	2283198	2210735	2253951	1.69	cps
Sulfur	34-1	537474	535614	531961	535016	0.52	cps
Terbium	159-1	11674975	11733484	11600528	11669662	0.57	cps
Terbium	159-2	2350010	2339314	2332146	2340490	0.38	cps
Thallium	203-1	208	250	258	239	11.21	cps
Thallium	205-1	675	683	642	667	3.31	cps
Tin	118-1	1058	900	800	920	14.17	cps
Titanium	47-1	783	908	733	808	11.15	cps
Uranium	238-1	4276	4618	4609	4501	4.33	cps
Vanadium	51-2	1450	1460	1507	1472	2.05	cps
Yttrium	89-1	8936456	9006188	8946838	8963161	0.42	cps
Yttrium	89-2	292642	290630	291496	291589	0.35	cps
Zinc	66-2	790	870	843	834	4.88	cps
Zirconium	90-1	533	625	575	578	7.94	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-14	Instrumnet Name :	P8
Client Sample ID :	MBDYW8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:19:34	DataFile Name :	068SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	175	142	142	23.53	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-17	Instrumnet Name :	P8
Client Sample ID :	MBDYX3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:22:40	DataFile Name :	069SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31202	30016	30626	30615	1.94	cps
Antimony	121-1	2217	2209	2000	2142	5.73	cps
Arsenic	75-2	296	265	280	280	5.62	cps
Barium	135-1	198933	200395	198555	199294	0.49	cps
Barium	137-1	352767	350131	345677	349525	1.03	cps
Beryllium	9-1	461	450	517	476	7.50	cps
Bismuth	209-1	7372334	7344641	7280787	7332588	0.64	cps
Bismuth	209-2	1901445	1870618	1872380	1881481	0.92	cps
Boron	10-1	20399	20557	19280	20079	3.47	cps
Boron	11-1	94268	93713	94176	94052	0.32	cps
Cadmium	111-1	1401	1431	1591	1474	6.91	cps
Cadmium	106-1	1717	1800	1900	1806	5.08	cps
Cadmium	108-1	54	54	21	43	44.71	cps
Calcium	43-1	902374	892900	897615	897630	0.53	cps
Calcium	44-1	14815429	14722647	14564365	14700814	0.86	cps
Chromium	52-2	8436	8623	8089	8383	3.23	cps
Cobalt	59-2	11445	11822	12129	11798	2.90	cps
Copper	63-2	16490	16907	16607	16668	1.29	cps
Dysprosium	156-1	26945	25951	26344	26414	1.90	cps
Dysprosium	156-2	5641	5791	5581	5671	1.91	cps
Erbium	164-1	25184	25576	25217	25326	0.86	cps
Erbium	164-2	5191	4944	4941	5025	2.85	cps
Gadolinium	160-1	24632	24457	24023	24371	1.29	cps
Gadolinium	160-2	6922	6909	6712	6847	1.72	cps
Holmium	165-1	11295151	11318915	11191141	11268402	0.60	cps
Holmium	165-2	2420303	2396008	2396874	2404395	0.57	cps
Indium	115-1	8772567	8783295	8767211	8774358	0.09	cps
Indium	115-2	398867	396984	395465	397105	0.43	cps
Iron	56-2	4022517	3916325	3910953	3949932	1.59	cps
Iron	57-2	97751	95956	98019	97242	1.15	cps
Lead	206-1	29201	29045	29050	29099	0.30	cps
Lead	207-1	23884	24151	23600	23879	1.15	cps
Lead	208-1	112820	112267	112129	112405	0.33	cps
Lithium	6-1	1358095	1349800	1353037	1353644	0.31	cps
Magnesium	24-2	371442	368422	369340	369735	0.42	cps
Manganese	55-2	450352	447767	447450	448523	0.35	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-17	Instrumnet Name :	P8
Client Sample ID :	MBDYX3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:22:40	DataFile Name :	069SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5168	5885	5435	5496	6.59	cps
Molybdenum	95-1	1367	1183	1158	1236	9.20	cps
Molybdenum	96-1	2567	2242	2350	2387	6.93	cps
Molybdenum	97-1	808	733	758	767	4.98	cps
Molybdenum	98-1	2125	2250	2259	2211	3.38	cps
Neodymium	150-1	34426	34446	34650	34507	0.36	cps
Neodymium	150-2	4824	4691	4394	4636	4.75	cps
Nickel	60-2	4084	3961	4051	4032	1.58	cps
Phosphorus	31-2	233	133	117	161	39.17	cps
Potassium	39-2	33524	33833	34585	33981	1.61	cps
Rhodium	103-1	7783774	7761452	7725875	7757034	0.38	cps
Rhodium	103-2	2146350	2115695	2130096	2130714	0.72	cps
Scandium	45-1	4608376	4596206	4579368	4594650	0.32	cps
Scandium	45-2	37697	37600	37457	37585	0.32	cps
Selenium	77-2	20	27	23	23	14.29	cps
Selenium	78-2	9	4	15	9	60.01	cps
Selenium	82-1	-84	-65	-91	-80	-16.55	cps
Silicon	28-1	29672693	29346185	29407719	29475533	0.59	cps
Silver	109-1	9412	9212	9270	9298	1.11	cps
Silver	107-1	9295	10013	9954	9754	4.08	cps
Sodium	23-2	7237568	7214656	7176298	7209507	0.43	cps
Strontium	86-1	522273	516479	513046	517266	0.90	cps
Strontium	88-1	4622473	4578824	4545490	4582262	0.84	cps
Sulfur	34-1	410752	407319	403667	407246	0.87	cps
Terbium	159-1	11748391	11573708	11604992	11642364	0.80	cps
Terbium	159-2	2330939	2328579	2320006	2326508	0.25	cps
Thallium	203-1	417	333	417	389	12.37	cps
Thallium	205-1	917	942	883	914	3.20	cps
Tin	118-1	1667	1700	1559	1642	4.51	cps
Titanium	47-1	180827	182937	186059	183274	1.44	cps
Uranium	238-1	29260	28517	28701	28826	1.34	cps
Vanadium	51-2	8253	8796	8443	8497	3.25	cps
Yttrium	89-1	9403192	9185826	9305671	9298230	1.17	cps
Yttrium	89-2	300756	299080	298136	299324	0.44	cps
Zinc	66-2	2414	2404	2427	2415	0.48	cps
Zirconium	90-1	13626	14476	13909	14004	3.09	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-17	Instrumnet Name :	P8
Client Sample ID :	MBDYX3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:22:40	DataFile Name :	069SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2934	2934	2984	2950	0.98	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-18 Instrumnet Name : P8
 Client Sample ID : MBDYX5 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 18:25:46 DataFile Name : 070SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40393	41019	39264	40225	2.21	cps
Antimony	121-1	4659	4293	5010	4654	7.70	cps
Arsenic	75-2	457	480	448	462	3.50	cps
Barium	135-1	197486	201732	198745	199321	1.09	cps
Barium	137-1	340769	349478	351472	347240	1.64	cps
Beryllium	9-1	394	267	361	341	19.45	cps
Bismuth	209-1	7326037	7457555	7446631	7410074	0.98	cps
Bismuth	209-2	1954699	1932047	1921053	1935933	0.89	cps
Boron	10-1	50280	53049	52245	51858	2.75	cps
Boron	11-1	232197	243626	247143	240989	3.24	cps
Cadmium	111-1	1428	1599	1508	1512	5.64	cps
Cadmium	106-1	1817	2009	1900	1909	5.04	cps
Cadmium	108-1	50	46	38	44	14.32	cps
Calcium	43-1	1713016	1762888	1720819	1732241	1.55	cps
Calcium	44-1	27479430	27669131	28035855	27728138	1.02	cps
Chromium	52-2	116325	129596	116664	120862	6.26	cps
Cobalt	59-2	15048	15088	15148	15095	0.33	cps
Copper	63-2	44749	45026	44592	44789	0.49	cps
Dysprosium	156-1	17487	17471	17763	17574	0.93	cps
Dysprosium	156-2	4231	4114	4154	4166	1.42	cps
Erbium	164-1	17079	17596	17154	17276	1.62	cps
Erbium	164-2	3451	3717	3371	3513	5.17	cps
Gadolinium	160-1	17512	18005	18414	17977	2.51	cps
Gadolinium	160-2	4824	5144	5191	5053	3.95	cps
Holmium	165-1	11461034	11463402	11534373	11486270	0.36	cps
Holmium	165-2	2502820	2521770	2497007	2507199	0.52	cps
Indium	115-1	8779293	9077086	9052385	8969588	1.84	cps
Indium	115-2	410397	411334	410352	410694	0.14	cps
Iron	56-2	5648101	5577691	5537603	5587798	1.00	cps
Iron	57-2	138798	139254	139492	139181	0.25	cps
Lead	206-1	25521	26695	26105	26107	2.25	cps
Lead	207-1	21107	20901	21168	21059	0.66	cps
Lead	208-1	99510	99620	99999	99710	0.26	cps
Lithium	6-1	1350412	1367736	1363663	1360604	0.67	cps
Magnesium	24-2	883085	879185	877270	879847	0.34	cps
Manganese	55-2	173161	172385	171714	172420	0.42	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-18	Instrumnet Name :	P8
Client Sample ID :	MBDYX5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:25:46	DataFile Name :	070SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	47124	45536	45327	45996	2.14	cps
Molybdenum	95-1	70476	70209	72159	70948	1.49	cps
Molybdenum	96-1	77103	76729	77883	77238	0.76	cps
Molybdenum	97-1	48986	45547	43872	46135	5.65	cps
Molybdenum	98-1	110943	116477	141028	122816	13.04	cps
Neodymium	150-1	23455	23969	24076	23833	1.39	cps
Neodymium	150-2	3314	3074	3247	3212	3.86	cps
Nickel	60-2	57120	54724	54909	55584	2.40	cps
Phosphorus	31-2	267	242	250	253	5.04	cps
Potassium	39-2	59850	60164	56900	58971	3.05	cps
Rhodium	103-1	7872926	8034820	7936946	7948231	1.03	cps
Rhodium	103-2	2173409	2200867	2180008	2184761	0.66	cps
Scandium	45-1	4594370	4729852	4709315	4677846	1.56	cps
Scandium	45-2	38884	39178	38513	38858	0.86	cps
Selenium	77-2	17	20	10	16	32.73	cps
Selenium	78-2	13	17	7	12	37.75	cps
Selenium	82-1	-56	2	-69	-41	-91.28	cps
Silicon	28-1	42887559	43930577	43789459	43535865	1.30	cps
Silver	109-1	14759	16586	17145	16163	7.72	cps
Silver	107-1	15026	17420	17554	16667	8.54	cps
Sodium	23-2	5040250	5043647	5055851	5046583	0.16	cps
Strontium	86-1	955092	974536	974002	967877	1.14	cps
Strontium	88-1	8286579	8407697	8448219	8380832	1.00	cps
Sulfur	34-1	661072	671822	671447	668114	0.91	cps
Terbium	159-1	11846882	11910799	12059736	11939139	0.91	cps
Terbium	159-2	2421462	2419715	2408628	2416602	0.29	cps
Thallium	203-1	417	633	525	525	20.64	cps
Thallium	205-1	1233	1283	1283	1267	2.28	cps
Tin	118-1	3109	2942	3167	3073	3.80	cps
Titanium	47-1	243985	251750	254707	250147	2.21	cps
Uranium	238-1	105773	110798	110521	109031	2.59	cps
Vanadium	51-2	8770	8996	8613	8793	2.19	cps
Yttrium	89-1	9182964	9390718	9346359	9306681	1.18	cps
Yttrium	89-2	305413	307575	306457	306482	0.35	cps
Zinc	66-2	10187	10257	10621	10355	2.25	cps
Zirconium	90-1	10838	11398	11558	11265	3.36	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-18	Instrumnet Name :	P8
Client Sample ID :	MBDYX5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:25:46	DataFile Name :	070SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2692	2509	2225	2475	9.50	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-19	Instrumnet Name :	P8
Client Sample ID :	MBDYZ8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:28:52	DataFile Name :	071SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	67	56	22.91	cps
Antimony	121-1	100	117	133	117	14.28	cps
Arsenic	75-2	4	4	6	4	24.86	cps
Barium	135-1	742	583	675	667	11.92	cps
Barium	137-1	1083	1242	1150	1158	6.86	cps
Beryllium	9-1	117	100	67	94	26.96	cps
Bismuth	209-1	7723378	7626986	7659736	7670033	0.64	cps
Bismuth	209-2	2028399	2042876	2013504	2028260	0.72	cps
Boron	10-1	7302	7269	6493	7021	6.52	cps
Boron	11-1	33465	33073	32112	32883	2.12	cps
Cadmium	111-1	1319	1390	1302	1337	3.48	cps
Cadmium	106-1	1867	1992	1867	1909	3.78	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	2392	2392	2259	2348	3.28	cps
Calcium	44-1	39607	39808	38437	39284	1.88	cps
Chromium	52-2	320	337	307	321	4.68	cps
Cobalt	59-2	87	87	70	81	11.87	cps
Copper	63-2	420	457	460	446	4.98	cps
Dysprosium	156-1	42	100	100	81	41.81	cps
Dysprosium	156-2	20	27	20	22	17.33	cps
Erbium	164-1	58	108	133	100	38.19	cps
Erbium	164-2	7	20	17	14	48.02	cps
Gadolinium	160-1	150	710	108	323	104.09	cps
Gadolinium	160-2	7	27	40	24	68.62	cps
Holmium	165-1	11550821	11469523	11449965	11490103	0.47	cps
Holmium	165-2	2502033	2529783	2506251	2512689	0.60	cps
Indium	115-1	9265279	9120942	9203458	9196560	0.79	cps
Indium	115-2	428756	426078	425798	426877	0.38	cps
Iron	56-2	8180	8509	7836	8175	4.12	cps
Iron	57-2	194	217	244	219	11.47	cps
Lead	206-1	383	400	333	372	9.32	cps
Lead	207-1	333	228	294	285	18.72	cps
Lead	208-1	1356	1456	1395	1402	3.60	cps
Lithium	6-1	1399201	1394924	1389705	1394610	0.34	cps
Magnesium	24-2	1083	1042	1209	1111	7.81	cps
Manganese	55-2	433	433	377	414	7.89	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-19	Instrumnet Name :	P8
Client Sample ID :	MBDYZ8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:28:52	DataFile Name :	071SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	225	183	233	23.42	cps
Molybdenum	95-1	67	33	83	61	41.67	cps
Molybdenum	96-1	75	125	83	94	28.37	cps
Molybdenum	97-1	83	83	92	86	5.58	cps
Molybdenum	98-1	67	42	33	47	36.74	cps
Neodymium	150-1	100	93	153	116	28.46	cps
Neodymium	150-2	17	3	7	9	78.08	cps
Nickel	60-2	327	257	330	304	13.60	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	2792	2292	2109	2398	14.76	cps
Rhodium	103-1	8361721	8314215	8298766	8324901	0.39	cps
Rhodium	103-2	2313101	2300223	2258008	2290444	1.26	cps
Scandium	45-1	4728135	4686463	4700649	4705082	0.45	cps
Scandium	45-2	39867	39653	39883	39801	0.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	6	4	50.09	cps
Selenium	82-1	-17	-45	-27	-30	-48.31	cps
Silicon	28-1	341347	339858	339069	340092	0.34	cps
Silver	109-1	5010	4393	4526	4643	6.99	cps
Silver	107-1	4768	5126	4826	4907	3.92	cps
Sodium	23-2	23938	23312	24096	23782	1.74	cps
Strontium	86-1	942	925	850	906	5.39	cps
Strontium	88-1	3217	3109	3201	3176	1.84	cps
Sulfur	34-1	351984	354184	354430	353533	0.38	cps
Terbium	159-1	12067744	11852695	11930817	11950419	0.91	cps
Terbium	159-2	2444204	2423798	2413300	2427101	0.65	cps
Thallium	203-1	133	133	125	131	3.68	cps
Thallium	205-1	350	333	350	344	2.79	cps
Tin	118-1	250	275	425	317	29.89	cps
Titanium	47-1	283	283	200	256	18.83	cps
Uranium	238-1	58	108	58	75	38.49	cps
Vanadium	51-2	23	27	7	19	56.72	cps
Yttrium	89-1	9355231	9189132	9237538	9260634	0.92	cps
Yttrium	89-2	309050	306764	306205	307339	0.49	cps
Zinc	66-2	117	73	87	92	24.07	cps
Zirconium	90-1	608	608	600	606	0.79	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-19	Instrumnet Name :	P8
Client Sample ID :	MBDYZ8	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:28:52	DataFile Name :	071SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	83	142	97	40.50	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-20	Instrumnet Name :	P8
Client Sample ID :	MBDYT3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:32:00	DataFile Name :	072SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2000	2067	2034	2034	1.64	cps
Antimony	121-1	1383	1433	1408	1408	1.78	cps
Arsenic	75-2	19	28	24	23	19.87	cps
Barium	135-1	30428	30061	31280	30589	2.04	cps
Barium	137-1	53693	55577	54203	54491	1.79	cps
Beryllium	9-1	106	106	128	113	11.36	cps
Bismuth	209-1	7780776	7753670	7697096	7743847	0.55	cps
Bismuth	209-2	1993670	1984276	1992602	1990183	0.26	cps
Boron	10-1	10613	10946	10137	10565	3.85	cps
Boron	11-1	49002	49770	49295	49356	0.79	cps
Cadmium	111-1	1244	1535	1336	1371	10.84	cps
Cadmium	106-1	1667	2009	1750	1809	9.85	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Calcium	43-1	460015	455895	449833	455248	1.13	cps
Calcium	44-1	7518842	7499751	7455207	7491267	0.44	cps
Chromium	52-2	3207	2800	2874	2960	7.32	cps
Cobalt	59-2	857	887	833	859	3.11	cps
Copper	63-2	10144	9814	9644	9867	2.58	cps
Dysprosium	156-1	1017	1042	917	992	6.68	cps
Dysprosium	156-2	163	253	247	221	22.68	cps
Erbium	164-1	758	842	875	825	7.28	cps
Erbium	164-2	180	153	153	162	9.49	cps
Gadolinium	160-1	1033	1125	1058	1072	4.42	cps
Gadolinium	160-2	210	293	227	243	18.12	cps
Holmium	165-1	11606429	11581414	11510985	11566276	0.43	cps
Holmium	165-2	2500239	2475459	2476724	2484140	0.56	cps
Indium	115-1	9230900	9101702	8979532	9104045	1.38	cps
Indium	115-2	413066	410481	412952	412166	0.35	cps
Iron	56-2	308645	304122	302402	305056	1.06	cps
Iron	57-2	8019	7786	7802	7869	1.66	cps
Lead	206-1	3167	3017	3434	3206	6.58	cps
Lead	207-1	2484	2673	2606	2587	3.70	cps
Lead	208-1	12103	11975	12175	12084	0.84	cps
Lithium	6-1	1412348	1402400	1392584	1402444	0.70	cps
Magnesium	24-2	287917	281662	286693	285424	1.16	cps
Manganese	55-2	8303	8616	8606	8508	2.09	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-20	Instrumnet Name :	P8
Client Sample ID :	MBDYT3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:32:00	DataFile Name :	072SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1567	1925	1884	1792	10.94	cps
Molybdenum	95-1	1192	1175	983	1117	10.37	cps
Molybdenum	96-1	1442	1433	1534	1470	3.78	cps
Molybdenum	97-1	850	925	808	861	6.87	cps
Molybdenum	98-1	1692	1867	1834	1797	5.17	cps
Neodymium	150-1	1380	1367	1287	1345	3.75	cps
