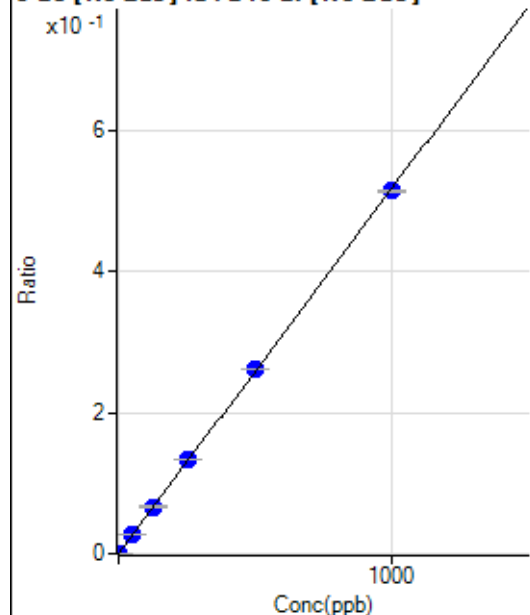


Batch Folder: D:\ICP-MS Data\P7111417 MS.b\
Analysis File: P7111417 MS.batch.bin
DA Date-Time: 2017-11-15 00:12:24
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-11-14 10:17:09
2			
3	005CALS.d	S02	2017-11-14 10:25:26
4	006CALS.d	S03	2017-11-14 10:29:17
5	007CALS.d	S04	2017-11-14 10:33:08
6	008CALS.d	S05	2017-11-14 10:36:54
7	009CALS.d	S06	2017-11-14 10:40:38
8	010CALS.d	S07	2017-11-14 10:44:20
9	011CALS.d	S08	2017-11-14 10:48:01

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0000	P	11.1
2	☐	0.100					
3	☐	1.000	0.905	1174.15	0.0005	P	15.2
4	☐	50.000	51.961	61987.71	0.0269	P	0.3
5	☐	125.000	129.045	153685.71	0.0668	P	1.0
6	☐	250.000	256.184	305153.58	0.1325	P	0.3
7	☐	500.000	506.192	593594.18	0.2618	P	0.2
8	☐	1000.000	994.754	1169078.03	0.5145	P	0.3
9	☐			403.72	0.0002	P	1.9

$$y = 5.1718\text{E-}004 * x + 3.5694\text{E-}005$$

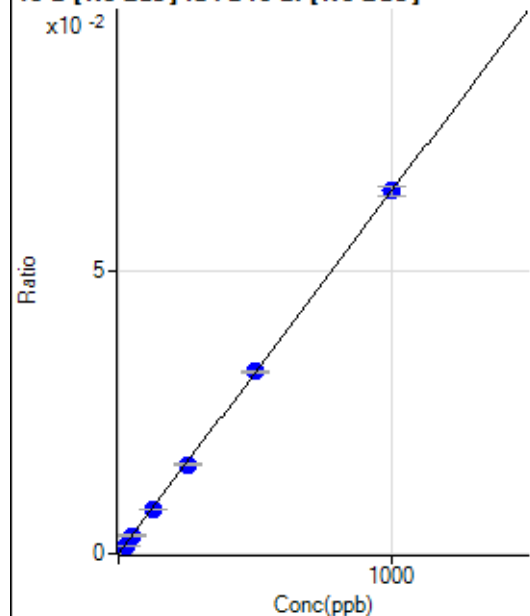
$$R = 0.9999$$

$$DL = 0.02295$$

$$BEC = 0.06902$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	11.3
2	☐	2.500					
3	☐	25.000	20.766	3189.35	0.0014	P	4.2
4	☐	50.000	48.945	7321.49	0.0032	P	4.6
5	☐	125.000	120.956	17958.45	0.0078	P	2.1
6	☐	250.000	245.776	36422.63	0.0158	P	3.4
7	☐	500.000	501.400	73082.56	0.0322	P	1.8
8	☐	1000.000	1001.020	146167.38	0.0643	P	2.4
9	☐			4423.06	0.0019	P	9.2

$$y = 6.4225\text{E-}005 * x + 3.4501\text{E-}005$$

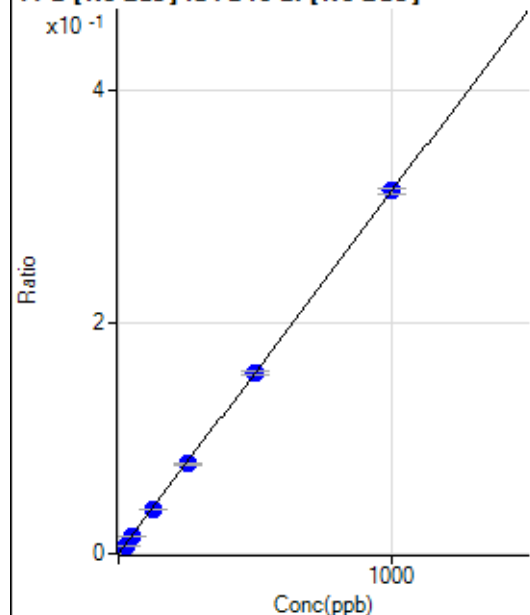
$$R = 1.0000$$

$$DL = 0.1813$$

$$BEC = 0.5372$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	433.36	0.0002	P	6.6
2	☐	2.500					
3	☐	25.000	21.051	15795.04	0.0068	P	2.7
4	☐	50.000	49.282	35965.92	0.0156	P	2.0
5	☐	125.000	122.665	88807.77	0.0386	P	1.6
6	☐	250.000	248.712	179696.34	0.0780	P	2.2
7	☐	500.000	498.422	354155.04	0.1562	P	2.3
8	☐	1000.000	1001.538	712870.47	0.3137	P	1.8
9	☐			21070.99	0.0091	P	10.1