Neodymium	150-2	190	180	170	180	5.56	cps
Nickel	60-2	1533	1530	1423	1496	4.18	cps
Phosphorus	31-2	42	25	25	31	31.50	cps
Potassium	39-2	17895	18296	18346	18179	1.36	cps
Rhodium	103-1	8125435	8044169	8018170	8062591	0.69	cps
Rhodium	103-2	2222746	2203170	2206199	2210705	0.48	cps
Scandium	45-1	4671240	4625504	4620444	4639063	0.60	cps
Scandium	45-2	37771	37935	38496	38067	1.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-44	-62	49	-19	-315.93	cps
Silicon	28-1	42470785	42227768	41826602	42175052	0.77	cps
Silver	109-1	8094	7986	8069	8050	0.70	cps
Silver	107-1	8712	8303	8345	8453	2.66	cps
Sodium	23-2	2630181	2589649	2633571	2617801	0.93	cps
Strontium	86-1	103851	105723	104448	104674	0.91	cps
Strontium	88-1	908353	904063	898994	903803	0.52	cps
Sulfur	34-1	507981	504912	503511	505468	0.45	cps
Terbium	159-1	12078757	12000669	11932211	12003879	0.61	cps
Terbium	159-2	2380323	2394327	2400699	2391783	0.44	cps
Thallium	203-1	250	150	158	186	29.81	cps
Thallium	205-1	458	333	458	417	17.32	cps
Tin	118-1	950	1050	733	911	17.77	cps
Titanium	47-1	17483	19223	14162	16956	15.17	cps
Uranium	238-1	683	592	567	614	10.01	cps
Vanadium	51-2	2287	2347	2244	2292	2.26	cps
Yttrium	89-1	9227028	9204508	9138122	9189886	0.50	cps
Yttrium	89-2	296772	295385	296473	296210	0.25	cps
Zinc	66-2	1657	1603	1770	1677	5.08	cps
Zirconium	90-1	3092	2834	2942	2956	4.39	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-20	Instrumnet Name :	P8
Client Sample ID :	MBDYT3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:32:00	DataFile Name :	072SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	600	783	925	770	21.20	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-21	Instrumnet Name :	P8
Client Sample ID :	MBDYW4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:35:07	DataFile Name :	073SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	458	508	444	16.17	cps
Antimony	121-1	2350	2467	2350	2389	2.82	cps
Arsenic	75-2	28	24	24	25	8.46	cps
Barium	135-1	114768	116854	114373	115332	1.16	cps
Barium	137-1	202608	201355	202131	202031	0.31	cps
Beryllium	9-1	139	89	83	104	29.50	cps
Bismuth	209-1	7777024	7630149	7485284	7630819	1.91	cps
Bismuth	209-2	1953497	1964298	1952772	1956856	0.33	cps
Boron	10-1	45598	45983	46986	46189	1.55	cps
Boron	11-1	213246	220123	221322	218230	2.00	cps
Cadmium	111-1	1535	1703	1528	1588	6.25	cps
Cadmium	106-1	1767	1967	1725	1820	7.10	cps
Cadmium	108-1	21	46	25	31	43.84	cps
Calcium	43-1	1177475	1171642	1157074	1168730	0.90	cps
Calcium	44-1	19274871	19175496	19131257	19193875	0.38	cps
Chromium	52-2	1870	2278	1783	1977	13.37	cps
Cobalt	59-2	5274	5394	5234	5301	1.57	cps
Copper	63-2	2317	2337	2407	2354	2.01	cps
Dysprosium	156-1	667	608	517	597	12.66	cps
Dysprosium	156-2	97	113	133	114	16.04	cps
Erbium	164-1	550	492	483	508	7.15	cps
Erbium	164-2	113	120	100	111	9.17	cps
Gadolinium	160-1	633	708	742	695	7.99	cps
Gadolinium	160-2	167	130	173	157	14.90	cps
Holmium	165-1	11703886	11597209	11509248	11603448	0.84	cps
Holmium	165-2	2491078	2457622	2439682	2462794	1.06	cps
Indium	115-1	9110941	9059207	8981030	9050392	0.72	cps
Indium	115-2	410666	409508	411672	410615	0.26	cps
Iron	56-2	68003	68119	67847	67990	0.20	cps
Iron	57-2	1611	1728	1778	1706	5.02	cps
Lead	206-1	3056	2912	3156	3041	4.04	cps
Lead	207-1	2656	2378	2723	2586	7.07	cps
Lead	208-1	12186	11697	12175	12019	2.32	cps
Lithium	6-1	1390623	1388735	1392854	1390737	0.15	cps
Magnesium	24-2	742842	741147	745103	743031	0.27	cps
Manganese	55-2	643590	640101	641366	641686	0.28	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-21	Instrumnet Name :	P8
Client Sample ID :	MBDYW4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:35:07	DataFile Name :	073SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11923	11572	12039	11845	2.05	cps
Molybdenum	95-1	19548	19815	19732	19698	0.69	cps
Molybdenum	96-1	20742	20675	21134	20850	1.19	cps
Molybdenum	97-1	12398	12590	13149	12712	3.07	cps
Molybdenum	98-1	31763	30987	30861	31204	1.57	cps
Neodymium	150-1	767	860	933	853	9.79	cps
Neodymium	150-2	140	110	133	128	12.33	cps
Nickel	60-2	3200	3247	3767	3405	9.24	cps
Phosphorus	31-2	25	17	8	17	50.01	cps
Potassium	39-2	85592	85006	85770	85456	0.47	cps
Rhodium	103-1	8071661	8071515	7967154	8036777	0.75	cps
Rhodium	103-2	2208453	2189087	2205504	2201015	0.47	cps
Scandium	45-1	4698854	4675263	4618207	4664108	0.89	cps
Scandium	45-2	37764	37948	38255	37989	0.65	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	9	6	7	31.45	cps
Selenium	82-1	-48	-42	-86	-59	-40.05	cps
Silicon	28-1	50183257	49671801	49209413	49688157	0.98	cps
Silver	109-1	7102	7586	6927	7205	4.74	cps
Silver	107-1	7811	7586	7527	7641	1.96	cps
Sodium	23-2	3326852	3260320	3242861	3276677	1.35	cps
Strontium	86-1	300333	301589	303669	301864	0.56	cps
Strontium	88-1	2720907	2695255	2672265	2696142	0.90	cps
Sulfur	34-1	670744	670844	663874	668487	0.60	cps
Terbium	159-1	12241352	11968485	11955969	12055269	1.34	cps
Terbium	159-2	2445948	2400754	2393625	2413442	1.18	cps
Thallium	203-1	267	267	283	272	3.54	cps
Thallium	205-1	700	542	583	608	13.49	cps
Tin	118-1	992	850	892	911	7.99	cps
Titanium	47-1	4829	2667	2642	3380	37.15	cps
Uranium	238-1	12766	12874	12799	12813	0.43	cps
Vanadium	51-2	1063	1103	1147	1105	3.77	cps
Yttrium	89-1	9206827	9267134	9125933	9199965	0.77	cps
Yttrium	89-2	297937	298048	295764	297250	0.43	cps
Zinc	66-2	7125	7342	7145	7204	1.66	cps
Zirconium	90-1	1050	1008	900	986	7.85	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-21	Instrumnet Name :	P8
Client Sample ID :	MBDYW4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:35:07	DataFile Name :	073SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	250	183	233	18.90	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX0	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:38:13	DataFile Name :	074SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	208	292	269	19.89	cps
Antimony	121-1	192	258	150	200	27.32	cps
Arsenic	75-2	9	2	9	7	63.01	cps
Barium	135-1	3967	4201	4068	4079	2.87	cps
Barium	137-1	7552	7361	7061	7325	3.38	cps
Beryllium	9-1	72	78	106	85	20.97	cps
Bismuth	209-1	7057369	7015670	6654619	6909219	3.21	cps
Bismuth	209-2	1734035	1810590	1835117	1793247	2.94	cps
Boron	10-1	10746	9654	10363	10254	5.41	cps
Boron	11-1	48943	48115	47103	48054	1.92	cps
Cadmium	111-1	1083	1215	968	1089	11.38	cps
Cadmium	106-1	1559	1709	1358	1542	11.39	cps
Cadmium	108-1	29	8	0	13	120.20	cps
Calcium	43-1	97068	96740	90944	94917	3.63	cps
Calcium	44-1	1639482	1629041	1522984	1597169	4.04	cps
Chromium	52-2	377	460	480	439	12.49	cps
Cobalt	59-2	197	253	233	228	12.62	cps
Copper	63-2	500	467	497	488	3.76	cps
Dysprosium	156-1	83	92	117	97	17.84	cps
Dysprosium	156-2	33	10	23	22	52.68	cps
Erbium	164-1	125	108	125	119	8.06	cps
Erbium	164-2	13	30	27	23	37.81	cps
Gadolinium	160-1	50	192	117	119	59.34	cps
Gadolinium	160-2	43	17	30	30	44.43	cps
Holmium	165-1	10513685	10670227	10068236	10417382	3.00	cps
Holmium	165-2	2218624	2264892	2321857	2268458	2.28	cps
Indium	115-1	8386646	8425451	8018486	8276861	2.71	cps
Indium	115-2	376713	386815	390743	384757	1.88	cps
Iron	56-2	36259	37830	39300	37796	4.02	cps
Iron	57-2	861	856	1028	915	10.70	cps
Lead	206-1	639	506	483	543	15.51	cps
Lead	207-1	489	422	511	474	9.76	cps
Lead	208-1	2250	2061	2100	2137	4.67	cps
Lithium	6-1	1263100	1274317	1216640	1251352	2.44	cps
Magnesium	24-2	47898	48568	48726	48397	0.91	cps
Manganese	55-2	11311	11592	11862	11588	2.38	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX0	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:38:13	DataFile Name :	074SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	725	842	725	764	8.82	cps
Molybdenum	95-1	1075	892	792	920	15.63	cps
Molybdenum	96-1	975	917	992	961	4.10	cps
Molybdenum	97-1	450	608	625	561	17.21	cps
Molybdenum	98-1	1383	1392	1392	1389	0.35	cps
Neodymium	150-1	93	93	93	93	0.00	cps
Neodymium	150-2	10	13	23	16	44.60	cps
Nickel	60-2	353	393	340	362	7.66	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	4117	4151	4051	4106	1.24	cps
Rhodium	103-1	7541575	7603078	7174105	7439586	3.12	cps
Rhodium	103-2	2040660	2061769	2091216	2064549	1.23	cps
Scandium	45-1	4304660	4348713	4088853	4247409	3.27	cps
Scandium	45-2	34957	35715	36147	35606	1.69	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	-28	-145	-54	-76	-80.92	cps
Silicon	28-1	2117194	2068733	1944773	2043566	4.35	cps
Silver	109-1	392	400	442	411	6.52	cps
Silver	107-1	350	358	475	394	17.72	cps
Sodium	23-2	92139	93070	94941	93383	1.53	cps
Strontium	86-1	24698	23547	23304	23850	3.12	cps
Strontium	88-1	203626	201982	190024	198544	3.74	cps
Sulfur	34-1	369625	371466	366092	369061	0.74	cps
Terbium	159-1	10849596	10956896	10350470	10718987	3.02	cps
Terbium	159-2	2151227	2215173	2210521	2192307	1.63	cps
Thallium	203-1	108	117	100	108	7.69	cps
Thallium	205-1	258	325	217	267	20.49	cps
Tin	118-1	800	933	708	814	13.90	cps
Titanium	47-1	1225	1008	4372	2202	85.49	cps
Uranium	238-1	2342	2167	2092	2200	5.83	cps
Vanadium	51-2	133	80	110	108	24.81	cps
Yttrium	89-1	8426634	8526079	8084104	8345606	2.78	cps
Yttrium	89-2	270699	276454	279822	275658	1.67	cps
Zinc	66-2	53	73	83	70	21.83	cps
Zirconium	90-1	708	600	600	636	9.83	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-01DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX0	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:38:13	DataFile Name :	074SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	150	125	136	9.35	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX1	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:41:21	DataFile Name :	075SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	17	19	24.73	cps
Antimony	121-1	192	150	233	192	21.74	cps
Arsenic	75-2	56	65	63	61	8.02	cps
Barium	135-1	12273	11639	12240	12050	2.96	cps
Barium	137-1	21535	21293	20926	21251	1.44	cps
Beryllium	9-1	72	50	78	67	22.05	cps
Bismuth	209-1	5834362	7041706	7110910	6662326	10.78	cps
Bismuth	209-2	1906448	1896054	1882505	1895002	0.63	cps
Boron	10-1	5401	5885	5668	5651	4.29	cps
Boron	11-1	27319	26475	27118	26971	1.63	cps
Cadmium	111-1	1013	1112	1173	1099	7.33	cps
Cadmium	106-1	1433	1567	1642	1547	6.82	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	123976	123236	125322	124178	0.85	cps
Calcium	44-1	2084226	2077193	2045393	2068937	1.00	cps
Chromium	52-2	313	330	343	329	4.57	cps
Cobalt	59-2	503	560	517	527	5.63	cps
Copper	63-2	547	533	580	553	4.34	cps
Dysprosium	156-1	17	50	33	33	50.00	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	33	67	33	44	43.31	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	58	108	50	72	43.68	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	8869290	10537615	10605044	10003983	9.83	cps
Holmium	165-2	2374161	2358179	2351505	2361282	0.49	cps
Indium	115-1	6959425	8427112	8422926	7936488	10.66	cps
Indium	115-2	400137	395463	397477	397692	0.59	cps
Iron	56-2	792358	794399	794481	793746	0.15	cps
Iron	57-2	20771	19698	19837	20102	2.90	cps
Lead	206-1	300	339	322	320	6.09	cps
Lead	207-1	244	283	250	259	8.11	cps
Lead	208-1	1028	1339	1289	1219	13.71	cps
Lithium	6-1	1064305	1268783	1303007	1212032	10.65	cps
Magnesium	24-2	76398	75250	75199	75616	0.90	cps
Manganese	55-2	114205	112905	114144	113751	0.65	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX1	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:41:21	DataFile Name :	075SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	367	283	311	15.47	cps
Molybdenum	95-1	317	375	342	344	8.50	cps
Molybdenum	96-1	258	433	333	342	25.70	cps
Molybdenum	97-1	208	208	217	211	2.28	cps
Molybdenum	98-1	342	417	433	397	12.29	cps
Neodymium	150-1	7	53	40	33	72.11	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	367	333	370	357	5.69	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3301	3676	3592	3523	5.59	cps
Rhodium	103-1	6270416	7568295	7597051	7145254	10.61	cps
Rhodium	103-2	2128532	2138740	2119432	2128901	0.45	cps
Scandium	45-1	3564288	4316855	4343499	4074881	10.86	cps
Scandium	45-2	36584	36534	36979	36699	0.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	17	-84	-92	-53	-114.73	cps
Silicon	28-1	2063030	2027431	2042464	2044309	0.87	cps
Silver	109-1	7241	925	925	3030	120.33	cps
Silver	107-1	7109	917	1033	3020	117.29	cps
Sodium	23-2	472853	472927	476685	474155	0.46	cps
Strontium	86-1	47827	47835	47885	47849	0.07	cps
Strontium	88-1	410222	409711	408480	409471	0.22	cps
Sulfur	34-1	353715	354753	353873	354114	0.16	cps
Terbium	159-1	9005180	10950084	11048235	10334499	11.15	cps
Terbium	159-2	2286716	2316145	2279165	2294009	0.85	cps
Thallium	203-1	92	158	92	114	33.80	cps
Thallium	205-1	250	250	300	267	10.83	cps
Tin	118-1	467	775	858	700	29.48	cps
Titanium	47-1	208	258	283	250	15.27	cps
Uranium	238-1	867	817	892	858	4.45	cps
Vanadium	51-2	37	33	23	31	22.31	cps
Yttrium	89-1	7055725	8412581	8595762	8021356	10.49	cps
Yttrium	89-2	288129	286080	286444	286884	0.38	cps
Zinc	66-2	100	67	90	86	19.99	cps
Zirconium	90-1	492	533	567	531	7.08	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-02DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX1	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:41:21	DataFile Name :	075SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	150	125	117	32.74	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-03DLX20 Instrumnet Name : P8
 Client Sample ID : MBDYX7 Dilution Factor : 20
 Date & Time Acquired :: 2017-12-18 18:44:27 DataFile Name : 076SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	8	8	33	129.92	cps
Antimony	121-1	125	117	158	133	16.54	cps
Arsenic	75-2	7	4	0	4	100.05	cps
Barium	135-1	2925	2867	3142	2978	4.87	cps
Barium	137-1	5318	5510	5518	5449	2.08	cps
Beryllium	9-1	67	39	94	67	41.67	cps
Bismuth	209-1	6986683	6953533	7000089	6980102	0.34	cps
Bismuth	209-2	1867202	1832078	1846865	1848715	0.95	cps
Boron	10-1	12372	12448	12714	12512	1.44	cps
Boron	11-1	57241	57859	58227	57776	0.86	cps
Cadmium	111-1	981	1226	943	1050	14.61	cps
Cadmium	106-1	1392	1725	1333	1483	14.25	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	88714	86702	89216	88211	1.51	cps
Calcium	44-1	1494863	1478886	1470759	1481503	0.83	cps
Chromium	52-2	367	310	293	323	11.89	cps
Cobalt	59-2	197	170	210	192	10.60	cps
Copper	63-2	243	367	287	299	20.93	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	58	75	42	58	28.57	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	58	92	58	69	27.71	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	10502406	10465128	10472411	10479982	0.19	cps
Holmium	165-2	2311262	2295615	2302213	2303030	0.34	cps
Indium	115-1	8246876	8311502	8255025	8271134	0.43	cps
Indium	115-2	390870	385656	387103	387876	0.69	cps
Iron	56-2	5507	5385	5579	5490	1.79	cps
Iron	57-2	183	106	172	154	27.37	cps
Lead	206-1	294	289	294	293	1.10	cps
Lead	207-1	261	283	311	285	8.79	cps
Lead	208-1	1261	1289	1306	1285	1.75	cps
Lithium	6-1	1259474	1270382	1271663	1267173	0.53	cps
Magnesium	24-2	50867	50607	50758	50744	0.26	cps
Manganese	55-2	73810	73552	73904	73756	0.25	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:44:27	DataFile Name :	076SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	267	325	297	9.85	cps
Molybdenum	95-1	267	300	275	281	6.18	cps
Molybdenum	96-1	250	233	208	231	9.09	cps
Molybdenum	97-1	117	117	167	133	21.65	cps
Molybdenum	98-1	425	267	292	328	25.97	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	293	303	327	308	5.56	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	3909	3592	4076	3859	6.36	cps
Rhodium	103-1	7504118	7447128	7419917	7457054	0.58	cps
Rhodium	103-2	2073676	2067848	2084725	2075416	0.41	cps
Scandium	45-1	4242723	4210245	4207311	4220093	0.47	cps
Scandium	45-2	35578	35184	35599	35454	0.66	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	9	6	57.80	cps
Selenium	82-1	-32	-29	-23	-28	-16.33	cps
Silicon	28-1	2179177	2166782	2149456	2165138	0.69	cps
Silver	109-1	550	392	492	478	16.76	cps
Silver	107-1	517	583	617	572	8.90	cps
Sodium	23-2	156015	154504	153603	154707	0.79	cps
Strontium	86-1	21451	21309	21409	21390	0.34	cps
Strontium	88-1	183991	181280	180406	181892	1.03	cps
Sulfur	34-1	363205	360203	360579	361329	0.45	cps
Terbium	159-1	10806499	10748242	10784001	10779581	0.27	cps
Terbium	159-2	2194508	2228357	2230106	2217657	0.90	cps
Thallium	203-1	133	142	108	128	13.58	cps
Thallium	205-1	325	367	217	303	25.57	cps
Tin	118-1	1075	1042	717	945	20.96	cps
Titanium	47-1	275	283	333	297	10.61	cps
Uranium	238-1	1150	1333	1150	1211	8.74	cps
Vanadium	51-2	90	50	63	68	30.05	cps
Yttrium	89-1	8409600	8340619	8336898	8362372	0.49	cps
Yttrium	89-2	279551	276431	279915	278632	0.69	cps
Zinc	66-2	20	53	33	36	47.19	cps
Zirconium	90-1	492	458	700	550	23.81	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:44:27	DataFile Name :	076SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	142	125	122	17.16	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7D	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:47:35	DataFile Name :	077SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	42	50	31	87.67	cps
Antimony	121-1	108	75	117	100	22.05	cps
Arsenic	75-2	11	2	4	6	88.24	cps
Barium	135-1	3259	3401	3151	3270	3.83	cps
Barium	137-1	5568	5593	5518	5560	0.69	cps
Beryllium	9-1	67	78	100	81	20.83	cps
Bismuth	209-1	6886669	6967656	6992927	6949084	0.80	cps
Bismuth	209-2	1836802	1855146	1841965	1844638	0.51	cps
Boron	10-1	11964	12181	12698	12281	3.07	cps
Boron	11-1	56470	56705	58704	57293	2.14	cps
Cadmium	111-1	1076	959	1144	1060	8.83	cps
Cadmium	106-1	1525	1358	1625	1503	8.97	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Calcium	43-1	88528	89677	89510	89238	0.70	cps
Calcium	44-1	1486744	1466413	1500710	1484622	1.16	cps
Chromium	52-2	317	357	340	338	5.95	cps
Cobalt	59-2	197	177	190	188	5.42	cps
Copper	63-2	257	317	337	303	13.73	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	33	83	53	50.76	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	83	50	8	47	79.58	cps
Gadolinium	160-2	3	20	3	9	108.30	cps
Holmium	165-1	10421087	10478310	10312848	10404082	0.81	cps
Holmium	165-2	2307552	2317815	2274820	2300062	0.98	cps
Indium	115-1	8253724	8161698	8263528	8226316	0.68	cps
Indium	115-2	388163	384881	385701	386248	0.44	cps
Iron	56-2	5290	5479	5429	5399	1.81	cps
Iron	57-2	128	133	106	122	12.03	cps
Lead	206-1	283	272	372	309	17.72	cps
Lead	207-1	239	322	261	274	15.75	cps
Lead	208-1	1189	1350	1411	1317	8.72	cps
Lithium	6-1	1248207	1258125	1278147	1261493	1.21	cps
Magnesium	24-2	50181	51620	50825	50875	1.42	cps
Manganese	55-2	73458	74682	74142	74094	0.83	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7D	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:47:35	DataFile Name :	077SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	250	292	278	8.66	cps
Molybdenum	95-1	233	192	233	219	10.96	cps
Molybdenum	96-1	242	333	392	322	23.47	cps
Molybdenum	97-1	158	117	125	133	16.54	cps
Molybdenum	98-1	333	292	483	369	27.29	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	310	293	363	322	11.35	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	4159	3892	3359	3803	10.71	cps
Rhodium	103-1	7340960	7446856	7382951	7390256	0.72	cps
Rhodium	103-2	2096274	2057739	2041905	2065306	1.35	cps
Scandium	45-1	4214191	4213391	4183362	4203648	0.42	cps
Scandium	45-2	35405	34559	34706	34890	1.29	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-52	-84	-87	-74	-26.24	cps
Silicon	28-1	2160346	2134939	2156051	2150445	0.63	cps
Silver	109-1	350	483	492	442	18.00	cps
Silver	107-1	550	417	483	483	13.79	cps
Sodium	23-2	156813	155338	153712	155288	1.00	cps
Strontium	86-1	21267	20942	21059	21089	0.78	cps
Strontium	88-1	181316	180877	178968	180387	0.69	cps
Sulfur	34-1	364383	367623	371681	367896	0.99	cps
Terbium	159-1	10690544	10831618	10660928	10727697	0.85	cps
Terbium	159-2	2223035	2212008	2195633	2210225	0.62	cps
Thallium	203-1	167	125	83	125	33.33	cps
Thallium	205-1	250	300	317	289	12.01	cps
Tin	118-1	867	725	842	811	9.32	cps
Titanium	47-1	225	300	183	236	25.04	cps
Uranium	238-1	1283	1242	1150	1225	5.57	cps
Vanadium	51-2	93	67	63	74	22.09	cps
Yttrium	89-1	8296466	8297888	8283055	8292470	0.10	cps
Yttrium	89-2	276349	276320	276093	276254	0.05	cps
Zinc	66-2	37	33	27	32	15.80	cps
Zirconium	90-1	525	492	450	489	7.69	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-04DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7D	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:47:35	DataFile Name :	077SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	117	100	114	11.18	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDYX7L	Dilution Factor :	100
Date & Time Acquired ::	2017-12-18 18:50:43	DataFile Name :	078SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	17	14	34.67	cps
Antimony	121-1	150	158	142	150	5.56	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	567	642	617	608	6.28	cps
Barium	137-1	1183	1000	1192	1125	9.63	cps
Beryllium	9-1	39	94	44	59	51.63	cps
Bismuth	209-1	6949429	5942408	6967244	6619694	8.86	cps
Bismuth	209-2	1859847	1862148	1860024	1860673	0.07	cps
Boron	10-1	5243	5285	5043	5190	2.49	cps
Boron	11-1	25089	24580	25632	25100	2.10	cps
Cadmium	111-1	1036	905	1156	1032	12.17	cps
Cadmium	106-1	1467	1275	1609	1450	11.54	cps
Cadmium	108-1	17	0	4	7	124.88	cps
Calcium	43-1	17361	17570	17862	17598	1.43	cps
Calcium	44-1	293519	297296	292526	294447	0.85	cps
Chromium	52-2	393	353	313	353	11.32	cps
Cobalt	59-2	157	170	157	161	4.78	cps
Copper	63-2	297	273	283	284	4.12	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	33	50	42	20.00	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	50	42	67	53	24.12	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	10397035	8790550	10361671	9849752	9.31	cps
Holmium	165-2	2316381	2326876	2309700	2317652	0.37	cps
Indium	115-1	8080210	6981797	8232563	7764857	8.79	cps
Indium	115-2	390807	388023	388397	389076	0.39	cps
Iron	56-2	2428	2284	2511	2408	4.79	cps
Iron	57-2	50	28	89	56	55.68	cps
Lead	206-1	706	639	583	643	9.52	cps
Lead	207-1	583	517	506	535	7.86	cps
Lead	208-1	2617	2311	2384	2437	6.55	cps
Lithium	6-1	1258754	1079514	1267712	1201993	8.83	cps
Magnesium	24-2	10263	10596	10221	10360	1.99	cps
Manganese	55-2	14274	13984	14451	14236	1.66	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDYX7L	Dilution Factor :	100
Date & Time Acquired ::	2017-12-18 18:50:43	DataFile Name :	078SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	108	175	208	164	31.07	cps
Molybdenum	95-1	58	83	67	69	18.33	cps
Molybdenum	96-1	50	108	125	94	41.70	cps
Molybdenum	97-1	83	33	108	75	50.92	cps
Molybdenum	98-1	58	92	100	83	26.46	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	313	283	290	296	5.33	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	2667	2550	2509	2575	3.19	cps
Rhodium	103-1	7368849	6298734	7467726	7045103	9.20	cps
Rhodium	103-2	2081792	2073189	2044637	2066539	0.94	cps
Scandium	45-1	4206817	3574144	4146113	3975692	8.78	cps
Scandium	45-2	34860	35061	35097	35006	0.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	31	-90	-99	-53	-137.70	cps
Silicon	28-1	782800	788079	785251	785377	0.34	cps
Silver	109-1	325	1485	392	734	88.73	cps
Silver	107-1	400	1717	650	923	75.84	cps
Sodium	23-2	46744	47321	46293	46786	1.10	cps
Strontium	86-1	4526	4609	4484	4540	1.40	cps
Strontium	88-1	34679	35071	34219	34656	1.23	cps
Sulfur	34-1	358401	358805	356359	357855	0.37	cps
Terbium	159-1	10666566	9145770	10749580	10187305	8.86	cps
Terbium	159-2	2246188	2246916	2237441	2243515	0.24	cps
Thallium	203-1	150	175	150	158	9.12	cps
Thallium	205-1	467	450	358	425	13.73	cps
Tin	118-1	792	817	767	792	3.16	cps
Titanium	47-1	158	150	108	139	19.29	cps
Uranium	238-1	183	217	283	228	22.35	cps
Vanadium	51-2	23	30	23	26	15.07	cps
Yttrium	89-1	8243857	7002286	8181122	7809088	8.96	cps
Yttrium	89-2	278190	274492	274232	275638	0.80	cps
Zinc	66-2	100	70	90	87	17.63	cps
Zirconium	90-1	400	392	542	444	18.97	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-03LDLX100	Instrumnet Name :	P8
Client Sample ID :	MBDYX7L	Dilution Factor :	100
Date & Time Acquired ::	2017-12-18 18:50:43	DataFile Name :	078SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	108	142	131	14.74	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7S	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:53:50	DataFile Name :	079SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	625	358	508	497	26.89	cps
Antimony	121-1	44175	44985	43555	44238	1.62	cps
Arsenic	75-2	193	198	167	186	9.04	cps
Barium	135-1	190897	190265	188862	190008	0.55	cps
Barium	137-1	336907	329800	332242	332983	1.08	cps
Beryllium	9-1	2600	2456	2534	2530	2.86	cps
Bismuth	209-1	6999701	7001100	7027653	7009485	0.22	cps
Bismuth	209-2	1839605	1853647	1846802	1846685	0.38	cps
Boron	10-1	11580	12031	12573	12061	4.12	cps
Boron	11-1	55232	55977	57818	56342	2.36	cps
Cadmium	111-1	5696	5746	5619	5687	1.13	cps
Cadmium	106-1	2042	2067	1925	2011	3.76	cps
Cadmium	108-1	263	342	304	303	13.08	cps
Calcium	43-1	92319	92253	91054	91875	0.78	cps
Calcium	44-1	1544502	1530272	1546011	1540262	0.56	cps
Chromium	52-2	7679	7562	7782	7674	1.43	cps
Cobalt	59-2	39389	39105	39336	39277	0.38	cps
Copper	63-2	17034	16770	17044	16949	0.92	cps
Dysprosium	156-1	8	75	33	39	86.62	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	42	75	92	69	36.66	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	83	83	92	86	5.58	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	10368899	10504155	10399702	10424252	0.68	cps
Holmium	165-2	2330208	2306147	2262956	2299770	1.48	cps
Indium	115-1	8271565	8205136	8167224	8214642	0.64	cps
Indium	115-2	386415	381718	381023	383052	0.77	cps
Iron	56-2	31302	31030	30868	31067	0.71	cps
Iron	57-2	739	878	711	776	11.51	cps
Lead	206-1	6313	5929	6102	6115	3.14	cps
Lead	207-1	5490	5246	5562	5433	3.06	cps
Lead	208-1	24627	24966	25211	24934	1.18	cps
Lithium	6-1	1269142	1262283	1263024	1264816	0.30	cps
Magnesium	24-2	52548	51001	52882	52144	1.93	cps
Manganese	55-2	81644	80406	81224	81091	0.78	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7S	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:53:50	DataFile Name :	079SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	400	300	342	15.23	cps
Molybdenum	95-1	183	250	283	239	21.32	cps
Molybdenum	96-1	392	292	242	308	24.77	cps
Molybdenum	97-1	175	158	208	181	14.10	cps
Molybdenum	98-1	467	225	308	333	36.83	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	11618	11728	11638	11662	0.50	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	4117	3951	3717	3928	5.12	cps
Rhodium	103-1	7444673	7413117	7372045	7409945	0.49	cps
Rhodium	103-2	2066671	2050574	2032045	2049763	0.85	cps
Scandium	45-1	4243616	4201681	4176729	4207342	0.80	cps
Scandium	45-2	34883	34957	34516	34785	0.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	9	19	14	32.83	cps
Selenium	82-1	539	491	532	521	5.06	cps
Silicon	28-1	2228280	2201915	2204820	2211672	0.65	cps
Silver	109-1	15994	16252	17913	16719	6.23	cps
Silver	107-1	17303	17879	17879	17687	1.88	cps
Sodium	23-2	157059	155204	155634	155965	0.62	cps
Strontium	86-1	22461	22428	21109	21999	3.50	cps
Strontium	88-1	186627	186212	186196	186345	0.13	cps
Sulfur	34-1	366311	368220	363863	366131	0.60	cps
Terbium	159-1	10855530	10843399	10794685	10831205	0.30	cps
Terbium	159-2	2261407	2207455	2223300	2230721	1.24	cps
Thallium	203-1	17630	18940	18080	18217	3.65	cps
Thallium	205-1	43467	42932	42940	43113	0.71	cps
Tin	118-1	883	750	633	756	16.56	cps
Titanium	47-1	283	400	258	314	24.09	cps
Uranium	238-1	1292	1192	1325	1270	5.47	cps
Vanadium	51-2	13747	13447	13633	13609	1.11	cps
Yttrium	89-1	8260525	8238666	8278585	8259259	0.24	cps
Yttrium	89-2	274262	272606	272232	273033	0.40	cps
Zinc	66-2	3194	3387	3284	3288	2.94	cps
Zirconium	90-1	400	583	508	497	18.54	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-05DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX7S	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 18:53:50	DataFile Name :	079SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	175	100	142	26.95	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P8
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:56:58	DataFile Name :	080SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	256011	252210	253396	253872	0.77	cps
Antimony	121-1	4118320	4158421	4097293	4124678	0.75	cps
Arsenic	75-2	45707	45335	46469	45837	1.26	cps
Barium	135-1	4381329	4400033	4415439	4398934	0.39	cps
Barium	137-1	7498183	7559123	7540003	7532436	0.41	cps
Beryllium	9-1	447366	448566	448952	448295	0.18	cps
Bismuth	209-1	6790488	6777553	6789124	6785722	0.10	cps
Bismuth	209-2	1788874	1751478	1767049	1769134	1.06	cps
Boron	10-1	53107	53877	55625	54203	2.38	cps
Boron	11-1	243776	250909	257174	250620	2.67	cps
Cadmium	111-1	819110	817894	819157	818720	0.09	cps
Cadmium	106-1	87107	86779	86193	86693	0.53	cps
Cadmium	108-1	59631	58736	58581	58983	0.96	cps
Calcium	43-1	3909227	3913201	3954618	3925682	0.64	cps
Calcium	44-1	63164114	63826201	63776674	63588997	0.58	cps
Chromium	52-2	341570	342053	343603	342409	0.31	cps
Cobalt	59-2	716400	712098	719212	715903	0.50	cps
Copper	63-2	1208984	1212245	1217419	1212883	0.35	cps
Dysprosium	156-1	92	108	100	100	8.33	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	75	92	50	72	29.04	cps
Erbium	164-2	10	3	17	10	66.70	cps
Gadolinium	160-1	92	108	92	97	9.90	cps
Gadolinium	160-2	7	17	20	14	48.02	cps
Holmium	165-1	10597042	10677587	10623695	10632774	0.39	cps
Holmium	165-2	2348893	2350629	2362705	2354076	0.32	cps
Indium	115-1	8072895	8142452	8117608	8110985	0.43	cps
Indium	115-2	382784	378291	383596	381557	0.75	cps
Iron	56-2	57562051	57498993	57800842	57620629	0.28	cps
Iron	57-2	1490439	1486030	1477835	1484768	0.43	cps
Lead	206-1	2768678	2739116	2718912	2742235	0.91	cps
Lead	207-1	2503834	2524790	2529198	2519274	0.54	cps
Lead	208-1	11165801	11131374	11078345	11125174	0.40	cps
Lithium	6-1	1231915	1249542	1266481	1249313	1.38	cps
Magnesium	24-2	5772139	5772785	5853832	5799585	0.81	cps
Manganese	55-2	202545	203580	205351	203826	0.70	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P8
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:56:58	DataFile Name :	080SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6665118	6745872	6687672	6699554	0.62	cps
Molybdenum	95-1	8183302	8142990	8238631	8188308	0.59	cps
Molybdenum	96-1	9064936	9159847	9123250	9116011	0.53	cps
Molybdenum	97-1	5169987	5176802	5184240	5177010	0.14	cps
Molybdenum	98-1	13159346	13196704	13137874	13164641	0.23	cps
Neodymium	150-1	173	207	220	200	12.02	cps
Neodymium	150-2	3	3	20	9	108.30	cps
Nickel	60-2	204910	206970	206906	206262	0.57	cps
Phosphorus	31-2	3551	3317	3626	3498	4.60	cps
Potassium	39-2	1813790	1758824	1812228	1794947	1.74	cps
Rhodium	103-1	7183589	7138976	7156013	7159526	0.31	cps
Rhodium	103-2	2021808	2025010	1995280	2014033	0.81	cps
Scandium	45-1	4253379	4289573	4300119	4281024	0.57	cps
Scandium	45-2	36618	37039	37711	37123	1.48	cps