$$y = 3.1305E-004 * x + 1.8567E-004$$

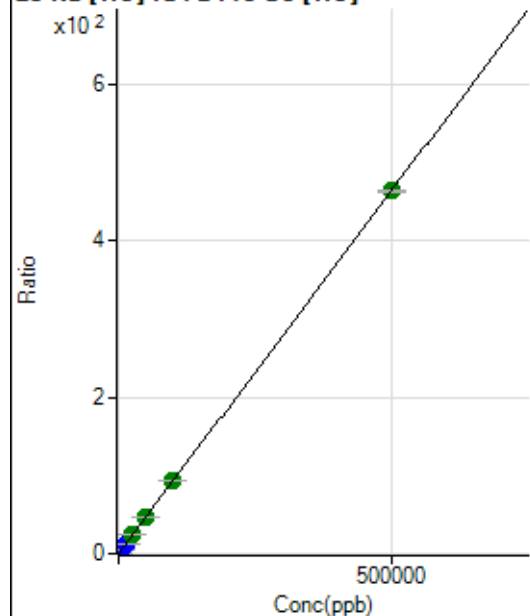
$$R = 1.0000$$

$$DL = 0.1179$$

$$BEC = 0.5931$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10301.15	0.0310	P	2.6
2	☐	50.000					
3	☐	500.000	465.567	153028.47	0.4622	P	0.4
4	☐	5000.000	5150.715	1563276.41	4.8019	P	0.5
5	☐	12500.000	13036.771	3949048.09	12.1064	P	0.7
6	☐	25000.000	25662.625	7840052.43	23.8012	A	0.3
7	☐	50000.000	50951.029	15660902.78	47.2248	A	0.4
8	☐	100000.00	99919.764	31713377.09	92.5825	A	0.3
9	☐	500000.00	499872.92	166112195.3	463.0425	A	0.3

$$y = 9.2626E-004 * x + 0.0310$$

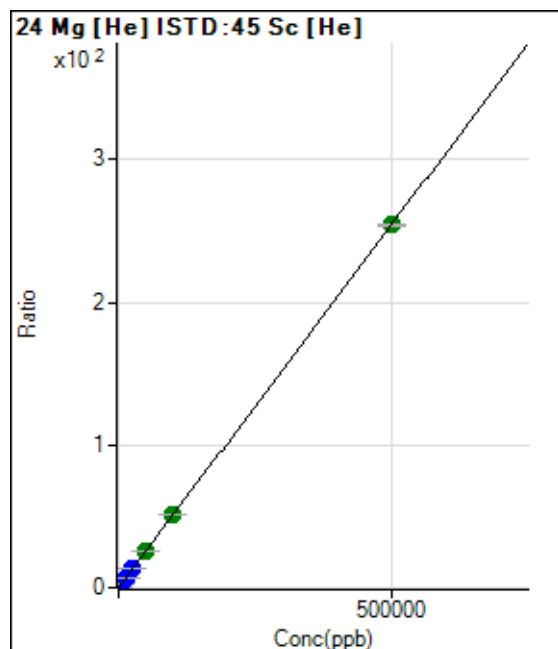
$$R = 1.0000$$

$$DL = 2.622$$

$$BEC = 33.46$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1464.02	0.0044	P	0.6
2	☐	50.000					
3	☐	500.000	459.341	78776.70	0.2380	P	0.8
4	☐	5000.000	5165.617	856466.18	2.6308	P	0.5
5	☐	12500.000	12939.198	2147419.41	6.5832	P	0.6
6	☐	25000.000	25769.771	4317318.07	13.1067	P	0.4
7	☐	50000.000	51177.028	8630411.04	26.0248	A	0.3
8	☐	100000.00	99996.725	17417038.06	50.8466	A	0.3
9	☐	500000.00	499831.86	91167125.65	254.1382	A	0.5

$$y = 5.0844\text{E-}004 * x + 0.0044$$

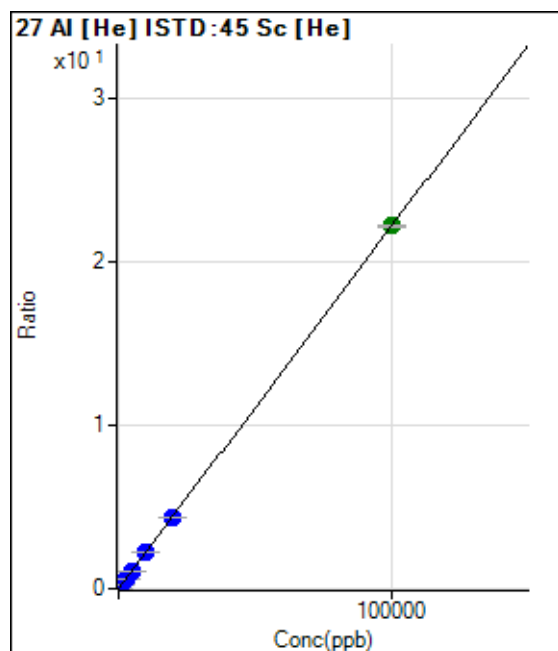
$$R = 1.0000$$

$$DL = 0.1454$$

$$BEC = 8.664$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.34	0.0001	P	43.2
2	☐	2.000					
3	☐	20.000	17.699	1330.68	0.0040	P	4.5
4	☐	1000.000	1004.691	72450.86	0.2225	P	0.1
5	☐	2500.000	2501.288	180677.31	0.5539	P	1.5
6	☐	5000.000	5019.971	366146.88	1.1116	P	0.1
7	☐	10000.000	9898.903	726844.50	2.1918	P	0.4
8	☐	20000.000	19438.846	1474286.65	4.3040	P	0.6
9	☐	100000.00	100121.26	7952549.74	22.1676	A	0.2

$$y = 2.2141\text{E-}004 * x + 1.0026\text{E-}004$$

$$R = 1.0000$$

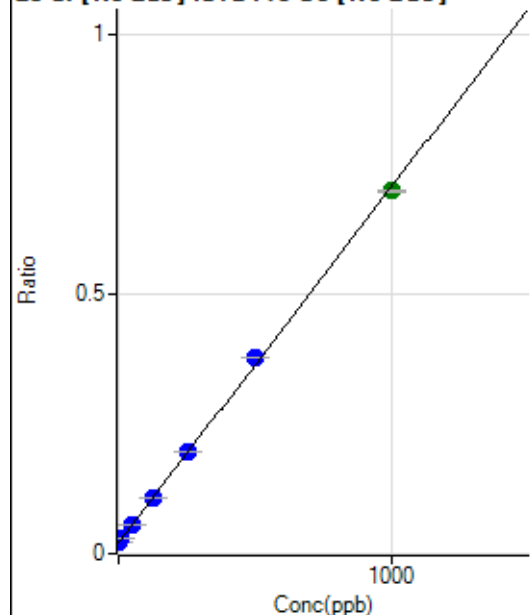
$$DL = 0.5867$$

$$BEC = 0.4528$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161512.93	0.0211	P	0.3
2	☐	1.000					
3	☐	10.000	11.137	218726.55	0.0288	P	1.1
4	☐	50.000	48.118	407013.32	0.0542	P	0.5
5	☐	125.000	123.693	796192.27	0.1061	P	0.4
6	☐	250.000	255.369	1482081.99	0.1964	P	1.1
7	☐	500.000	520.451	2865783.18	0.3784	P	0.8
8	☐	1000.000	988.678	5426459.93	0.6999	A	0.4
9	☐			412507.12	0.0527	P	0.8