Selenium	77-2	297	340	390	342	13.65	cps
Selenium	78-2	1115	1030	1115	1086	4.53	cps
Selenium	82-1	49955	50101	50240	50099	0.28	cps
Silicon	28-1	1615134	1626491	1642817	1628147	0.85	cps
Silver	109-1	3902911	3910825	3907710	3907148	0.10	cps
Silver	107-1	4044628	4033938	4032335	4036967	0.17	cps
Sodium	23-2	13452446	13445629	13626565	13508213	0.76	cps
Strontium	86-1	1055888	1063596	1074721	1064735	0.89	cps
Strontium	88-1	9225271	9324233	9306463	9285322	0.57	cps
Sulfur	34-1	575753	579465	582707	579309	0.60	cps
Terbium	159-1	11001210	11069482	10945214	11005302	0.57	cps
Terbium	159-2	2266288	2262696	2265113	2264699	0.08	cps
Thallium	203-1	3335836	3332105	3363044	3343662	0.51	cps
Thallium	205-1	7821856	7846797	7756768	7808474	0.60	cps
Tin	118-1	2799373	2834006	2814110	2815830	0.62	cps
Titanium	47-1	2018731	2027655	1996619	2014335	0.79	cps
Uranium	238-1	10989764	10894050	10894941	10926252	0.50	cps
Vanadium	51-2	259832	259273	263684	260930	0.92	cps
Yttrium	89-1	8388995	8454049	8472878	8438640	0.52	cps
Yttrium	89-2	286784	284121	286430	285778	0.51	cps
Zinc	66-2	113728	114746	114806	114427	0.53	cps
Zirconium	90-1	5572032	5617842	5601785	5597219	0.42	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV078	Instrumnet Name :	P8
Client Sample ID :	CCV078	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:56:58	DataFile Name :	080SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1229512	1246200	1240844	1238852	0.69	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P8
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:59:56	DataFile Name :	081SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	0	6	86.60	cps
Antimony	121-1	1875	2184	2050	2036	7.60	cps
Arsenic	75-2	2	7	13	7	75.00	cps
Barium	135-1	33	58	42	44	28.65	cps
Barium	137-1	92	75	58	75	22.22	cps
Beryllium	9-1	417	439	350	402	11.51	cps
Bismuth	209-1	7139438	7094247	7126256	7119980	0.33	cps
Bismuth	209-2	1926031	1706853	1721126	1784670	6.87	cps
Boron	10-1	3976	4042	3867	3962	2.23	cps
Boron	11-1	18513	17854	17628	17998	2.55	cps
Cadmium	111-1	1085	1107	1286	1159	9.50	cps
Cadmium	106-1	1467	1525	1759	1584	9.75	cps
Cadmium	108-1	0	21	17	13	88.19	cps
Calcium	43-1	933	1083	975	997	7.77	cps
Calcium	44-1	15910	15551	16402	15954	2.68	cps
Chromium	52-2	303	293	343	313	8.44	cps
Cobalt	59-2	50	43	57	50	13.34	cps
Copper	63-2	297	240	270	269	10.54	cps
Dysprosium	156-1	0	42	8	17	132.30	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	67	42	47	36.74	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	33	25	58	39	44.62	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	10641747	10580151	10587799	10603233	0.32	cps
Holmium	165-2	2369716	2111720	2191967	2224468	5.94	cps
Indium	115-1	8580984	8527641	8567394	8558673	0.32	cps
Indium	115-2	401877	361273	373335	378828	5.50	cps
Iron	56-2	2867	2800	2778	2815	1.64	cps
Iron	57-2	111	100	61	91	28.94	cps
Lead	206-1	428	367	322	372	14.24	cps
Lead	207-1	367	383	417	389	6.55	cps
Lead	208-1	1689	1489	1600	1593	6.29	cps
Lithium	6-1	1334976	1342297	1326888	1334720	0.58	cps
Magnesium	24-2	517	575	550	547	5.35	cps
Manganese	55-2	53	50	47	50	6.66	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P8
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:59:56	DataFile Name :	081SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	600	567	517	561	7.48	cps
Molybdenum	95-1	492	308	375	392	23.69	cps
Molybdenum	96-1	683	592	467	581	18.73	cps
Molybdenum	97-1	300	350	283	311	11.15	cps
Molybdenum	98-1	792	800	708	767	6.61	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	190	293	273	252	21.73	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2509	2617	2442	2523	3.50	cps
Rhodium	103-1	7783722	7677784	7706394	7722633	0.71	cps
Rhodium	103-2	2124707	1911757	2002409	2012958	5.31	cps
Scandium	45-1	4445569	4370816	4411968	4409451	0.85	cps
Scandium	45-2	36852	33347	35178	35125	4.99	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-55	-114	-110	-93	-35.79	cps
Silicon	28-1	339678	341014	339311	340001	0.26	cps
Silver	109-1	2275	2009	1834	2039	10.91	cps
Silver	107-1	2509	2217	1992	2239	11.57	cps
Sodium	23-2	21909	21259	21667	21612	1.52	cps
Strontium	86-1	608	442	483	511	16.97	cps
Strontium	88-1	150	108	175	144	23.32	cps
Sulfur	34-1	353336	352023	358184	354514	0.92	cps
Terbium	159-1	11083808	11002527	11082601	11056312	0.42	cps
Terbium	159-2	2287850	2058206	2147267	2164441	5.35	cps
Thallium	203-1	883	667	717	756	15.02	cps
Thallium	205-1	2142	1850	1784	1925	9.90	cps
Tin	118-1	925	1325	1125	1125	17.78	cps
Titanium	47-1	100	100	108	103	4.68	cps
Uranium	238-1	142	167	125	144	14.52	cps
Vanadium	51-2	17	20	0	12	87.67	cps
Yttrium	89-1	8640625	8600213	8615973	8618937	0.24	cps
Yttrium	89-2	288333	258357	270440	272377	5.54	cps
Zinc	66-2	17	30	7	18	65.83	cps
Zirconium	90-1	742	675	708	708	4.71	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB078	Instrumnet Name :	P8
Client Sample ID :	CCB078	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 18:59:56	DataFile Name :	081SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	208	150	178	16.46	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P8
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:03:03	DataFile Name :	082CCV_P8121817MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	261822	262758	260605	261728	0.41	cps
Antimony	121-1	4116559	4076372	4082261	4091731	0.53	cps
Arsenic	75-2	46387	45747	47288	46474	1.67	cps
Barium	135-1	4383912	4364407	4362123	4370147	0.27	cps
Barium	137-1	7474825	7507648	7510845	7497772	0.27	cps
Beryllium	9-1	457896	454754	455491	456047	0.36	cps
Bismuth	209-1	6716110	6727058	6731044	6724737	0.11	cps
Bismuth	209-2	1795464	1792293	1787562	1791773	0.22	cps
Boron	10-1	53718	53977	55107	54267	1.36	cps
Boron	11-1	248627	254688	256553	253289	1.64	cps
Cadmium	111-1	817696	820202	812920	816939	0.45	cps
Cadmium	106-1	85496	86696	85772	85988	0.73	cps
Cadmium	108-1	58778	58364	59798	58980	1.25	cps
Calcium	43-1	3953727	3938703	3926007	3939479	0.35	cps
Calcium	44-1	64783133	64096229	64158931	64346097	0.59	cps
Chromium	52-2	348833	351854	352318	351002	0.54	cps
Cobalt	59-2	732209	728809	733199	731406	0.31	cps
Copper	63-2	1227133	1229885	1233596	1230205	0.26	cps
Dysprosium	156-1	42	42	100	61	55.11	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	67	33	44	43.30	cps
Erbium	164-2	17	7	27	17	59.99	cps
Gadolinium	160-1	58	33	150	81	76.25	cps
Gadolinium	160-2	7	23	10	13	66.12	cps
Holmium	165-1	10732088	10562541	10587512	10627380	0.86	cps
Holmium	165-2	2370099	2381517	2379841	2377152	0.26	cps
Indium	115-1	8206754	8092138	8144528	8147806	0.70	cps
Indium	115-2	392212	389666	394695	392191	0.64	cps
Iron	56-2	58734258	58713422	58567046	58671575	0.16	cps
Iron	57-2	1512451	1501459	1501717	1505209	0.42	cps
Lead	206-1	2656329	2658135	2674180	2662881	0.37	cps
Lead	207-1	2442684	2436482	2429056	2436074	0.28	cps
Lead	208-1	10816798	10788971	10830807	10812192	0.20	cps
Lithium	6-1	1271755	1280305	1275765	1275942	0.34	cps
Magnesium	24-2	5908670	5951433	5945210	5935104	0.39	cps
Manganese	55-2	210348	207462	211202	209671	0.93	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P8
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:03:03	DataFile Name :	082CCV_P8121817MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6733236	6685166	6689733	6702712	0.40	cps
Molybdenum	95-1	8210698	8167124	8149804	8175876	0.38	cps
Molybdenum	96-1	9155864	9080002	9127134	9121000	0.42	cps
Molybdenum	97-1	5239135	5251746	5172390	5221090	0.82	cps
Molybdenum	98-1	13206530	13215806	13189562	13203966	0.10	cps
Neodymium	150-1	160	273	220	218	26.04	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	210542	208033	212112	210229	0.98	cps
Phosphorus	31-2	4001	3509	3692	3734	6.66	cps
Potassium	39-2	1843923	1824697	1877419	1848680	1.44	cps
Rhodium	103-1	7327611	7236203	7181364	7248392	1.02	cps
Rhodium	103-2	2051748	2027214	2025626	2034863	0.72	cps
Scandium	45-1	4418899	4381302	4370671	4390291	0.58	cps
Scandium	45-2	38035	38409	38128	38191	0.51	cps
Selenium	77-2	390	293	360	348	14.23	cps
Selenium	78-2	1104	1113	1120	1112	0.75	cps
Selenium	82-1	51014	50284	50903	50733	0.77	cps
Silicon	28-1	1625527	1636186	1633614	1631775	0.34	cps
Silver	109-1	3914104	3912760	3896932	3907932	0.24	cps
Silver	107-1	4056693	4049951	4054260	4053635	0.08	cps
Sodium	23-2	13932909	13669515	13851947	13818124	0.98	cps
Strontium	86-1	1070783	1072383	1068045	1070404	0.20	cps
Strontium	88-1	9361578	9263301	9305967	9310282	0.53	cps
Sulfur	34-1	585057	585740	579494	583430	0.59	cps
Terbium	159-1	11003087	11040271	10962106	11001821	0.36	cps
Terbium	159-2	2309298	2292008	2310801	2304035	0.45	cps
Thallium	203-1	3272913	3278143	3240185	3263747	0.63	cps
Thallium	205-1	7651139	7627610	7601478	7626742	0.33	cps
Tin	118-1	2821725	2795962	2795383	2804357	0.54	cps
Titanium	47-1	2030793	2032744	2020021	2027853	0.34	cps
Uranium	238-1	10680431	10651745	10738909	10690362	0.42	cps
Vanadium	51-2	268400	265127	269410	267646	0.84	cps
Yttrium	89-1	8646398	8460848	8543182	8550143	1.09	cps
Yttrium	89-2	294384	291906	294669	293653	0.52	cps
Zinc	66-2	116958	115422	117745	116708	1.01	cps
Zirconium	90-1	5664230	5611914	5613890	5630011	0.53	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV079	Instrumnet Name :	P8
Client Sample ID :	CCV079	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:03:03	DataFile Name :	082CCV_P8121817MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1246877	1238666	1232965	1239503	0.56	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P8
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:07:34	DataFile Name :	083CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	0	0	11	173.21	cps
Antimony	121-1	1400	1433	1509	1447	3.83	cps
Arsenic	75-2	4	4	2	3	34.64	cps
Barium	135-1	83	83	33	67	43.30	cps
Barium	137-1	92	125	42	86	48.71	cps
Beryllium	9-1	356	311	350	339	7.15	cps
Bismuth	209-1	6939116	6956779	7072527	6989474	1.04	cps
Bismuth	209-2	1908293	1910711	1889356	1902786	0.61	cps
Boron	10-1	3000	2950	2467	2806	10.50	cps
Boron	11-1	13482	12840	12523	12948	3.77	cps
Cadmium	111-1	1206	1071	997	1092	9.72	cps
Cadmium	106-1	1617	1483	1367	1489	8.40	cps
Cadmium	108-1	13	25	38	25	50.00	cps
Calcium	43-1	983	942	917	947	3.56	cps
Calcium	44-1	17011	16611	16569	16730	1.46	cps
Chromium	52-2	333	337	327	332	1.53	cps
Cobalt	59-2	37	57	73	56	33.05	cps
Copper	63-2	243	283	290	272	9.27	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	58	33	50	28.88	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	58	67	58	61	7.87	cps
Gadolinium	160-2	0	10	10	7	86.60	cps
Holmium	165-1	10468791	10429344	10629373	10509169	1.01	cps
Holmium	165-2	2387289	2373559	2392973	2384607	0.42	cps
Indium	115-1	8394427	8519751	8545488	8486555	0.95	cps
Indium	115-2	410269	408743	406208	408407	0.50	cps
Iron	56-2	3200	2784	3206	3063	7.91	cps
Iron	57-2	94	67	139	100	36.43	cps
Lead	206-1	383	411	372	389	5.15	cps
Lead	207-1	406	317	311	344	15.39	cps
Lead	208-1	1589	1578	1445	1537	5.23	cps
Lithium	6-1	1299268	1313684	1347518	1320157	1.88	cps
Magnesium	24-2	683	508	533	575	16.46	cps
Manganese	55-2	53	57	13	41	58.66	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P8
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:07:34	DataFile Name :	083CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	500	367	453	16.50	cps
Molybdenum	95-1	283	275	333	297	10.62	cps
Molybdenum	96-1	458	342	433	411	14.94	cps
Molybdenum	97-1	233	192	192	206	11.70	cps
Molybdenum	98-1	550	492	533	525	5.72	cps
Neodymium	150-1	0	33	0	11	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	277	233	260	257	8.52	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2567	2734	2750	2684	3.78	cps
Rhodium	103-1	7595025	7716077	7772806	7694636	1.18	cps
Rhodium	103-2	2198895	2168580	2167804	2178426	0.81	cps
Scandium	45-1	4355372	4389108	4547553	4430678	2.32	cps
Scandium	45-2	38593	38142	38583	38439	0.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	6	3	91.69	cps
Selenium	82-1	-31	-25	-18	-25	-25.64	cps
Silicon	28-1	347706	343727	345535	345656	0.58	cps
Silver	109-1	1242	1350	1367	1320	5.14	cps
Silver	107-1	1350	1450	1350	1383	4.17	cps
Sodium	23-2	22502	21450	22168	22040	2.44	cps
Strontium	86-1	575	592	533	567	5.30	cps
Strontium	88-1	258	258	150	222	28.15	cps
Sulfur	34-1	348646	349655	351178	349826	0.36	cps
Terbium	159-1	10845746	10831717	10976519	10884661	0.73	cps
Terbium	159-2	2305343	2304243	2310694	2306760	0.15	cps
Thallium	203-1	683	608	525	606	13.08	cps
Thallium	205-1	1317	1325	1417	1353	4.10	cps
Tin	118-1	1008	1125	1158	1097	7.18	cps
Titanium	47-1	192	192	150	178	13.53	cps
Uranium	238-1	108	167	50	108	53.85	cps
Vanadium	51-2	13	10	10	11	17.30	cps
Yttrium	89-1	8516250	8513251	8689938	8573146	1.18	cps
Yttrium	89-2	297019	293760	295010	295263	0.56	cps
Zinc	66-2	43	30	17	30	44.43	cps
Zirconium	90-1	775	733	883	797	9.71	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB079	Instrumnet Name :	P8
Client Sample ID :	CCB079	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:07:34	DataFile Name :	083CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	225	208	217	3.84	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:10:42	DataFile Name :	084SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	8	6	86.60	cps
Antimony	121-1	775	842	767	795	5.18	cps
Arsenic	75-2	4	0	2	2	100.00	cps
Barium	135-1	2967	3134	2917	3006	3.78	cps
Barium	137-1	5260	5301	5110	5223	1.93	cps
Beryllium	9-1	283	328	250	287	13.59	cps
Bismuth	209-1	6995573	6843218	6871276	6903355	1.17	cps
Bismuth	209-2	1883226	1860851	1882231	1875436	0.67	cps
Boron	10-1	10930	11080	11205	11071	1.24	cps
Boron	11-1	50774	50791	50423	50663	0.41	cps
Cadmium	111-1	1197	1317	1200	1238	5.55	cps
Cadmium	106-1	1675	1867	1625	1722	7.41	cps
Cadmium	108-1	25	21	13	19	32.73	cps
Calcium	43-1	87363	85468	84889	85907	1.51	cps
Calcium	44-1	1459792	1448305	1455700	1454599	0.40	cps
Chromium	52-2	327	340	353	340	3.92	cps
Cobalt	59-2	240	227	197	221	10.04	cps
Copper	63-2	407	360	343	370	8.87	cps
Dysprosium	156-1	58	17	8	28	96.44	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	17	83	33	44	78.07	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	83	58	83	75	19.24	cps
Gadolinium	160-2	20	3	10	11	75.52	cps
Holmium	165-1	10550665	10409686	10435785	10465379	0.72	cps
Holmium	165-2	2347047	2373626	2349559	2356744	0.62	cps
Indium	115-1	8418038	8261293	8328088	8335806	0.94	cps
Indium	115-2	403759	403183	399249	402063	0.61	cps
Iron	56-2	5034	4851	4945	4944	1.86	cps
Iron	57-2	167	117	117	133	21.65	cps
Lead	206-1	467	467	461	465	0.69	cps
Lead	207-1	472	361	400	411	13.72	cps
Lead	208-1	1972	1783	1728	1828	7.01	cps
Lithium	6-1	1306741	1304114	1297625	1302827	0.36	cps
Magnesium	24-2	50374	51586	50407	50789	1.36	cps
Manganese	55-2	74410	75322	75311	75014	0.70	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:10:42	DataFile Name :	084SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	525	300	375	400	28.64	cps
Molybdenum	95-1	317	383	292	331	14.34	cps
Molybdenum	96-1	375	358	417	383	7.84	cps
Molybdenum	97-1	175	267	225	222	20.65	cps
Molybdenum	98-1	542	533	483	519	6.07	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	217	387	313	306	27.91	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	3959	4443	4184	4195	5.77	cps
Rhodium	103-1	7643628	7522659	7584767	7583684	0.80	cps
Rhodium	103-2	2143043	2126893	2123846	2131261	0.48	cps
Scandium	45-1	4406474	4354087	4347556	4369373	0.74	cps
Scandium	45-2	37727	38650	37380	37919	1.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	9	4	132.32	cps
Selenium	82-1	-135	-16	-92	-81	-74.46	cps
Silicon	28-1	2169694	2137784	2133883	2147120	0.92	cps
Silver	109-1	508	458	608	525	14.55	cps
Silver	107-1	450	650	667	589	20.48	cps
Sodium	23-2	156526	156096	153983	155535	0.87	cps
Strontium	86-1	23947	23096	23221	23421	1.96	cps
Strontium	88-1	201570	196262	198181	198671	1.35	cps
Sulfur	34-1	361604	358437	363109	361050	0.66	cps
Terbium	159-1	10856134	10826046	10721006	10801062	0.66	cps
Terbium	159-2	2269803	2276567	2293451	2279940	0.53	cps
Thallium	203-1	383	367	358	369	3.45	cps
Thallium	205-1	1208	850	917	992	19.22	cps
Tin	118-1	792	883	792	822	6.44	cps
Titanium	47-1	200	200	200	200	0.00	cps
Uranium	238-1	1475	1108	1033	1206	19.61	cps
Vanadium	51-2	63	50	53	56	12.49	cps
Yttrium	89-1	8474487	8408613	8499306	8460802	0.55	cps
Yttrium	89-2	292676	290538	290985	291400	0.39	cps
Zinc	66-2	80	50	77	69	23.87	cps
Zirconium	90-1	767	583	558	636	17.88	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-06DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:10:42	DataFile Name :	084SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	175	158	153	16.66	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-07DLX20 Instrumnet Name : P8
 Client Sample ID : MBDYY9 Dilution Factor : 20
 Date & Time Acquired :: 2017-12-18 19:13:49 DataFile Name : 085SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	25	22	57.30	cps
Antimony	121-1	575	617	642	611	5.51	cps
Arsenic	75-2	6	4	4	4	24.86	cps
Barium	135-1	3151	2975	2759	2962	6.63	cps
Barium	137-1	5476	5443	5518	5479	0.69	cps
Beryllium	9-1	189	233	217	213	10.54	cps
Bismuth	209-1	6888374	6728751	6825578	6814234	1.18	cps
Bismuth	209-2	1877489	1841944	1835516	1851650	1.22	cps
Boron	10-1	11513	10930	11088	11177	2.70	cps
Boron	11-1	50021	51585	51117	50908	1.58	cps
Cadmium	111-1	1188	1115	1112	1138	3.82	cps
Cadmium	106-1	1667	1575	1567	1603	3.46	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	88470	89023	86616	88036	1.43	cps
Calcium	44-1	1470214	1476285	1479234	1475245	0.31	cps
Chromium	52-2	347	357	280	328	12.72	cps
Cobalt	59-2	213	237	207	219	7.20	cps
Copper	63-2	447	450	370	422	10.72	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	50	67	17	44	57.28	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	50	50	75	58	24.74	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	10397909	10221932	10350747	10323529	0.88	cps
Holmium	165-2	2328286	2281289	2300258	2303278	1.03	cps
Indium	115-1	8182761	8275021	8283591	8247124	0.68	cps
Indium	115-2	398006	398455	394903	397121	0.49	cps
Iron	56-2	4245	4390	4373	4336	1.82	cps
Iron	57-2	117	117	83	106	18.23	cps
Lead	206-1	478	500	494	491	2.36	cps
Lead	207-1	411	406	461	426	7.18	cps
Lead	208-1	1789	1789	2078	1885	8.85	cps
Lithium	6-1	1296175	1282303	1273869	1284115	0.88	cps
Magnesium	24-2	52891	52021	51494	52135	1.35	cps
Manganese	55-2	77038	76521	76257	76605	0.52	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYY9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:13:49	DataFile Name :	085SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	375	317	367	12.65	cps
Molybdenum	95-1	292	267	392	317	20.89	cps
Molybdenum	96-1	417	300	283	333	21.79	cps
Molybdenum	97-1	167	242	242	217	19.98	cps
Molybdenum	98-1	400	425	475	433	8.81	cps
Neodymium	150-1	7	33	33	24	62.97	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	267	237	307	270	13.01	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	4259	4268	3992	4173	3.75	cps
Rhodium	103-1	7573507	7468384	7482819	7508237	0.76	cps
Rhodium	103-2	2120172	2108842	2109026	2112680	0.31	cps
Scandium	45-1	4343636	4303418	4292142	4313065	0.63	cps
Scandium	45-2	37229	37661	37226	37372	0.67	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	15	36	103	51	90.56	cps
Silicon	28-1	2185983	2178479	2184436	2182966	0.18	cps
Silver	109-1	358	583	525	489	23.89	cps
Silver	107-1	625	517	533	558	10.45	cps
Sodium	23-2	160410	160401	157722	159511	0.97	cps
Strontium	86-1	24364	24264	24406	24345	0.30	cps
Strontium	88-1	201668	203555	199013	201412	1.13	cps
Sulfur	34-1	356597	352431	353711	354246	0.60	cps
Terbium	159-1	10649882	10598152	10722487	10656840	0.59	cps
Terbium	159-2	2261740	2250272	2236076	2249363	0.57	cps
Thallium	203-1	383	383	267	344	19.56	cps
Thallium	205-1	925	683	783	797	15.23	cps
Tin	118-1	825	775	850	817	4.68	cps
Titanium	47-1	117	133	200	150	29.40	cps
Uranium	238-1	1392	1117	1258	1256	10.95	cps
Vanadium	51-2	47	103	100	83	38.16	cps
Yttrium	89-1	8331392	8384051	8372978	8362807	0.33	cps
Yttrium	89-2	287015	289381	285198	287198	0.73	cps
Zinc	66-2	63	70	87	73	16.39	cps
Zirconium	90-1	642	633	533	603	10.00	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-07DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYY9	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:13:49	DataFile Name :	085SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	150	108	128	16.41	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYZ7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:16:55	DataFile Name :	086SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	8	6	86.60	cps
Antimony	121-1	583	392	533	503	19.77	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	33	200	33	89	108.28	cps
Barium	137-1	83	42	33	53	50.76	cps
Beryllium	9-1	217	139	211	189	22.97	cps
Bismuth	209-1	6868806	6392677	6738182	6666555	3.69	cps
Bismuth	209-2	1851701	1848806	1870300	1856936	0.63	cps
Boron	10-1	2200	2500	2242	2314	7.03	cps
Boron	11-1	10654	10221	10496	10457	2.10	cps
Cadmium	111-1	1150	967	1134	1084	9.37	cps
Cadmium	106-1	1625	1342	1617	1528	10.55	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	908	933	900	914	1.90	cps
Calcium	44-1	16026	16828	15509	16121	4.12	cps
Chromium	52-2	280	307	357	314	12.38	cps
Cobalt	59-2	47	50	53	50	6.66	cps
Copper	63-2	280	183	243	236	20.72	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	17	42	31	41.65	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	92	58	42	64	39.85	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	10171615	9609360	10201500	9994158	3.34	cps
Holmium	165-2	2347838	2312321	2318504	2326221	0.82	cps
Indium	115-1	8246461	7772738	8223451	8080883	3.31	cps
Indium	115-2	399797	395775	397968	397847	0.51	cps
Iron	56-2	1934	2100	1878	1971	5.87	cps
Iron	57-2	50	33	61	48	29.04	cps
Lead	206-1	461	500	450	470	5.58	cps
Lead	207-1	378	361	389	376	3.72	cps
Lead	208-1	1845	1711	1839	1798	4.20	cps
Lithium	6-1	1272753	1206263	1265104	1248040	2.92	cps
Magnesium	24-2	717	667	625	669	6.86	cps
Manganese	55-2	33	43	50	42	19.87	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYZ7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:16:55	DataFile Name :	086SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	183	300	200	228	27.71	cps
Molybdenum	95-1	42	33	67	47	36.74	cps
Molybdenum	96-1	117	108	142	122	14.19	cps
Molybdenum	97-1	75	50	67	64	19.92	cps
Molybdenum	98-1	92	92	83	89	5.41	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	247	210	270	242	12.49	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	2367	2492	2500	2453	3.05	cps
Rhodium	103-1	7414089	7011699	7392362	7272716	3.11	cps
Rhodium	103-2	2123961	2106198	2124402	2118187	0.49	cps
Scandium	45-1	4313700	4037147	4262631	4204493	3.50	cps
Scandium	45-2	37918	36417	37263	37199	2.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-3	-97	-37	-46	-103.23	cps
Silicon	28-1	339949	340551	342916	341139	0.46	cps
Silver	109-1	392	1209	442	681	67.30	cps
Silver	107-1	358	1501	567	809	75.25	cps
Sodium	23-2	20223	20682	19564	20157	2.79	cps
Strontium	86-1	533	692	517	581	16.64	cps
Strontium	88-1	200	67	125	131	51.20	cps
Sulfur	34-1	341927	342002	342919	342282	0.16	cps
Terbium	159-1	10679367	9943189	10616799	10413118	3.92	cps
Terbium	159-2	2243186	2237502	2254384	2245024	0.38	cps
Thallium	203-1	208	283	317	269	20.59	cps
Thallium	205-1	642	750	533	642	16.88	cps
Tin	118-1	783	833	933	850	8.99	cps
Titanium	47-1	108	133	117	119	10.66	cps
Uranium	238-1	17	25	25	22	21.64	cps
Vanadium	51-2	7	10	0	6	91.64	cps
Yttrium	89-1	8327503	7803914	8290151	8140523	3.59	cps
Yttrium	89-2	288503	283500	287587	286530	0.93	cps
Zinc	66-2	30	37	17	28	36.66	cps
Zirconium	90-1	508	483	592	528	10.75	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-08DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYZ7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:16:55	DataFile Name :	086SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	67	100	86	20.14	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX2	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:20:03	DataFile Name :	087SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	117	67	81	39.16	cps
Antimony	121-1	308	383	542	411	28.98	cps
Arsenic	75-2	7	6	7	7	15.72	cps
Barium	135-1	2950	3751	3309	3337	12.01	cps
Barium	137-1	5668	5968	5918	5852	2.75	cps
Beryllium	9-1	150	144	178	157	11.34	cps
Bismuth	209-1	6383611	6841242	6505733	6576862	3.60	cps
Bismuth	209-2	1835397	1769701	1806853	1803984	1.83	cps
Boron	10-1	10321	10187	10137	10215	0.93	cps
Boron	11-1	44988	48918	48349	47419	4.48	cps
Cadmium	111-1	1063	1204	1194	1154	6.84	cps
Cadmium	106-1	1525	1700	1667	1631	5.70	cps
Cadmium	108-1	25	4	8	13	88.19	cps
Calcium	43-1	85594	94586	88445	89542	5.13	cps
Calcium	44-1	1451183	1557826	1492040	1500350	3.59	cps
Chromium	52-2	307	333	317	319	4.22	cps
Cobalt	59-2	247	197	220	221	11.31	cps
Copper	63-2	267	330	270	289	12.34	cps
Dysprosium	156-1	17	33	67	39	65.47	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	50	75	67	64	19.93	cps
Erbium	164-2	13	30	10	18	60.28	cps
Gadolinium	160-1	33	83	92	69	45.44	cps
Gadolinium	160-2	7	27	17	17	59.99	cps
Holmium	165-1	9560459	10177791	9768070	9835440	3.19	cps
Holmium	165-2	2321117	2240620	2269255	2276997	1.79	cps
Indium	115-1	7624040	8118493	7877113	7873215	3.14	cps
Indium	115-2	393606	384651	389586	389281	1.15	cps
Iron	56-2	12929	13190	14778	13632	7.34	cps
Iron	57-2	267	289	317	291	8.62	cps
Lead	206-1	383	472	550	469	17.80	cps
Lead	207-1	344	467	339	383	18.84	cps
Lead	208-1	1767	1906	1972	1882	5.57	cps
Lithium	6-1	1183626	1280545	1239467	1234546	3.94	cps
Magnesium	24-2	53711	53217	53041	53323	0.65	cps
Manganese	55-2	75884	73003	73871	74253	1.99	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX2	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:20:03	DataFile Name :	087SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	367	425	375	12.37	cps
Molybdenum	95-1	342	333	267	314	13.10	cps
Molybdenum	96-1	333	450	350	378	16.70	cps
Molybdenum	97-1	258	283	242	261	8.03	cps
Molybdenum	98-1	500	558	592	550	8.44	cps
Neodymium	150-1	40	60	53	51	19.92	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	287	237	227	250	12.86	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3942	4159	3984	4029	2.85	cps
Rhodium	103-1	6908424	7425328	7148931	7160894	3.61	cps
Rhodium	103-2	2060392	2016257	2076822	2051157	1.53	cps
Scandium	45-1	4022809	4323132	4144242	4163394	3.63	cps
Scandium	45-2	36882	36207	36361	36483	0.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	-8	72	-56	3	2328.32	cps
Silicon	28-1	2034317	2154582	2074084	2087661	2.93	cps
Silver	109-1	433	417	375	408	7.36	cps
Silver	107-1	450	475	383	436	10.87	cps
Sodium	23-2	139536	136482	139142	138387	1.20	cps
Strontium	86-1	19473	21568	20274	20438	5.17	cps
Strontium	88-1	171025	179424	175280	175243	2.40	cps
Sulfur	34-1	347388	355636	351321	351448	1.17	cps
Terbium	159-1	9826259	10698804	10248634	10257899	4.25	cps
Terbium	159-2	2218124	2179815	2202364	2200101	0.88	cps
Thallium	203-1	208	192	208	203	4.74	cps
Thallium	205-1	508	525	592	542	8.14	cps
Tin	118-1	992	900	717	870	16.10	cps
Titanium	47-1	433	383	525	447	16.07	cps
Uranium	238-1	1242	1492	1250	1328	10.70	cps
Vanadium	51-2	103	90	70	88	19.12	cps
Yttrium	89-1	7831566	8365636	7949151	8048784	3.49	cps
Yttrium	89-2	285672	277804	282109	281862	1.40	cps
Zinc	66-2	30	23	57	37	48.11	cps
Zirconium	90-1	525	817	600	647	23.40	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-09DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX2	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:20:03	DataFile Name :	087SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	133	158	153	11.36	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6803-07RE Instrumnet Name : P8
 Client Sample ID : MBDYZ5 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-18 19:23:10 DataFile Name : 088SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	17	19	24.73	cps
Antimony	121-1	292	325	258	292	11.43	cps
Arsenic	75-2	2	0	4	2	100.00	cps
Barium	135-1	333	500	350	394	23.27	cps
Barium	137-1	675	575	567	606	9.96	cps
Beryllium	9-1	139	106	144	130	16.22	cps
Bismuth	209-1	7591307	6960871	7418114	7323431	4.45	cps
Bismuth	209-2	2073048	2065016	2046888	2061651	0.65	cps
Boron	10-1	1800	2000	1792	1864	6.33	cps
Boron	11-1	8069	8053	7919	8014	1.03	cps
Cadmium	111-1	1203	1117	1106	1142	4.64	cps
Cadmium	106-1	1709	1592	1558	1620	4.86	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	1400	1550	1333	1428	7.77	cps
Calcium	44-1	25783	25441	26042	25755	1.17	cps
Chromium	52-2	273	303	333	303	9.89	cps
Cobalt	59-2	37	40	53	43	20.34	cps
Copper	63-2	327	283	270	293	10.10	cps
Dysprosium	156-1	33	8	25	22	57.29	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	17	58	47	56.72	cps
Erbium	164-2	3	17	10	10	66.70	cps
Gadolinium	160-1	50	75	58	61	20.83	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	11500482	10389110	11080633	10990075	5.11	cps
Holmium	165-2	2545541	2533728	2534260	2537843	0.26	cps
Indium	115-1	9131568	8372183	8930592	8811448	4.47	cps
Indium	115-2	441841	439303	436264	439136	0.64	cps
Iron	56-2	6007	6213	5968	6063	2.17	cps
Iron	57-2	194	150	133	159	19.83	cps
Lead	206-1	456	483	456	465	3.45	cps
Lead	207-1	394	300	378	357	14.10	cps
Lead	208-1	1911	1700	1806	1806	5.85	cps
Lithium	6-1	1422340	1312176	1405133	1379883	4.29	cps
Magnesium	24-2	1083	808	850	914	16.22	cps
Manganese	55-2	207	247	180	211	15.89	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-07RE	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:23:10	DataFile Name :	088SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	183	225	208	206	10.20	cps
Molybdenum	95-1	58	33	33	42	34.65	cps
Molybdenum	96-1	158	108	50	106	51.37	cps
Molybdenum	97-1	33	33	50	39	24.75	cps
Molybdenum	98-1	92	108	58	86	29.56	cps
Neodymium	150-1	33	33	13	27	43.31	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	217	253	280	250	12.72	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2809	2642	2484	2645	6.15	cps
Rhodium	103-1	8333174	7618423	8136977	8029524	4.60	cps
Rhodium	103-2	2353207	2334503	2322097	2336602	0.67	cps
Scandium	45-1	4798474	4368587	4687680	4618247	4.83	cps
Scandium	45-2	40769	40335	40024	40376	0.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-81	-35	-41	-52	-48.49	cps
Silicon	28-1	314196	322031	315520	317249	1.32	cps
Silver	109-1	1292	1634	1033	1320	22.83	cps
Silver	107-1	1142	4351	1467	2320	76.15	cps
Sodium	23-2	19631	20616	20223	20157	2.46	cps
Strontium	86-1	1142	1075	1050	1089	4.35	cps
Strontium	88-1	5009	5226	5135	5123	2.12	cps
Sulfur	34-1	334525	333304	337598	335142	0.66	cps
Terbium	159-1	11816695	10707766	11569529	11364663	5.12	cps
Terbium	159-2	2493017	2467850	2451793	2470887	0.84	cps
Thallium	203-1	300	233	300	278	13.86	cps
Thallium	205-1	900	608	517	675	29.66	cps
Tin	118-1	750	733	750	745	1.29	cps