$$y = 6.8648\text{E-}004 * x + 0.0211$$

$$R = 0.9997$$

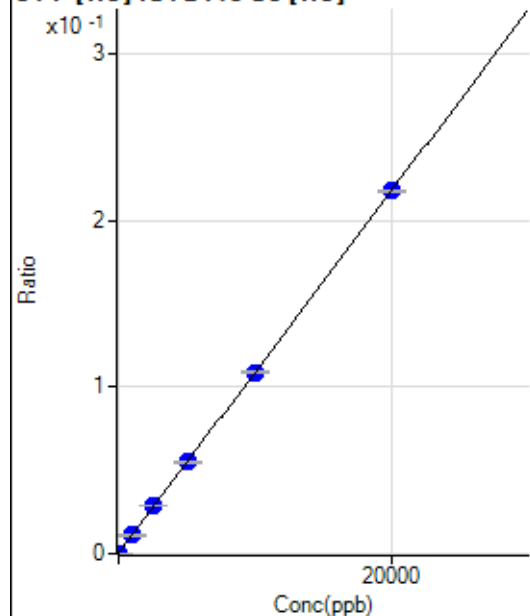
$$DL = 0.2501$$

$$BEC = 30.79$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.421	77.78	0.0002	P	34.6
2	☐	0.000					
3	☐	0.000	0.421	80.56	0.0002	P	11.9
4	☐	1000.000	1034.291	3745.08	0.0115	P	10.1
5	☐	2500.000	2603.978	9328.27	0.0286	P	2.0
6	☐	5000.000	5026.037	18108.80	0.0550	P	0.9
7	☐	10000.000	9970.453	36089.14	0.1088	P	1.2
8	☐	20000.000	19993.552	74667.81	0.2180	P	0.8
9	☐			100.01	0.0003	P	37.1

$$y = 1.0890\text{E-}005 * x + 2.3873\text{E-}004$$

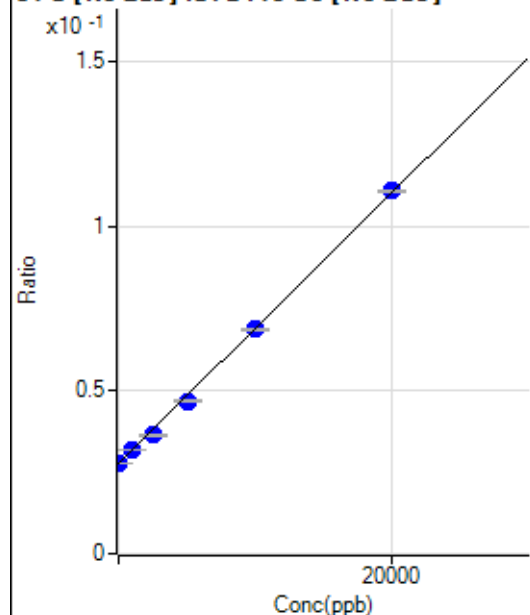
$$R = 1.0000$$

$$DL = 15.15$$

$$BEC = 21.92$$

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	15.198	210927.16	0.0276	P	1.0
2	☐	0.000					
3	☐	0.000	-15.198	208828.46	0.0275	P	0.8
4	☐	1000.000	967.631	236923.97	0.0315	P	0.6
5	☐	2500.000	2103.856	271894.98	0.0362	P	1.1
6	☐	5000.000	4632.081	351874.81	0.0466	P	0.5
7	☐	10000.000	9923.617	518390.25	0.0685	P	0.2
8	☐	20000.000	20181.308	858634.17	0.1107	P	0.4
9	☐			206362.28	0.0264	P	1.4

$$y = 4.1224\text{E-}006 * x + 0.0275$$

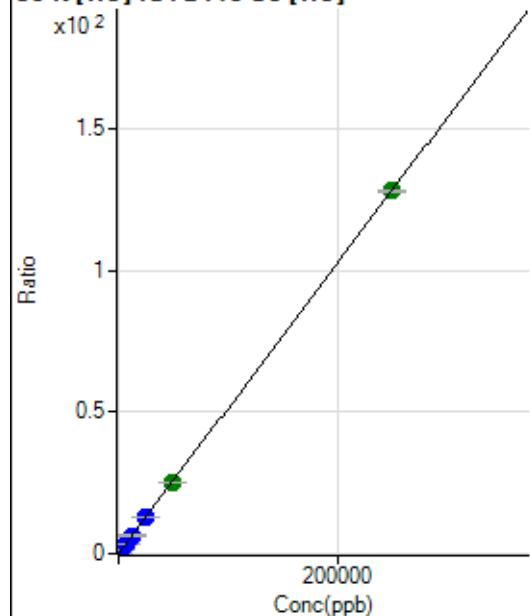
$$R = 0.9997$$

$$DL = 175.8$$

$$BEC = 6682$$

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	14963.67	0.0450	P	3.5
2	☐	50.000					
3	☐	500.000	441.291	89714.98	0.2710	P	1.9
4	☐	2500.000	2483.839	428738.68	1.3170	P	0.2
5	☐	6250.000	6265.635	1061293.74	3.2535	P	0.6
6	☐	12500.000	12483.577	2120571.12	6.4376	P	0.5
7	☐	25000.000	25153.503	4286458.65	12.9257	P	0.3
8	☐	50000.000	49287.268	8660862.78	25.2842	A	0.5
9	☐	250000.00	250127.90	45967022.56	128.1311	A	0.2