Titanium	47-1	167	133	175	158	13.93	cps
Uranium	238-1	25	33	50	36	35.25	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Yttrium	89-1	9340527	8526642	9091985	8986385	4.64	cps
Yttrium	89-2	319217	316380	313788	316461	0.86	cps
Zinc	66-2	100	100	63	88	24.11	cps
Zirconium	90-1	508	492	467	489	4.29	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6803-07RE	Instrumnet Name :	P8
Client Sample ID :	MBDYZ5	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 19:23:10	DataFile Name :	088SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	117	108	103	16.88	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:26:18	DataFile Name :	089SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	25	33	43.30	cps
Antimony	121-1	342	333	383	353	7.59	cps
Arsenic	75-2	0	7	2	3	124.95	cps
Barium	135-1	3234	3126	2800	3053	7.39	cps
Barium	137-1	5035	5285	5360	5226	3.26	cps
Beryllium	9-1	139	50	117	102	45.42	cps
Bismuth	209-1	6837749	6904132	6822580	6854820	0.63	cps
Bismuth	209-2	1865703	1850609	1850175	1855496	0.48	cps
Boron	10-1	9437	9253	9712	9467	2.44	cps
Boron	11-1	43676	44830	46259	44922	2.88	cps
Cadmium	111-1	1171	986	1122	1093	8.75	cps
Cadmium	106-1	1667	1392	1575	1545	9.07	cps
Cadmium	108-1	0	13	8	7	91.66	cps
Calcium	43-1	99107	98352	99039	98833	0.42	cps
Calcium	44-1	1660742	1645593	1658827	1655054	0.50	cps
Chromium	52-2	337	387	377	367	7.22	cps
Cobalt	59-2	133	153	213	167	24.98	cps
Copper	63-2	367	327	350	348	5.78	cps
Dysprosium	156-1	33	33	33	33	0.02	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	75	50	133	86	49.66	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	50	75	75	67	21.65	cps
Gadolinium	160-2	7	0	20	9	114.55	cps
Holmium	165-1	10273555	10399038	10209945	10294179	0.93	cps
Holmium	165-2	2337726	2344562	2327600	2336629	0.37	cps
Indium	115-1	8224873	8402385	8173914	8267057	1.45	cps
Indium	115-2	401262	400177	398920	400120	0.29	cps
Iron	56-2	6707	7009	6452	6723	4.15	cps
Iron	57-2	167	189	194	183	8.02	cps
Lead	206-1	500	533	561	532	5.76	cps
Lead	207-1	467	439	422	443	5.07	cps
Lead	208-1	2095	2117	2106	2106	0.53	cps
Lithium	6-1	1278971	1300325	1271443	1283580	1.17	cps
Magnesium	24-2	56254	57953	56438	56882	1.64	cps
Manganese	55-2	48337	48999	48768	48701	0.69	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:26:18	DataFile Name :	089SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	258	283	306	20.10	cps
Molybdenum	95-1	217	200	217	211	4.56	cps
Molybdenum	96-1	325	325	217	289	21.65	cps
Molybdenum	97-1	208	142	142	164	23.49	cps
Molybdenum	98-1	333	517	425	425	21.57	cps
Neodymium	150-1	20	20	53	31	61.87	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	263	297	323	294	10.21	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	3859	4151	3601	3870	7.11	cps
Rhodium	103-1	7480198	7587076	7422403	7496559	1.11	cps
Rhodium	103-2	2121820	2099742	2105941	2109168	0.54	cps
Scandium	45-1	4333260	4351596	4326873	4337243	0.30	cps
Scandium	45-2	36701	37149	37390	37080	0.94	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-119	-27	-44	-63	-77.36	cps
Silicon	28-1	2145598	2151513	2151337	2149482	0.16	cps
Silver	109-1	275	333	508	372	32.64	cps
Silver	107-1	392	417	408	406	3.14	cps
Sodium	23-2	167853	167710	169371	168311	0.55	cps
Strontium	86-1	22286	23579	23221	23029	2.90	cps
Strontium	88-1	196826	197331	195877	196678	0.38	cps
Sulfur	34-1	357536	357828	358459	357941	0.13	cps
Terbium	159-1	10698354	10658164	10605874	10654131	0.44	cps
Terbium	159-2	2251583	2287923	2261531	2267012	0.83	cps
Thallium	203-1	183	292	217	231	24.06	cps
Thallium	205-1	400	608	517	508	20.54	cps
Tin	118-1	767	800	883	817	7.36	cps
Titanium	47-1	300	300	283	294	3.27	cps
Uranium	238-1	1408	1408	1459	1425	2.03	cps
Vanadium	51-2	117	80	110	102	19.11	cps
Yttrium	89-1	8273325	8444288	8350280	8355964	1.02	cps
Yttrium	89-2	289209	289334	287356	288633	0.38	cps
Zinc	66-2	113	80	117	103	19.62	cps
Zirconium	90-1	633	467	508	536	16.18	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-10DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX6	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:26:18	DataFile Name :	089SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	158	83	117	32.73	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX4	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:29:26	DataFile Name :	090SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	17	33	50.00	cps
Antimony	121-1	317	367	292	325	11.75	cps
Arsenic	75-2	2	7	6	5	57.32	cps
Barium	135-1	2200	2384	2209	2264	4.57	cps
Barium	137-1	4067	4343	3967	4126	4.71	cps
Beryllium	9-1	111	133	117	120	9.61	cps
Bismuth	209-1	6818829	6817606	6812137	6816190	0.05	cps
Bismuth	209-2	1852331	1651577	1880583	1794830	6.96	cps
Boron	10-1	5751	5168	5468	5462	5.34	cps
Boron	11-1	25398	26959	26300	26219	2.99	cps
Cadmium	111-1	1219	1135	1070	1141	6.54	cps
Cadmium	106-1	1742	1592	1533	1622	6.63	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	87304	86072	86005	86460	0.85	cps
Calcium	44-1	1445623	1449601	1447360	1447528	0.14	cps
Chromium	52-2	283	313	350	316	10.58	cps
Cobalt	59-2	143	93	130	122	21.19	cps
Copper	63-2	437	333	410	393	13.64	cps
Dysprosium	156-1	25	33	17	25	33.34	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	67	58	92	72	24.02	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	58	50	75	61	20.83	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	10276544	10158300	10212557	10215800	0.58	cps
Holmium	165-2	2344049	2116149	2364257	2274818	6.06	cps
Indium	115-1	8269664	8191792	8242204	8234553	0.48	cps
Indium	115-2	396051	361054	398418	385174	5.43	cps
Iron	56-2	5051	5101	5123	5092	0.73	cps
Iron	57-2	83	189	144	139	38.16	cps
Lead	206-1	667	594	606	622	6.25	cps
Lead	207-1	489	467	444	467	4.76	cps
Lead	208-1	2572	2389	2395	2452	4.25	cps
Lithium	6-1	1272001	1256648	1307989	1278879	2.06	cps
Magnesium	24-2	45306	45867	45842	45672	0.69	cps
Manganese	55-2	6515	6562	6652	6576	1.06	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX4	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:29:26	DataFile Name :	090SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	367	333	333	10.00	cps
Molybdenum	95-1	125	350	308	261	45.84	cps
Molybdenum	96-1	233	292	300	275	13.21	cps
Molybdenum	97-1	125	108	133	122	10.41	cps
Molybdenum	98-1	392	317	300	336	14.53	cps
Neodymium	150-1	33	33	7	24	62.97	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	260	237	357	284	22.37	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	4368	4518	4318	4401	2.37	cps
Rhodium	103-1	7470442	7365914	7464383	7433580	0.79	cps
Rhodium	103-2	2098749	1907010	2115927	2040562	5.68	cps
Scandium	45-1	4295186	4272760	4275652	4281199	0.28	cps
Scandium	45-2	37213	33711	37069	35998	5.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	70	-8	-54	3	2272.50	cps
Silicon	28-1	1980766	1998985	2021219	2000323	1.01	cps
Silver	109-1	283	392	325	333	16.39	cps
Silver	107-1	458	425	450	444	3.90	cps
Sodium	23-2	101040	102375	99732	101049	1.31	cps
Strontium	86-1	18538	19339	20141	19340	4.14	cps
Strontium	88-1	165172	164293	163631	164365	0.47	cps
Sulfur	34-1	355871	355821	357676	356456	0.30	cps
Terbium	159-1	10603703	10555471	10667697	10608957	0.53	cps
Terbium	159-2	2245457	2076816	2275712	2199328	4.87	cps
Thallium	203-1	175	233	158	189	20.85	cps
Thallium	205-1	533	450	450	478	10.07	cps
Tin	118-1	733	775	725	745	3.60	cps
Titanium	47-1	308	300	242	283	12.82	cps
Uranium	238-1	1092	1142	942	1058	9.83	cps
Vanadium	51-2	120	100	93	104	13.28	cps
Yttrium	89-1	8415837	8328678	8429486	8391334	0.65	cps
Yttrium	89-2	287940	261152	290833	279975	5.85	cps
Zinc	66-2	50	27	40	39	30.10	cps
Zirconium	90-1	625	525	658	603	11.51	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-11DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX4	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:29:26	DataFile Name :	090SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	125	192	128	48.95	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:32:33	DataFile Name :	091SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	8	6	86.60	cps
Antimony	121-1	283	325	233	281	16.36	cps
Arsenic	75-2	6	0	2	2	114.63	cps
Barium	135-1	1550	1575	1392	1506	6.60	cps
Barium	137-1	2417	2642	2492	2517	4.55	cps
Beryllium	9-1	133	144	89	122	24.05	cps
Bismuth	209-1	6832987	6779905	6779034	6797309	0.45	cps
Bismuth	209-2	1843578	1839233	1863280	1848697	0.69	cps
Boron	10-1	12489	12114	11989	12197	2.14	cps
Boron	11-1	55424	57089	58813	57109	2.97	cps
Cadmium	111-1	1088	1201	968	1086	10.73	cps
Cadmium	106-1	1525	1717	1383	1542	10.85	cps
Cadmium	108-1	0	13	0	4	173.21	cps
Calcium	43-1	82492	84353	84278	83708	1.26	cps
Calcium	44-1	1395101	1394495	1419578	1403058	1.02	cps
Chromium	52-2	343	340	363	349	3.62	cps
Cobalt	59-2	167	153	143	154	7.58	cps
Copper	63-2	280	313	277	290	6.99	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	100	42	58	67	45.06	cps
Erbium	164-2	10	10	20	13	43.30	cps
Gadolinium	160-1	117	50	117	94	40.76	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	10238922	10239475	10257063	10245154	0.10	cps
Holmium	165-2	2348986	2317116	2288406	2318169	1.31	cps
Indium	115-1	8243965	8230798	8217663	8230809	0.16	cps
Indium	115-2	398138	399642	398869	398883	0.19	cps
Iron	56-2	7891	8553	8469	8305	4.34	cps
Iron	57-2	217	211	222	217	2.56	cps
Lead	206-1	506	606	550	554	9.05	cps
Lead	207-1	383	489	439	437	12.08	cps
Lead	208-1	1945	2150	1945	2013	5.90	cps
Lithium	6-1	1269108	1276097	1287083	1277429	0.71	cps
Magnesium	24-2	46611	47162	46243	46672	0.99	cps
Manganese	55-2	15726	15662	15759	15716	0.31	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:32:33	DataFile Name :	091SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	333	300	308	7.15	cps
Molybdenum	95-1	325	225	250	267	19.52	cps
Molybdenum	96-1	225	300	292	272	15.10	cps
Molybdenum	97-1	108	125	183	139	28.35	cps
Molybdenum	98-1	383	417	342	381	9.87	cps
Neodymium	150-1	13	40	27	27	50.01	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	240	243	297	260	12.23	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	3909	3634	3501	3681	5.66	cps
Rhodium	103-1	7465084	7536207	7453969	7485087	0.60	cps
Rhodium	103-2	2135024	2111747	2103408	2116726	0.77	cps
Scandium	45-1	4275499	4338567	4316396	4310154	0.74	cps
Scandium	45-2	37898	36925	37440	37421	1.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	64	-16	13	20	200.50	cps
Silicon	28-1	1997086	1997207	2025338	2006544	0.81	cps
Silver	109-1	233	458	433	375	32.89	cps
Silver	107-1	350	383	425	386	9.73	cps
Sodium	23-2	88382	87426	86739	87516	0.94	cps
Strontium	86-1	18647	18271	17912	18277	2.01	cps
Strontium	88-1	156136	155737	155358	155744	0.25	cps
Sulfur	34-1	356369	356481	358505	357118	0.34	cps
Terbium	159-1	10767295	10512769	10766780	10682281	1.37	cps
Terbium	159-2	2252770	2236833	2206603	2232069	1.05	cps
Thallium	203-1	158	150	217	175	20.76	cps
Thallium	205-1	367	417	333	372	11.27	cps
Tin	118-1	817	767	750	778	4.46	cps
Titanium	47-1	158	175	175	169	5.68	cps
Uranium	238-1	1150	1317	1167	1211	7.58	cps
Vanadium	51-2	27	30	23	27	12.51	cps
Yttrium	89-1	8377379	8348790	8320023	8348731	0.34	cps
Yttrium	89-2	293296	290781	288306	290794	0.86	cps
Zinc	66-2	33	27	63	41	47.50	cps
Zirconium	90-1	617	550	467	544	13.80	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-12DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:32:33	DataFile Name :	091SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	83	142	114	25.69	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:35:41	DataFile Name :	092SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	250	250	236	10.19	cps
Antimony	121-1	392	275	267	311	22.46	cps
Arsenic	75-2	6	2	6	4	49.54	cps
Barium	135-1	6577	6869	6902	6783	2.64	cps
Barium	137-1	11981	11480	11272	11578	3.15	cps
Beryllium	9-1	111	106	144	120	17.47	cps
Bismuth	209-1	7030828	6977546	6928497	6978957	0.73	cps
Bismuth	209-2	1897897	1908011	1899920	1901943	0.28	cps
Boron	10-1	3084	2709	2934	2909	6.49	cps
Boron	11-1	13665	13932	14191	13930	1.89	cps
Cadmium	111-1	1075	983	1222	1094	11.02	cps
Cadmium	106-1	1508	1342	1717	1522	12.34	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	184032	182420	182124	182859	0.56	cps
Calcium	44-1	3049461	3062789	3068085	3060112	0.31	cps
Chromium	52-2	337	407	363	369	9.58	cps
Cobalt	59-2	270	317	233	273	15.28	cps
Copper	63-2	470	473	497	480	3.03	cps
Dysprosium	156-1	133	117	150	133	12.50	cps
Dysprosium	156-2	13	37	17	22	56.80	cps
Erbium	164-1	117	117	192	142	30.57	cps
Erbium	164-2	27	33	27	29	13.31	cps
Gadolinium	160-1	125	100	183	136	31.42	cps
Gadolinium	160-2	43	40	47	43	7.70	cps
Holmium	165-1	10593478	10534516	10553919	10560638	0.28	cps
Holmium	165-2	2386989	2379655	2420099	2395581	0.90	cps
Indium	115-1	8447948	8425936	8427324	8433736	0.15	cps
Indium	115-2	410024	410396	411322	410581	0.16	cps
Iron	56-2	28207	28174	28791	28391	1.22	cps
Iron	57-2	656	728	650	678	6.40	cps
Lead	206-1	606	683	533	607	12.35	cps
Lead	207-1	533	511	500	515	3.30	cps
Lead	208-1	2550	2628	2511	2563	2.32	cps
Lithium	6-1	1321982	1305432	1296990	1308135	0.97	cps
Magnesium	24-2	96056	94623	93682	94787	1.26	cps
Manganese	55-2	73485	72701	73911	73366	0.84	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:35:41	DataFile Name :	092SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	700	525	608	611	14.32	cps
Molybdenum	95-1	667	675	583	642	7.90	cps
Molybdenum	96-1	617	600	608	608	1.37	cps
Molybdenum	97-1	483	375	350	403	17.60	cps
Molybdenum	98-1	933	867	950	917	4.81	cps
Neodymium	150-1	200	213	140	184	21.18	cps
Neodymium	150-2	17	10	10	12	31.50	cps
Nickel	60-2	323	307	367	332	9.32	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	5160	4909	4951	5007	2.68	cps
Rhodium	103-1	7682474	7719430	7622131	7674678	0.64	cps
Rhodium	103-2	2172779	2189362	2179353	2180498	0.38	cps
Scandium	45-1	4428620	4461880	4497998	4462833	0.78	cps
Scandium	45-2	38339	37717	38406	38154	0.99	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	-102	-9	8	-34	-174.31	cps
Silicon	28-1	2465960	2469230	2479131	2471440	0.28	cps
Silver	109-1	375	408	492	425	14.14	cps
Silver	107-1	342	308	583	411	36.51	cps
Sodium	23-2	155195	154765	155810	155257	0.34	cps
Strontium	86-1	54150	54560	54736	54482	0.55	cps
Strontium	88-1	470132	470847	470812	470597	0.09	cps
Sulfur	34-1	354773	355266	358986	356342	0.65	cps
Terbium	159-1	10996121	10958223	10848170	10934171	0.70	cps
Terbium	159-2	2302721	2316360	2330413	2316498	0.60	cps
Thallium	203-1	292	167	158	206	36.35	cps
Thallium	205-1	558	450	408	472	16.40	cps
Tin	118-1	817	775	933	842	9.75	cps
Titanium	47-1	1792	1667	1925	1795	7.20	cps
Uranium	238-1	1825	2092	2017	1978	6.95	cps
Vanadium	51-2	147	157	170	158	7.42	cps
Yttrium	89-1	8587966	8637654	8542935	8589518	0.55	cps
Yttrium	89-2	296735	297786	299010	297844	0.38	cps
Zinc	66-2	73	80	70	74	6.84	cps
Zirconium	90-1	825	675	842	781	11.76	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-13DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW7	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:35:41	DataFile Name :	092SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	167	233	178	28.64	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:38:47	DataFile Name :	093SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	0	6	173.21	cps
Antimony	121-1	158	217	183	186	15.73	cps
Arsenic	75-2	6	2	2	3	69.39	cps
Barium	135-1	3317	3251	3367	3312	1.77	cps
Barium	137-1	5418	5085	5043	5182	3.97	cps
Beryllium	9-1	117	83	106	102	16.66	cps
Bismuth	209-1	7059850	6977158	6998642	7011884	0.61	cps
Bismuth	209-2	1925155	1903553	1879151	1902620	1.21	cps
Boron	10-1	2967	2884	3067	2973	3.09	cps
Boron	11-1	13382	13832	14491	13902	4.01	cps
Cadmium	111-1	1032	1096	1121	1083	4.27	cps
Cadmium	106-1	1458	1567	1559	1528	3.95	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	61477	61301	61277	61352	0.18	cps
Calcium	44-1	1017451	1012564	1014939	1014985	0.24	cps
Chromium	52-2	443	360	323	376	16.37	cps
Cobalt	59-2	287	290	297	291	1.75	cps
Copper	63-2	273	330	297	300	9.49	cps
Dysprosium	156-1	50	42	58	50	16.67	cps
Dysprosium	156-2	3	13	13	10	57.75	cps
Erbium	164-1	58	58	125	81	47.78	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	117	58	58	78	43.30	cps
Gadolinium	160-2	13	20	10	14	35.26	cps
Holmium	165-1	10613434	10579841	10528960	10574078	0.40	cps
Holmium	165-2	2376446	2390778	2365290	2377505	0.54	cps
Indium	115-1	8522875	8473166	8411927	8469323	0.66	cps
Indium	115-2	415746	409453	407157	410785	1.08	cps
Iron	56-2	3923	4134	4707	4255	9.54	cps
Iron	57-2	122	117	106	115	7.39	cps
Lead	206-1	572	539	478	530	9.04	cps
Lead	207-1	528	550	389	489	17.86	cps
Lead	208-1	2200	2311	1878	2130	10.57	cps
Lithium	6-1	1309304	1301273	1301050	1303876	0.36	cps
Magnesium	24-2	40467	38578	39096	39380	2.48	cps
Manganese	55-2	2530	2507	2464	2500	1.35	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:38:47	DataFile Name :	093SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	267	317	264	20.55	cps
Molybdenum	95-1	192	75	142	136	43.00	cps
Molybdenum	96-1	150	250	250	217	26.65	cps
Molybdenum	97-1	142	158	92	131	26.57	cps
Molybdenum	98-1	175	217	208	200	11.02	cps
Neodymium	150-1	80	60	80	73	15.75	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	237	277	370	294	23.24	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	3801	4017	3801	3873	3.23	cps
Rhodium	103-1	7697296	7708671	7726199	7710722	0.19	cps
Rhodium	103-2	2194474	2188572	2147156	2176734	1.18	cps
Scandium	45-1	4453861	4455102	4397094	4435352	0.75	cps
Scandium	45-2	38262	38329	38493	38361	0.31	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-23	30	37	15	220.98	cps
Silicon	28-1	2345300	2329217	2354097	2342871	0.54	cps
Silver	109-1	292	408	392	364	17.34	cps
Silver	107-1	375	400	567	447	23.30	cps
Sodium	23-2	104875	107235	104734	105615	1.33	cps
Strontium	86-1	12423	13174	12173	12590	4.14	cps
Strontium	88-1	103273	105472	104851	104532	1.08	cps
Sulfur	34-1	362120	363324	366509	363984	0.62	cps
Terbium	159-1	11038637	10949733	10862748	10950373	0.80	cps
Terbium	159-2	2301877	2332156	2282631	2305555	1.08	cps
Thallium	203-1	150	117	150	139	13.86	cps
Thallium	205-1	467	392	367	408	12.75	cps
Tin	118-1	867	742	792	800	7.86	cps
Titanium	47-1	192	217	200	203	6.28	cps
Uranium	238-1	183	242	283	236	21.27	cps
Vanadium	51-2	60	63	67	63	5.27	cps
Yttrium	89-1	8678204	8657954	8608108	8648089	0.42	cps
Yttrium	89-2	299766	297015	295917	297566	0.67	cps
Zinc	66-2	53	60	77	63	18.98	cps
Zirconium	90-1	492	425	458	458	7.27	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-14DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:38:47	DataFile Name :	093SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	117	167	131	24.17	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-17DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX3	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:41:55	DataFile Name :	094SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1525	1717	2000	1747	13.68	cps
Antimony	121-1	192	125	175	164	21.17	cps
Arsenic	75-2	22	17	11	17	33.33	cps
Barium	135-1	9504	9687	9112	9434	3.12	cps
Barium	137-1	16820	15777	16536	16378	3.29	cps
Beryllium	9-1	139	94	83	106	27.85	cps
Bismuth	209-1	7046209	7055452	7022220	7041294	0.24	cps
Bismuth	209-2	1927286	1923385	1933371	1928014	0.26	cps
Boron	10-1	1942	1950	1900	1931	1.39	cps
Boron	11-1	8561	8828	9253	8881	3.93	cps
Cadmium	111-1	1003	1046	1113	1054	5.26	cps
Cadmium	106-1	1383	1475	1575	1478	6.49	cps
Cadmium	108-1	4	17	21	14	62.43	cps
Calcium	43-1	44772	44488	44187	44482	0.66	cps
Calcium	44-1	721931	720311	723864	722035	0.25	cps
Chromium	52-2	737	730	730	732	0.53	cps
Cobalt	59-2	673	677	653	668	1.89	cps
Copper	63-2	1017	1067	1033	1039	2.45	cps
Dysprosium	156-1	1033	1192	1333	1186	12.65	cps
Dysprosium	156-2	237	300	267	268	11.83	cps
Erbium	164-1	1292	983	1258	1178	14.37	cps
Erbium	164-2	220	253	287	253	13.16	cps
Gadolinium	160-1	1142	1242	1133	1172	5.14	cps
Gadolinium	160-2	317	303	320	313	2.82	cps
Holmium	165-1	10568308	10625598	10606062	10599990	0.27	cps
Holmium	165-2	2443708	2411718	2423902	2426443	0.67	cps
Indium	115-1	8522932	8441261	8506372	8490188	0.51	cps
Indium	115-2	414680	410740	413890	413103	0.50	cps
Iron	56-2	200917	197022	199096	199012	0.98	cps
Iron	57-2	5190	4923	4840	4984	3.67	cps
Lead	206-1	1789	1811	1928	1843	4.05	cps
Lead	207-1	1395	1645	1478	1506	8.46	cps
Lead	208-1	6901	7195	7134	7077	2.20	cps
Lithium	6-1	1302197	1310247	1296218	1302887	0.54	cps
Magnesium	24-2	19314	19723	19623	19553	1.09	cps
Manganese	55-2	24091	23290	23613	23665	1.70	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-17DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX3	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:41:55	DataFile Name :	094SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	583	517	442	514	13.79	cps
Molybdenum	95-1	83	83	108	92	15.74	cps
Molybdenum	96-1	125	217	83	142	48.15	cps
Molybdenum	97-1	67	100	100	89	21.65	cps
Molybdenum	98-1	158	108	100	122	25.81	cps
Neodymium	150-1	1567	1627	1553	1582	2.47	cps
Neodymium	150-2	203	230	197	210	8.40	cps
Nickel	60-2	393	387	453	411	8.93	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	4101	3826	4451	4126	7.60	cps
Rhodium	103-1	7661343	7672687	7732027	7688686	0.49	cps
Rhodium	103-2	2179281	2154181	2192473	2175312	0.89	cps
Scandium	45-1	4455034	4427421	4445875	4442777	0.32	cps
Scandium	45-2	38646	38640	37427	38238	1.84	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	11	4	6	88.24	cps
Selenium	82-1	-12	-109	25	-32	-216.81	cps
Silicon	28-1	1802922	1750209	1733604	1762245	2.05	cps
Silver	109-1	417	408	417	414	1.16	cps
Silver	107-1	367	475	450	431	13.17	cps
Sodium	23-2	371796	368109	368043	369316	0.58	cps
Strontium	86-1	25241	24690	24715	24882	1.25	cps
Strontium	88-1	213742	213689	213859	213764	0.04	cps
Sulfur	34-1	358745	357880	361972	359532	0.60	cps
Terbium	159-1	10982147	10909235	10965956	10952446	0.35	cps
Terbium	159-2	2343638	2313133	2328803	2328524	0.66	cps
Thallium	203-1	150	158	158	156	3.09	cps
Thallium	205-1	400	467	342	403	15.53	cps
Tin	118-1	800	792	892	828	6.70	cps
Titanium	47-1	10158	9655	8870	9561	6.79	cps
Uranium	238-1	1442	1350	1367	1386	3.52	cps
Vanadium	51-2	460	467	403	443	7.85	cps
Yttrium	89-1	8603894	8687412	8597529	8629611	0.58	cps
Yttrium	89-2	299332	298059	299415	298935	0.25	cps
Zinc	66-2	127	147	157	143	10.66	cps
Zirconium	90-1	1225	1133	1100	1153	5.61	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-17DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX3	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:41:55	DataFile Name :	094SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	225	250	250	10.00	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-18DLX20 Instrumnet Name : P8
 Client Sample ID : MBDYX5 Dilution Factor : 20
 Date & Time Acquired :: 2017-12-18 19:45:02 DataFile Name : 095SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2009	1942	1892	1947	3.01	cps
Antimony	121-1	492	250	467	403	33.00	cps
Arsenic	75-2	22	24	19	22	13.08	cps
Barium	135-1	8937	9087	9754	9259	4.70	cps
Barium	137-1	14976	16661	16211	15949	5.47	cps
Beryllium	9-1	56	128	100	94	38.57	cps
Bismuth	209-1	7063178	7072656	7003346	7046394	0.53	cps
Bismuth	209-2	1913425	1920550	1921207	1918394	0.22	cps
Boron	10-1	2859	3167	3000	3009	5.13	cps
Boron	11-1	14183	15234	15242	14886	4.09	cps
Cadmium	111-1	1060	1064	1096	1073	1.85	cps
Cadmium	106-1	1508	1508	1550	1522	1.58	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	80857	81520	79232	80536	1.46	cps
Calcium	44-1	1343223	1343092	1334033	1340116	0.39	cps
Chromium	52-2	6175	6001	5855	6010	2.67	cps
Cobalt	59-2	760	780	813	784	3.43	cps
Copper	63-2	2477	2237	2354	2356	5.10	cps
Dysprosium	156-1	792	808	908	836	7.55	cps
Dysprosium	156-2	177	240	167	194	20.45	cps
Erbium	164-1	800	892	817	836	5.84	cps
Erbium	164-2	140	187	170	166	14.29	cps
Gadolinium	160-1	1025	1033	1025	1028	0.47	cps
Gadolinium	160-2	237	267	297	267	11.25	cps
Holmium	165-1	10545806	10522285	10671754	10579948	0.76	cps
Holmium	165-2	2424557	2400751	2384782	2403363	0.83	cps
Indium	115-1	8458787	8529038	8507844	8498556	0.42	cps
Indium	115-2	411929	409616	407726	409757	0.51	cps
Iron	56-2	265395	264416	267362	265724	0.56	cps
Iron	57-2	6913	6568	6669	6717	2.64	cps
Lead	206-1	1639	1683	1506	1609	5.75	cps
Lead	207-1	1628	1472	1572	1558	5.06	cps
Lead	208-1	6679	6829	6434	6647	3.00	cps
Lithium	6-1	1295711	1293895	1326840	1305482	1.42	cps
Magnesium	24-2	42907	43694	42155	42919	1.79	cps
Manganese	55-2	8263	8206	8439	8303	1.47	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-18DLX20 Instrumnet Name : P8
 Client Sample ID : MBDYX5 Dilution Factor : 20
 Date & Time Acquired :: 2017-12-18 19:45:02 DataFile Name : 095SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2192	2234	2325	2250	3.03	cps
Molybdenum	95-1	4162	3276	3292	3577	14.17	cps
Molybdenum	96-1	3526	3784	3476	3595	4.60	cps
Molybdenum	97-1	2017	2217	2217	2150	5.37	cps
Molybdenum	98-1	5301	5093	5910	5435	7.81	cps
Neodymium	150-1	1213	960	1180	1118	12.32	cps
Neodymium	150-2	183	173	127	161	18.77	cps
Nickel	60-2	2777	2807	2814	2799	0.70	cps
Phosphorus	31-2	8	25	25	19	49.50	cps
Potassium	39-2	5443	5251	5126	5273	3.03	cps
Rhodium	103-1	7665135	7639272	7723399	7675935	0.56	cps
Rhodium	103-2	2177460	2158504	2144230	2160065	0.77	cps
Scandium	45-1	4388369	4415872	4434062	4412768	0.52	cps
Scandium	45-2	37925	38058	37687	37890	0.50	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	2	6	4	49.54	cps
Selenium	82-1	59	15	-93	-6	-1268.32	cps
Silicon	28-1	2344038	2371708	2423324	2379690	1.69	cps
Silver	109-1	500	692	525	572	18.21	cps
Silver	107-1	558	708	733	667	14.20	cps
Sodium	23-2	257278	255852	256311	256480	0.28	cps
Strontium	86-1	46673	44883	44340	45299	2.70	cps
Strontium	88-1	394116	391519	392458	392698	0.33	cps
Sulfur	34-1	366147	367459	367657	367087	0.22	cps
Terbium	159-1	10974819	10891399	11119808	10995342	1.05	cps
Terbium	159-2	2322593	2324095	2343079	2329922	0.49	cps
Thallium	203-1	158	167	175	167	5.00	cps
Thallium	205-1	242	333	333	303	17.48	cps
Tin	118-1	783	933	842	853	8.87	cps
Titanium	47-1	11831	11263	11889	11661	2.96	cps
Uranium	238-1	5001	4885	4734	4873	2.74	cps
Vanadium	51-2	457	397	453	436	7.74	cps
Yttrium	89-1	8527827	8491974	8652309	8557370	0.98	cps
Yttrium	89-2	294582	294235	293932	294250	0.11	cps
Zinc	66-2	517	563	537	539	4.34	cps
Zirconium	90-1	983	1050	900	978	7.69	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-18DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYX5	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:45:02	DataFile Name :	095SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	250	233	242	3.44	cps

LB Number : LB92267 Operator : Jaswal
 Lab Sample ID : I6913-19DLX20 Instrumnet Name : P8
 Client Sample ID : MBDYZ8 Dilution Factor : 20
 Date & Time Acquired :: 2017-12-18 19:48:09 DataFile Name : 096SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	58	42	42	40.00	cps
Antimony	121-1	117	167	133	139	18.33	cps
Arsenic	75-2	2	0	2	1	86.60	cps
Barium	135-1	117	50	58	75	48.43	cps
Barium	137-1	75	92	100	89	14.33	cps
Beryllium	9-1	50	39	117	69	61.39	cps
Bismuth	209-1	7035884	7027618	6980345	7014616	0.43	cps
Bismuth	209-2	1928728	1915095	1911290	1918371	0.48	cps
Boron	10-1	1158	1025	1258	1147	10.20	cps
Boron	11-1	5101	4768	5043	4971	3.58	cps
Cadmium	111-1	1116	1028	1112	1086	4.59	cps
Cadmium	106-1	1575	1475	1575	1542	3.75	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	933	950	983	956	2.66	cps
Calcium	44-1	16360	16953	17161	16825	2.47	cps
Chromium	52-2	287	390	370	349	15.71	cps
Cobalt	59-2	47	40	13	33	52.92	cps
Copper	63-2	250	190	257	232	15.81	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	75	17	39	81.12	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	33	33	50	39	24.75	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	10554384	10629450	10497038	10560291	0.63	cps
Holmium	165-2	2387668	2396852	2367831	2384117	0.62	cps
Indium	115-1	8559118	8496979	8489360	8515152	0.45	cps
Indium	115-2	412490	406230	406499	408406	0.87	cps
Iron	56-2	2828	2995	2684	2836	5.49	cps
Iron	57-2	106	56	111	91	33.72	cps
Lead	206-1	494	611	428	511	18.16	cps
Lead	207-1	417	450	372	413	9.45	cps
Lead	208-1	1961	2267	1933	2054	9.01	cps
Lithium	6-1	1297721	1323817	1267892	1296477	2.16	cps
Magnesium	24-2	775	692	750	739	5.79	cps
Manganese	55-2	73	43	77	64	28.49	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-19DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYZ8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:48:09	DataFile Name :	096SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	192	200	200	4.16	cps
Molybdenum	95-1	25	17	17	19	24.73	cps
Molybdenum	96-1	92	75	83	83	10.00	cps
Molybdenum	97-1	58	50	8	39	68.89	cps
Molybdenum	98-1	17	50	58	42	52.91	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	220	277	257	251	11.45	cps
Phosphorus	31-2	17	0	25	14	91.65	cps
Potassium	39-2	2425	2417	2359	2400	1.51	cps
Rhodium	103-1	7715388	7697212	7671966	7694855	0.28	cps
Rhodium	103-2	2152263	2175320	2154962	2160848	0.58	cps
Scandium	45-1	4441589	4363025	4413201	4405939	0.90	cps
Scandium	45-2	37928	38025	37754	37902	0.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	7	4	65.54	cps
Selenium	82-1	-38	-31	-99	-56	-66.35	cps
Silicon	28-1	347313	346781	342295	345463	0.80	cps
Silver	109-1	442	275	325	347	24.63	cps
Silver	107-1	333	292	383	336	13.66	cps
Sodium	23-2	19139	18772	19522	19144	1.96	cps
Strontium	86-1	625	642	667	644	3.25	cps
Strontium	88-1	400	358	333	364	9.25	cps
Sulfur	34-1	355284	355229	355828	355447	0.09	cps
Terbium	159-1	10935319	11051767	10783212	10923433	1.23	cps
Terbium	159-2	2332502	2290322	2298872	2307232	0.97	cps
Thallium	203-1	208	83	183	158	41.77	cps
Thallium	205-1	458	250	242	317	38.77	cps
Tin	118-1	750	683	833	756	9.95	cps
Titanium	47-1	258	217	242	239	8.78	cps
Uranium	238-1	25	33	42	33	25.01	cps
Vanadium	51-2	10	17	10	12	31.50	cps
Yttrium	89-1	8638543	8541208	8522320	8567357	0.73	cps
Yttrium	89-2	295647	291575	292902	293375	0.71	cps
Zinc	66-2	40	20	33	31	32.73	cps
Zirconium	90-1	433	475	525	478	9.61	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-19DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYZ8	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:48:09	DataFile Name :	096SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	117	175	133	27.24	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-20DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT3	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:51:17	DataFile Name :	097CCV_P8121817MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	142	183	131	45.28	cps
Antimony	121-1	175	67	167	136	44.29	cps
Arsenic	75-2	2	7	4	4	65.54	cps
Barium	135-1	1283	1350	1300	1311	2.65	cps
Barium	137-1	2600	2292	2442	2445	6.31	cps
Beryllium	9-1	72	144	83	100	38.89	cps
Bismuth	209-1	7022949	7040577	7011460	7024995	0.21	cps