$$y = 5.1208\text{E-}004 * x + 0.0450$$

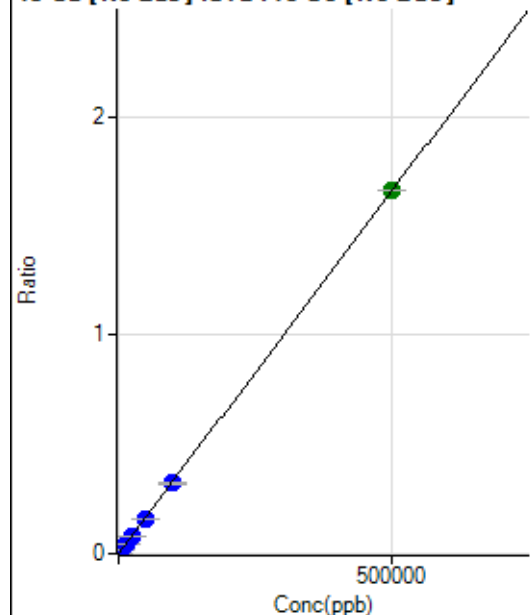
$$R = 1.0000$$

$$DL = 9.242$$

$$BEC = 87.92$$

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	422.24	0.0001	P	14.4
2	☐	50.000					
3	☐	500.000	428.387	11212.97	0.0015	P	2.7
4	☐	5000.000	4853.300	121325.66	0.0161	P	1.0
5	☐	12500.000	12184.232	303722.65	0.0405	P	0.2
6	☐	25000.000	24312.906	608642.09	0.0807	P	0.5
7	☐	50000.000	48758.701	1224780.65	0.1617	P	0.4
8	☐	100000.00	96968.121	2493444.67	0.3216	P	0.4
9	☐	500000.00	500774.29	13002840.57	1.6605	A	0.1

$$y = 3.3158\text{E-}006 * x + 5.5242\text{E-}005$$

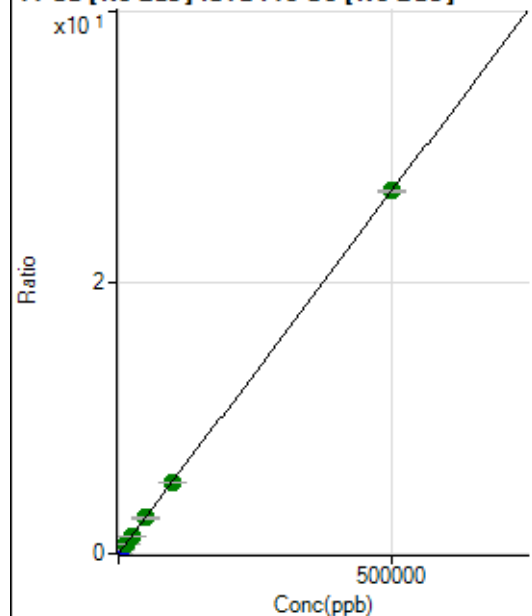
$$R = 1.0000$$

$$DL = 7.208$$

$$BEC = 16.66$$

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	16843.58	0.0022	P	1.3
2	☐	50.000					
3	☐	500.000	428.885	190742.04	0.0251	P	0.6
4	☐	5000.000	4901.570	1982641.10	0.2639	P	0.3
5	☐	12500.000	12326.602	4956980.06	0.6603	A	0.3
6	☐	25000.000	24654.164	9946660.64	1.3184	A	0.7
7	☐	50000.000	49088.366	19862688.46	2.6229	A	0.3
8	☐	100000.00	97782.794	40493334.93	5.2225	A	0.2
9	☐	500000.00	500557.28	209272336.6	26.7251	A	0.4

$$y = 5.3386\text{E-}005 * x + 0.0022$$

$$R = 1.0000$$

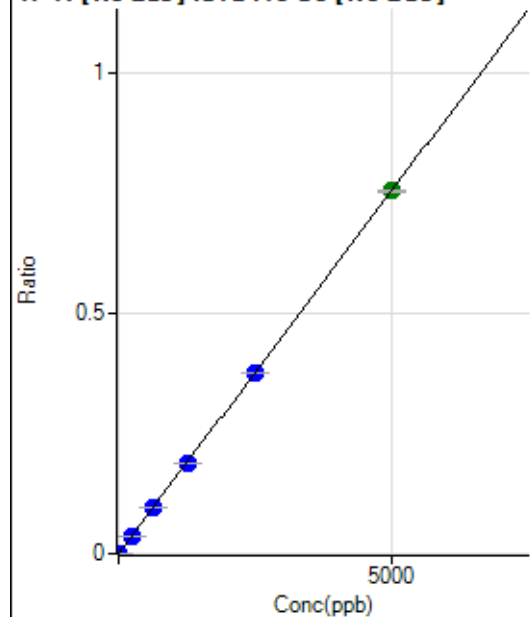
$$DL = 1.661$$

$$BEC = 41.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	116.67	0.0000	P	32.5
2	☐	0.500					
3	☐	5.000	4.394	5159.44	0.0007	P	4.1
4	☐	250.000	247.412	280921.42	0.0374	P	0.7
5	☐	625.000	623.709	707445.65	0.0942	P	0.3
6	☐	1250.000	1251.932	1426911.85	0.1891	P	0.5
7	☐	2500.000	2497.555	2857207.79	0.3773	P	0.4
8	☐	5000.000	5001.031	5857717.58	0.7555	A	0.2
9	☐			1489.03	0.0002	P	7.9

$$y = 1.5106E-004 * x + 1.5265E-005$$

$$R = 1.0000$$

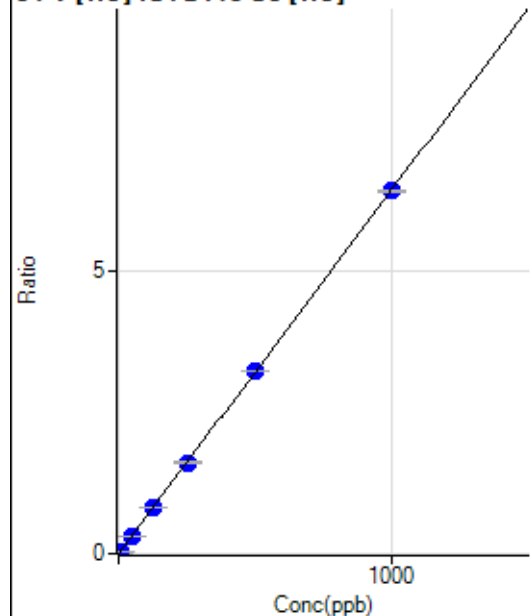
$$DL = 0.09841$$

$$BEC = 0.1011$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20.00	0.0001	P	16.5
2	☐	0.500					
3	☐	5.000	4.556	9722.22	0.0294	P	2.1
4	☐	50.000	50.062	104846.54	0.3221	P	0.3
5	☐	125.000	125.296	262897.46	0.8060	P	0.8
6	☐	250.000	251.073	531957.28	1.6149	P	0.7
7	☐	500.000	503.515	1074016.62	3.2386	P	0.0
8	☐	1000.000	997.936	2198717.90	6.4187	P	0.3
9	☐			401.12	0.0011	P	15.4