Bismuth	209-2	1873573	1877189	1876513	1875759	0.10	cps
Boron	10-1	1317	1308	1283	1303	1.33	cps
Boron	11-1	5568	5943	5668	5726	3.39	cps
Cadmium	111-1	1178	1186	1122	1162	3.01	cps
Cadmium	106-1	1692	1684	1584	1653	3.65	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	22352	21793	21801	21982	1.46	cps
Calcium	44-1	362223	360592	360241	361018	0.29	cps
Chromium	52-2	483	477	423	461	7.13	cps
Cobalt	59-2	117	63	83	88	30.70	cps
Copper	63-2	670	597	757	674	11.88	cps
Dysprosium	156-1	75	42	58	58	28.57	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	75	75	92	81	11.95	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	42	58	67	56	22.91	cps
Gadolinium	160-2	23	17	13	18	28.64	cps
Holmium	165-1	10493552	10546724	10433528	10491268	0.54	cps
Holmium	165-2	2323133	2327165	2317998	2322765	0.20	cps
Indium	115-1	8478511	8401712	8325153	8401792	0.91	cps
Indium	115-2	399055	405929	396561	400515	1.21	cps
Iron	56-2	15943	16505	15448	15965	3.31	cps
Iron	57-2	494	378	333	402	20.71	cps
Lead	206-1	600	661	694	652	7.35	cps
Lead	207-1	544	517	544	535	3.00	cps
Lead	208-1	2506	2606	2450	2521	3.13	cps
Lithium	6-1	1293147	1284514	1270266	1282643	0.90	cps
Magnesium	24-2	14299	14049	13757	14035	1.93	cps
Manganese	55-2	453	430	407	430	5.43	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-20DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT3	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:51:17	DataFile Name :	097CCV_P8121817MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	350	200	258	31.11	cps
Molybdenum	95-1	67	92	25	61	55.11	cps
Molybdenum	96-1	108	158	92	119	29.05	cps
Molybdenum	97-1	67	58	67	64	7.53	cps
Molybdenum	98-1	100	125	117	114	11.18	cps
Neodymium	150-1	80	73	73	76	5.09	cps
Neodymium	150-2	7	10	17	11	45.82	cps
Nickel	60-2	263	243	280	262	7.00	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	3226	3150	3067	3148	2.52	cps
Rhodium	103-1	7607434	7551101	7567668	7575401	0.38	cps
Rhodium	103-2	2125599	2133143	2101455	2120066	0.78	cps
Scandium	45-1	4389772	4380272	4327877	4365974	0.76	cps
Scandium	45-2	37176	36835	37002	37004	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-84	-47	-107	-79	-38.14	cps
Silicon	28-1	2295135	2279186	2277736	2284019	0.42	cps
Silver	109-1	283	267	358	303	16.13	cps
Silver	107-1	442	425	508	458	9.62	cps
Sodium	23-2	137661	139789	138231	138560	0.79	cps
Strontium	86-1	4993	5410	5043	5148	4.42	cps
Strontium	88-1	41681	41247	41029	41319	0.80	cps
Sulfur	34-1	359109	360051	360838	359999	0.24	cps
Terbium	159-1	10898639	10923615	10878357	10900204	0.21	cps
Terbium	159-2	2285811	2293608	2265036	2281485	0.65	cps
Thallium	203-1	183	183	158	175	8.25	cps
Thallium	205-1	408	317	283	336	19.26	cps
Tin	118-1	833	733	942	836	12.46	cps
Titanium	47-1	900	650	725	759	16.93	cps
Uranium	238-1	58	33	25	39	44.62	cps
Vanadium	51-2	120	93	173	129	31.60	cps
Yttrium	89-1	8526277	8470233	8515984	8504165	0.35	cps
Yttrium	89-2	287924	290525	285730	288060	0.83	cps
Zinc	66-2	103	57	93	84	29.10	cps
Zirconium	90-1	625	625	842	697	17.97	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-20DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYT3	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:51:17	DataFile Name :	097CCV_P8121817MS.C

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	233	192	197	17.08	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-21DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW4	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:59:44	DataFile Name :	098SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	25	31	31.50	cps
Antimony	121-1	167	183	167	172	5.59	cps
Arsenic	75-2	0	2	2	1	86.60	cps
Barium	135-1	4901	5301	5001	5068	4.11	cps
Barium	137-1	9062	8803	9087	8984	1.75	cps
Beryllium	9-1	94	78	122	98	22.88	cps
Bismuth	209-1	6819899	6843723	6849097	6837573	0.23	cps
Bismuth	209-2	1854069	1858408	1861017	1857831	0.19	cps
Boron	10-1	2459	2642	2609	2570	3.80	cps
Boron	11-1	12306	12890	13140	12778	3.35	cps
Cadmium	111-1	950	856	991	933	7.42	cps
Cadmium	106-1	1333	1192	1408	1311	8.39	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	54323	53796	51177	53099	3.17	cps
Calcium	44-1	884833	886037	883773	884881	0.13	cps
Chromium	52-2	350	457	310	372	20.37	cps
Cobalt	59-2	327	297	270	298	9.52	cps
Copper	63-2	310	283	367	320	13.30	cps
Dysprosium	156-1	33	8	25	22	57.29	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	75	117	92	94	22.21	cps
Erbium	164-2	17	7	13	12	41.65	cps
Gadolinium	160-1	75	42	117	78	48.31	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	10105105	10355949	10251839	10237631	1.23	cps
Holmium	165-2	2326776	2323110	2336471	2328785	0.30	cps
Indium	115-1	8196082	8244163	8163581	8201276	0.49	cps
Indium	115-2	396292	398271	395336	396633	0.38	cps
Iron	56-2	4451	4334	4267	4351	2.13	cps
Iron	57-2	89	144	122	119	23.59	cps
Lead	206-1	594	722	700	672	10.16	cps
Lead	207-1	533	606	439	526	15.89	cps
Lead	208-1	2406	2628	2622	2552	4.97	cps
Lithium	6-1	1258709	1264830	1272962	1265501	0.57	cps
Magnesium	24-2	35662	34368	36072	35367	2.52	cps
Manganese	55-2	30146	30864	30614	30541	1.19	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-21DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW4	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:59:44	DataFile Name :	098SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	608	567	650	608	6.85	cps
Molybdenum	95-1	833	867	942	881	6.30	cps
Molybdenum	96-1	1058	1067	900	1008	9.31	cps
Molybdenum	97-1	550	617	533	567	7.78	cps
Molybdenum	98-1	1367	1325	1492	1395	6.22	cps
Neodymium	150-1	87	47	33	56	49.96	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	307	343	353	334	7.35	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	6443	6560	6235	6413	2.57	cps
Rhodium	103-1	7453990	7382042	7400029	7412020	0.51	cps
Rhodium	103-2	2107388	2099016	2082537	2096314	0.60	cps
Scandium	45-1	4282659	4263771	4237203	4261211	0.54	cps
Scandium	45-2	36518	35699	36878	36365	1.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-7	-37	-87	-44	-92.85	cps
Silicon	28-1	2588355	2580493	2570246	2579698	0.35	cps
Silver	109-1	325	225	250	267	19.52	cps
Silver	107-1	267	375	292	311	18.23	cps
Sodium	23-2	168444	168032	166874	167783	0.48	cps
Strontium	86-1	14358	14442	13724	14175	2.77	cps
Strontium	88-1	118554	118276	118738	118523	0.20	cps
Sulfur	34-1	363295	363989	364326	363870	0.14	cps
Terbium	159-1	10667937	10692837	10611677	10657484	0.39	cps
Terbium	159-2	2267112	2262414	2218675	2249400	1.19	cps
Thallium	203-1	225	192	167	194	15.05	cps
Thallium	205-1	400	433	492	442	10.51	cps
Tin	118-1	825	767	783	792	3.79	cps
Titanium	47-1	233	292	317	281	15.24	cps
Uranium	238-1	633	500	592	575	11.86	cps
Vanadium	51-2	67	43	57	56	21.08	cps
Yttrium	89-1	8319243	8268361	8331342	8306315	0.40	cps
Yttrium	89-2	283641	285304	286427	285124	0.49	cps
Zinc	66-2	340	323	330	331	2.53	cps
Zirconium	90-1	425	533	475	478	11.35	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	I6913-21DLX20	Instrumnet Name :	P8
Client Sample ID :	MBDYW4	Dilution Factor :	20
Date & Time Acquired ::	2017-12-18 19:59:44	DataFile Name :	098SMPL_P8121817MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	142	117	125	11.55	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV080	Instrumnet Name :	P8
Client Sample ID :	CCV080	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 20:02:52	DataFile Name :	099CCV_P8121817MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253066	251227	249352	251215	0.74	cps
Antimony	121-1	3960846	3908252	3912221	3927106	0.75	cps
Arsenic	75-2	44616	44631	44076	44441	0.71	cps
Barium	135-1	4180171	4198064	4156459	4178231	0.50	cps
Barium	137-1	7137576	7220792	7288775	7215714	1.05	cps
Beryllium	9-1	424702	425077	425884	425221	0.14	cps
Bismuth	209-1	6493727	6526641	6538659	6519676	0.36	cps
Bismuth	209-2	1697688	1697371	1695525	1696861	0.07	cps
Boron	10-1	48817	50164	48926	49302	1.52	cps
Boron	11-1	224885	227645	234419	228983	2.14	cps
Cadmium	111-1	778817	779329	788378	782175	0.69	cps
Cadmium	106-1	81815	81170	83843	82276	1.70	cps
Cadmium	108-1	55861	56531	55509	55967	0.93	cps
Calcium	43-1	3837610	3804209	3799999	3813940	0.54	cps
Calcium	44-1	61725053	61616849	61875353	61739085	0.21	cps
Chromium	52-2	336324	333309	335166	334933	0.45	cps
Cobalt	59-2	701989	698993	698890	699958	0.25	cps
Copper	63-2	1178083	1182355	1180932	1180457	0.18	cps
Dysprosium	156-1	75	58	75	69	13.85	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	83	92	83	86	5.58	cps
Erbium	164-2	17	10	0	9	94.38	cps
Gadolinium	160-1	50	117	100	89	39.03	cps
Gadolinium	160-2	23	20	27	23	14.29	cps
Holmium	165-1	10345545	10307657	10395374	10349525	0.43	cps
Holmium	165-2	2346225	2292154	2314051	2317477	1.17	cps
Indium	115-1	7899778	7897121	7942581	7913160	0.32	cps
Indium	115-2	381225	380787	382127	381379	0.18	cps
Iron	56-2	56374037	55910403	55811998	56032146	0.54	cps
Iron	57-2	1426265	1426938	1417097	1423433	0.39	cps
Lead	206-1	2558214	2599397	2561656	2573089	0.89	cps
Lead	207-1	2367993	2345032	2386243	2366423	0.87	cps
Lead	208-1	10447460	10470756	10494267	10470828	0.22	cps
Lithium	6-1	1198057	1202988	1217374	1206140	0.83	cps
Magnesium	24-2	5702801	5693987	5656995	5684594	0.43	cps
Manganese	55-2	198745	198349	198607	198567	0.10	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV080	Instrumnet Name :	P8
Client Sample ID :	CCV080	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 20:02:52	DataFile Name :	099CCV_P8121817MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6428592	6350228	6402893	6393905	0.62	cps
Molybdenum	95-1	7883694	7840218	7846164	7856692	0.30	cps
Molybdenum	96-1	8771493	8679221	8727265	8725993	0.53	cps
Molybdenum	97-1	4976589	4922910	4985036	4961512	0.68	cps
Molybdenum	98-1	12645572	12673202	12584588	12634454	0.36	cps
Neodymium	150-1	213	200	287	233	20.00	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	200473	201383	199602	200486	0.44	cps
Phosphorus	31-2	3476	3192	3100	3256	6.01	cps
Potassium	39-2	1766311	1773719	1790963	1776998	0.71	cps
Rhodium	103-1	6979328	7002788	6936105	6972740	0.49	cps
Rhodium	103-2	1991461	1976120	1973027	1980203	0.50	cps
Scandium	45-1	4223937	4267292	4299651	4263627	0.89	cps
Scandium	45-2	36798	36661	36705	36721	0.19	cps
Selenium	77-2	340	290	300	310	8.53	cps
Selenium	78-2	1170	1145	1035	1117	6.43	cps
Selenium	82-1	48110	47812	47855	47926	0.34	cps
Silicon	28-1	1563380	1543378	1534405	1547054	0.96	cps
Silver	109-1	3752646	3756745	3786881	3765424	0.50	cps
Silver	107-1	3897074	3885915	3915902	3899630	0.39	cps
Sodium	23-2	13261759	13223269	13178138	13221055	0.32	cps
Strontium	86-1	1025700	1024878	1029130	1026570	0.22	cps
Strontium	88-1	8857765	8846756	8953431	8885984	0.66	cps
Sulfur	34-1	546406	548615	552983	549335	0.61	cps
Terbium	159-1	10684610	10640778	10650771	10658720	0.22	cps
Terbium	159-2	2225462	2247554	2222733	2231916	0.61	cps
Thallium	203-1	3195032	3171474	3171892	3179466	0.42	cps
Thallium	205-1	7392418	7432323	7453942	7426228	0.42	cps
Tin	118-1	2727393	2696632	2692267	2705431	0.71	cps
Titanium	47-1	1928033	1942079	1952843	1940985	0.64	cps
Uranium	238-1	10366924	10365999	10323224	10352049	0.24	cps
Vanadium	51-2	256336	254523	254874	255244	0.38	cps
Yttrium	89-1	8237156	8245821	8295499	8259492	0.38	cps
Yttrium	89-2	285655	282082	286478	284738	0.82	cps
Zinc	66-2	110452	111295	109798	110515	0.68	cps
Zirconium	90-1	5354576	5349304	5384338	5362739	0.35	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCV080	Instrumnet Name :	P8
Client Sample ID :	CCV080	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 20:02:52	DataFile Name :	099CCV_P8121817MS.E

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1187265	1186598	1197921	1190595	0.53	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB080	Instrumnet Name :	P8
Client Sample ID :	CCB080	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 20:05:50	DataFile Name :	100CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	8	6	86.60	cps
Antimony	121-1	1617	1917	1709	1747	8.80	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	50	75	92	72	29.04	cps
Barium	137-1	58	17	67	47	56.72	cps
Beryllium	9-1	294	289	300	294	1.89	cps
Bismuth	209-1	6769321	6761560	6706678	6745853	0.51	cps
Bismuth	209-2	1887745	1888874	1850589	1875736	1.16	cps
Boron	10-1	1975	1959	1667	1867	9.29	cps
Boron	11-1	9178	7944	7702	8275	9.57	cps
Cadmium	111-1	876	958	1139	991	13.55	cps
Cadmium	106-1	1183	1350	1559	1364	13.78	cps
Cadmium	108-1	21	17	21	19	12.35	cps
Calcium	43-1	992	900	925	939	5.05	cps
Calcium	44-1	14366	14909	14708	14661	1.87	cps
Chromium	52-2	310	287	313	303	4.79	cps
Cobalt	59-2	53	47	70	57	21.21	cps
Copper	63-2	280	273	237	263	8.86	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	58	67	56	22.91	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	50	83	75	69	24.98	cps
Gadolinium	160-2	10	0	3	4	114.60	cps
Holmium	165-1	10072309	10094213	10166003	10110842	0.48	cps
Holmium	165-2	2338310	2336492	2282139	2318980	1.38	cps
Indium	115-1	8220228	8230709	8238108	8229682	0.11	cps
Indium	115-2	410017	404241	404422	406227	0.81	cps
Iron	56-2	3006	2823	2739	2856	4.78	cps
Iron	57-2	61	78	28	56	45.82	cps
Lead	206-1	417	417	333	389	12.37	cps
Lead	207-1	383	333	367	361	7.05	cps
Lead	208-1	1750	1489	1672	1637	8.19	cps
Lithium	6-1	1258662	1246254	1247826	1250914	0.54	cps
Magnesium	24-2	575	658	550	594	9.54	cps
Manganese	55-2	47	30	23	33	36.07	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB080	Instrumnet Name :	P8
Client Sample ID :	CCB080	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 20:05:50	DataFile Name :	100CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	567	442	492	500	12.58	cps
Molybdenum	95-1	425	292	458	392	22.52	cps
Molybdenum	96-1	558	533	517	536	3.91	cps
Molybdenum	97-1	225	283	358	289	23.14	cps
Molybdenum	98-1	617	633	533	594	9.01	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	160	173	203	179	12.41	cps
Phosphorus	31-2	25	25	0	17	86.60	cps
Potassium	39-2	2792	2634	2625	2684	3.50	cps
Rhodium	103-1	7409430	7460634	7403821	7424628	0.42	cps
Rhodium	103-2	2162505	2142435	2113548	2139496	1.15	cps
Scandium	45-1	4328285	4333856	4314483	4325541	0.23	cps
Scandium	45-2	37697	38122	37380	37733	0.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	7	2	4	86.68	cps
Selenium	82-1	-157	-14	0	-57	-152.71	cps
Silicon	28-1	341321	337813	340274	339803	0.53	cps
Silver	109-1	1675	1975	1734	1795	8.87	cps
Silver	107-1	1659	1875	1600	1711	8.47	cps
Sodium	23-2	23228	21742	22118	22363	3.45	cps
Strontium	86-1	567	625	742	644	13.83	cps
Strontium	88-1	175	150	183	169	10.24	cps
Sulfur	34-1	335498	340150	340845	338831	0.86	cps
Terbium	159-1	10410186	10575183	10557391	10514253	0.86	cps
Terbium	159-2	2267476	2274778	2270937	2271064	0.16	cps
Thallium	203-1	717	758	542	672	17.10	cps
Thallium	205-1	2025	1650	1609	1761	13.03	cps
Tin	118-1	1217	1150	1067	1145	6.57	cps
Titanium	47-1	192	158	108	153	27.45	cps
Uranium	238-1	100	133	117	117	14.29	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Yttrium	89-1	8327523	8366820	8412808	8369050	0.51	cps
Yttrium	89-2	295999	294582	290320	293634	1.01	cps
Zinc	66-2	33	17	30	27	33.06	cps
Zirconium	90-1	825	708	742	758	7.92	cps

LB Number :	LB92267	Operator :	Jaswal
Lab Sample ID :	CCB080	Instrumnet Name :	P8
Client Sample ID :	CCB080	Dilution Factor :	1
Date & Time Acquired ::	2017-12-18 20:05:50	DataFile Name :	100CCBE_P8121817MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	175	233	189	20.85	cps