$$y = 0.0064 * x + 6.0166E-005$$

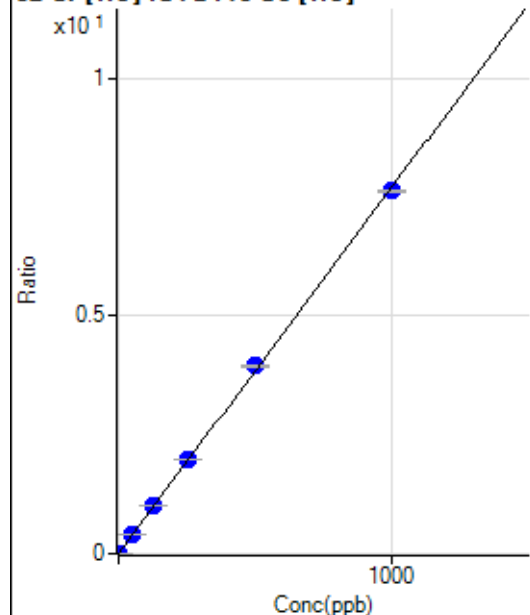
$$R = 1.0000$$

$$DL = 0.004623$$

$$BEC = 0.009354$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	533.35	0.0016	P	7.8
2	☐	0.200					
3	☐	2.000	1.943	5482.23	0.0166	P	3.8
4	☐	50.000	51.512	129572.77	0.3980	P	0.1
5	☐	125.000	129.139	324690.21	0.9954	P	0.5
6	☐	250.000	256.735	651313.41	1.9773	P	0.3
7	☐	500.000	512.691	1308909.73	3.9470	P	0.4
8	☐	1000.000	991.378	2613860.62	7.6306	P	0.6
9	☐			35042.93	0.0977	P	1.2

$$y = 0.0077 * x + 0.0016$$

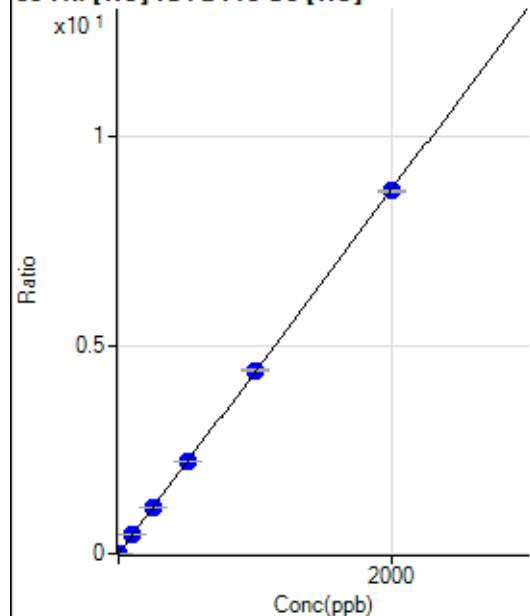
$$R = 0.9999$$

$$DL = 0.0486$$

$$BEC = 0.2086$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	153.34	0.0005	P	19.5
2	☐	0.100					
3	☐	1.000	0.934	1503.44	0.0045	P	4.0
4	☐	100.000	102.038	145245.23	0.4461	P	0.4
5	☐	250.000	254.459	362701.67	1.1119	P	0.4
6	☐	500.000	508.480	731732.28	2.2214	P	0.4
7	☐	1000.000	1008.336	1460707.22	4.4047	P	0.9
8	☐	2000.000	1993.053	2982151.52	8.7058	P	0.7
9	☐			9047.35	0.0252	P	3.0

$$y = 0.0044 * x + 4.6134E-004$$

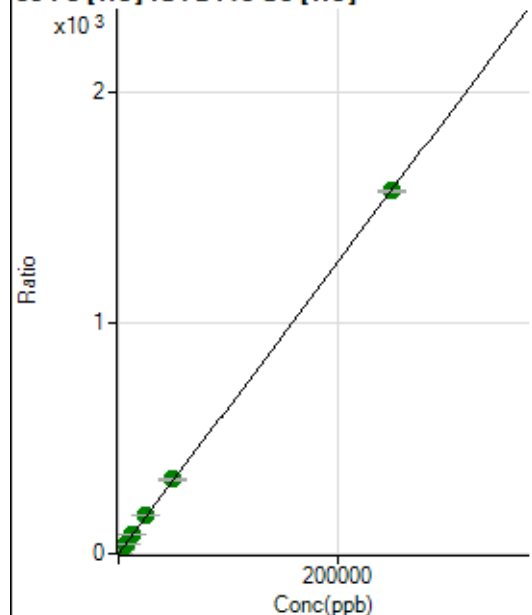
$$R = 1.0000$$

$$DL = 0.06188$$

$$BEC = 0.1056$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4445.23	0.0134	P	3.7
2	☐	5.000					
3	☐	50.000	47.337	102930.66	0.3109	P	0.1
4	☐	2500.000	2635.424	5397025.29	16.5779	A	0.3
5	☐	6250.000	6583.367	13502063.50	41.3921	A	0.4
6	☐	12500.000	13135.340	27199443.20	82.5734	A	0.5
7	☐	25000.000	26018.695	54236368.34	163.5496	A	0.4
8	☐	50000.000	51003.183	109813341.3	320.5856	A	0.6
9	☐	250000.00	249656.03	562925264.4	1,569.185	A	0.3

$$y = 0.0063 * x + 0.0134$$

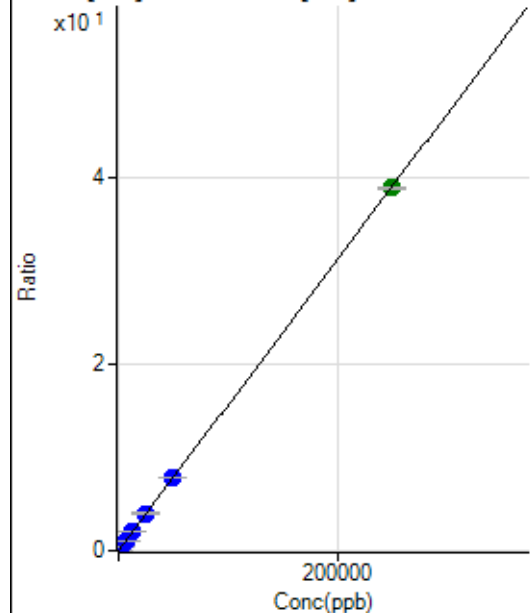
$$R = 1.0000$$

$$DL = 0.239$$

$$BEC = 2.128$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0004	P	25.4
2	☐	5.000					
3	☐	50.000	47.296	2559.56	0.0077	P	4.0
4	☐	2500.000	2626.538	133553.17	0.4102	P	0.6
5	☐	6250.000	6540.388	333051.70	1.0210	P	0.3
6	☐	12500.000	12958.764	666247.89	2.0226	P	0.6
7	☐	25000.000	25801.439	1335356.12	4.0268	P	1.2
8	☐	50000.000	50724.019	2711613.11	7.9161	P	0.3
9	☐	250000.00	249743.59	13981503.90	38.9740	A	0.2

$$y = 1.5605E-004 * x + 3.5117E-004$$

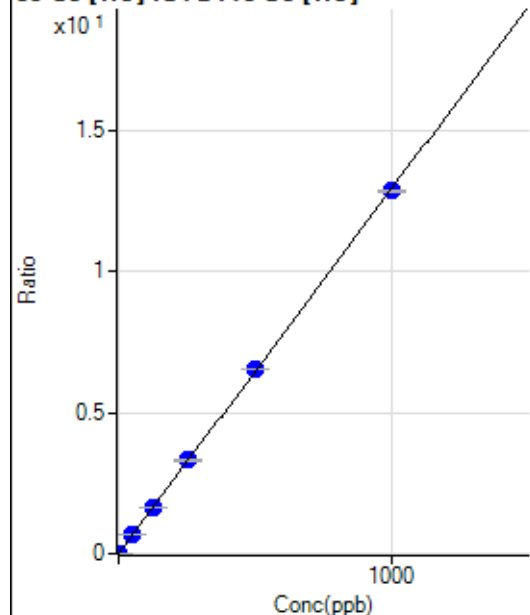
$$R = 1.0000$$

$$DL = 1.712$$

$$BEC = 2.25$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	173.34	0.0005	P	5.9
2	☐	0.100					
3	☐	1.000	0.911	4073.97	0.0123	P	3.6
4	☐	50.000	51.470	216968.48	0.6665	P	0.2
5	☐	125.000	128.207	541260.41	1.6593	P	0.5
6	☐	250.000	256.352	1092707.66	3.3173	P	0.6
7	☐	500.000	506.542	2173570.04	6.5543	P	0.2
8	☐	1000.000	994.667	4408522.23	12.8699	P	0.2
9	☐			5356.61	0.0149	P	2.3

$$y = 0.0129 * x + 5.2159E-004$$

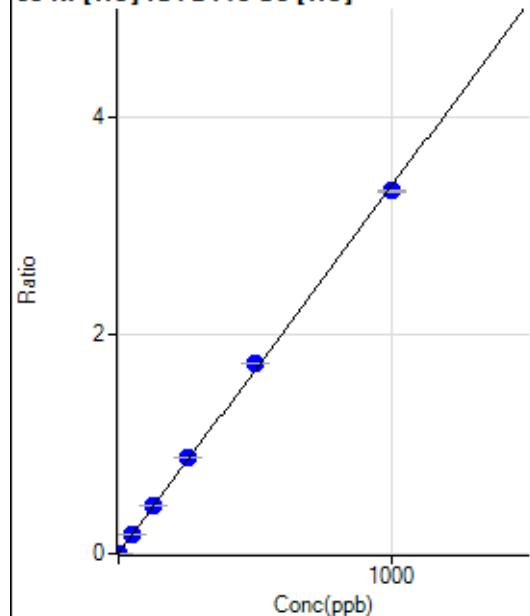
$$R = 0.9999$$

$$DL = 0.007171$$

$$BEC = 0.04031$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	568.91	0.0017	P	12.5
2	☐	0.100					
3	☐	1.000	1.085	1775.70	0.0054	P	2.7
4	☐	50.000	53.290	58932.33	0.1810	P	0.6
5	☐	125.000	132.064	145512.15	0.4461	P	0.5
6	☐	250.000	262.521	291527.75	0.8850	P	0.3
7	☐	500.000	516.817	577249.86	1.7407	P	0.3
8	☐	1000.000	987.414	1138679.93	3.3241	P	0.6
9	☐			12529.95	0.0349	P	1.7

$$y = 0.0034 * x + 0.0017$$

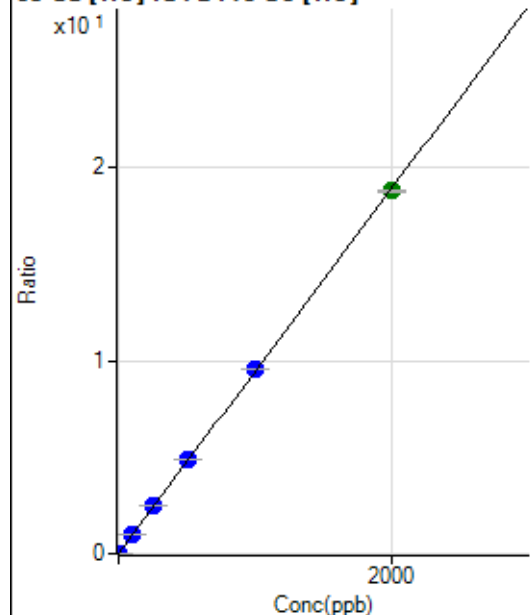
$$R = 0.9997$$

$$DL = 0.1906$$

$$BEC = 0.5086$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2273.55	0.0068	P	2.9
2	☐	0.200					
3	☐	2.000	1.968	8420.32	0.0254	P	1.2
4	☐	100.000	104.403	323427.57	0.9935	P	0.4
5	☐	250.000	258.789	799976.06	2.4524	P	0.4
6	☐	500.000	515.072	1605604.99	4.8743	P	0.2
7	☐	1000.000	1013.405	3178130.79	9.5836	P	0.4
8	☐	2000.000	1988.211	6438302.20	18.7956	A	0.2
9	☐			12258.62	0.0342	P	1.1

$$y = 0.0095 * x + 0.0068$$

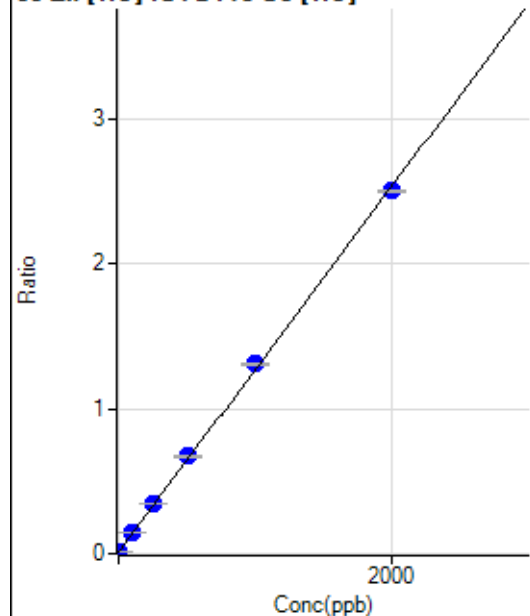
$$R = 0.9999$$

$$DL = 0.06199$$

$$BEC = 0.7239$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3518.26	0.0106	P	3.9
2	☐	0.200					
3	☐	2.000	2.180	4415.18	0.0133	P	1.7
4	☐	100.000	107.462	47587.37	0.1462	P	0.7
5	☐	250.000	265.620	112771.16	0.3457	P	1.5
6	☐	500.000	523.465	221044.08	0.6711	P	0.4
7	☐	1000.000	1028.666	433924.07	1.3085	P	0.2
8	☐	2000.000	1977.475	858283.72	2.5056	P	0.6
9	☐			5850.16	0.0163	P	2.9

$$y = 0.0013 * x + 0.0106$$

$$R = 0.9998$$

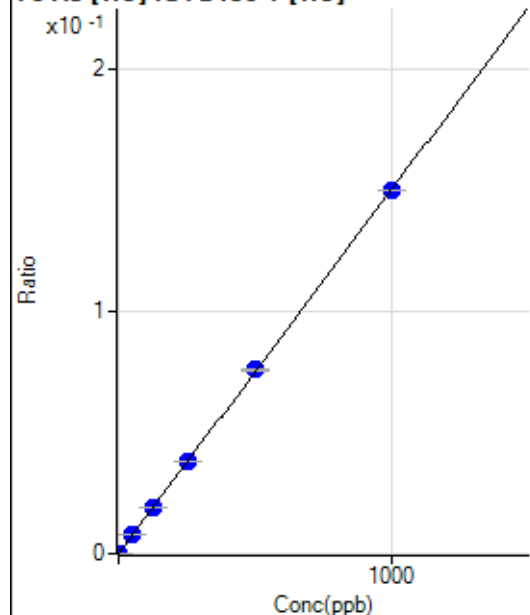
$$DL = 0.9898$$

$$BEC = 8.39$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.20	0.0000	P	20.3
2	☐	0.100					
3	☐	1.000	0.904	287.66	0.0001	P	4.6
4	☐	50.000	50.905	15176.52	0.0077	P	1.5
5	☐	125.000	126.351	38101.03	0.0190	P	0.6
6	☐	250.000	253.832	76930.19	0.0382	P	0.3
7	☐	500.000	504.554	154394.52	0.0758	P	0.3
8	☐	1000.000	996.551	314125.82	0.1498	P	0.1
9	☐			133.34	0.0001	P	15.3

$$y = 1.5030\text{E-}004 * x + 6.9899\text{E-}006$$

$$R = 1.0000$$

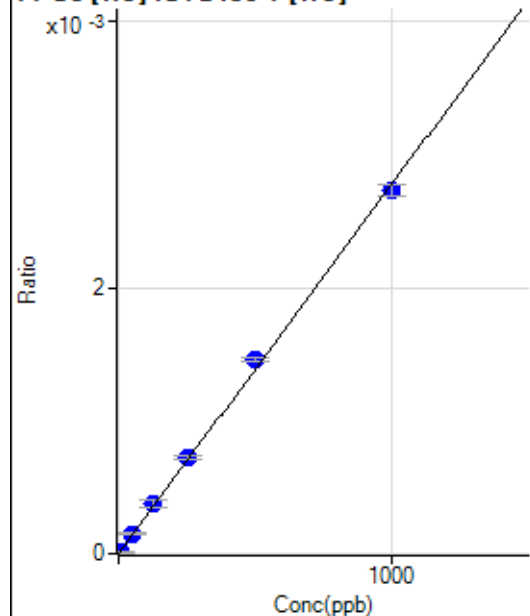
$$DL = 0.02834$$

$$BEC = 0.04651$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	2.986	16.67	0.0000	P	34.8
4	☐	50.000	52.972	291.12	0.0001	P	10.4
5	☐	125.000	133.893	744.47	0.0004	P	17.0
6	☐	250.000	258.838	1446.77	0.0007	P	4.5
7	☐	500.000	526.657	2972.58	0.0015	P	1.9
8	☐	1000.000	983.212	5715.67	0.0027	P	3.3
9	☐			3.33	0.0000	P	100.

$$y = 2.7726\text{E-}006 * x + 0.0000\text{E+}000$$

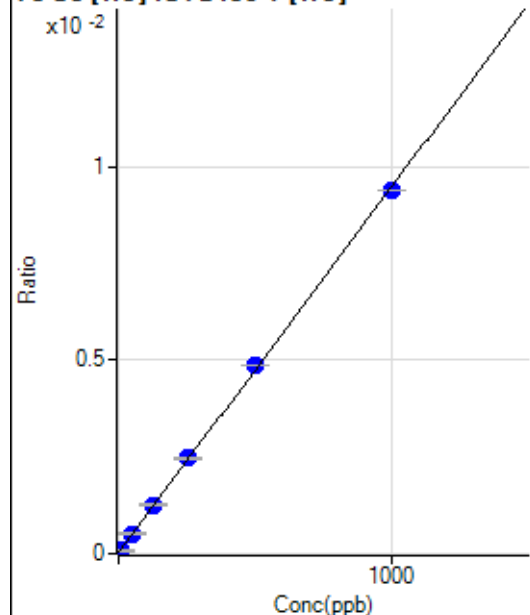
$$R = 0.9994$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.32	0.0000	P	12.4
2	☐	0.500					
3	☐	5.000	5.338	155.56	0.0001	P	9.6
4	☐	50.000	51.813	1024.12	0.0005	P	4.3
5	☐	125.000	130.457	2528.02	0.0013	P	2.3
6	☐	250.000	258.677	4986.08	0.0025	P	1.0
7	☐	500.000	514.834	9966.44	0.0049	P	0.1
8	☐	1000.000	989.639	19683.81	0.0094	P	0.2
9	☐			83.95	0.0000	P	19.9

$$y = 9.4575\text{E-}006 * x + 2.6739\text{E-}005$$

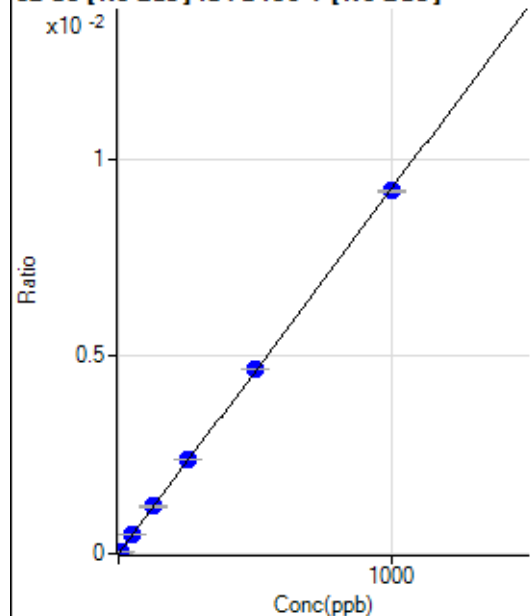
$$R = 0.9998$$

$$DL = 1.049$$

$$BEC = 2.827$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.28	0.0000	P	138.
2	☐	0.500					
3	☐	5.000	5.003	667.89	0.0000	P	9.8
4	☐	50.000	51.961	6687.84	0.0005	P	0.7
5	☐	125.000	129.943	16621.28	0.0012	P	1.5
6	☐	250.000	257.079	32999.94	0.0024	P	1.1
7	☐	500.000	505.596	65244.48	0.0047	P	0.4
8	☐	1000.000	994.716	130906.86	0.0092	P	0.3
9	☐			86.17	0.0000	P	20.2

$$y = 9.2314\text{E-}006 * x + 1.4235\text{E-}006$$

$$R = 0.9999$$

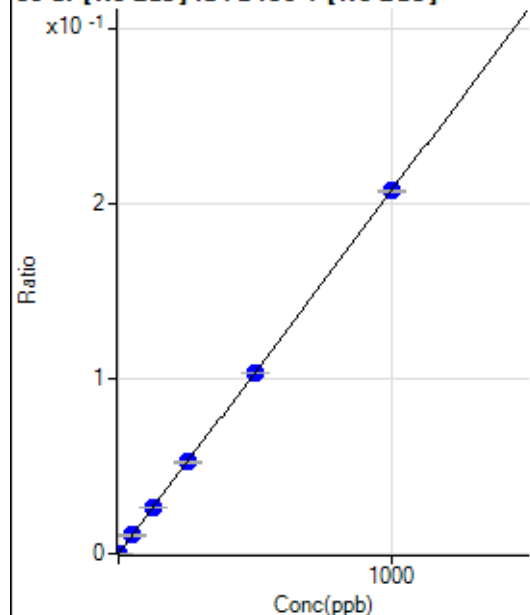
$$DL = 0.6388$$

$$BEC = 0.1542$$

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	711.16	0.0001	P	14.6
2	☐	0.100					
3	☐	1.000	0.830	3117.15	0.0002	P	8.0
4	☐	50.000	50.321	145769.16	0.0105	P	0.9
5	☐	125.000	125.801	361774.84	0.0261	P	0.5
6	☐	250.000	252.436	728210.49	0.0524	P	0.8
7	☐	500.000	499.406	1448081.96	0.1036	P	0.3
8	☐	1000.000	999.572	2955473.96	0.2074	P	0.4
9	☐			102780.26	0.0074	P	0.6

$$y = 2.0739\text{E-}004 * x + 5.0121\text{E-}005$$

$$R = 1.0000$$

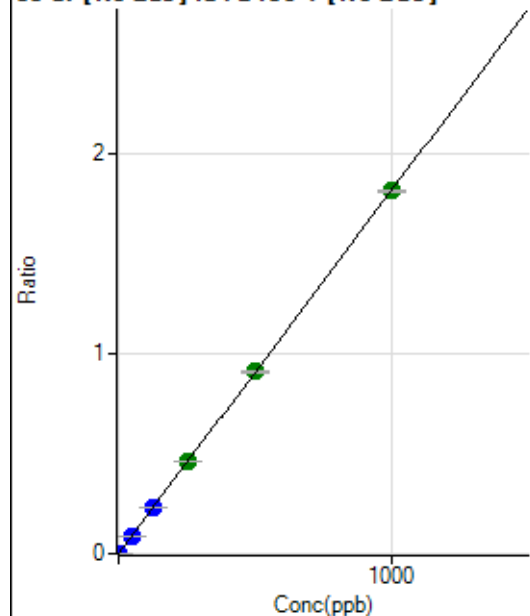
$$DL = 0.1058$$

$$BEC = 0.2417$$

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	402.80	0.0000	P	13.9
2	☐	0.100					
3	☐	1.000	0.930	24065.38	0.0017	P	2.4
4	☐	50.000	50.094	1263896.21	0.0909	P	0.6
5	☐	125.000	125.846	3160618.80	0.2284	P	0.3
6	☐	250.000	251.939	6352904.96	0.4572	A	0.3
7	☐	500.000	501.180	12708570.51	0.9094	A	0.6
8	☐	1000.000	998.815	25831827.14	1.8123	A	0.4
9	☐			887643.66	0.0636	P	0.3

$$y = 0.0018 * x + 2.8402\text{E-}005$$

$$R = 1.0000$$

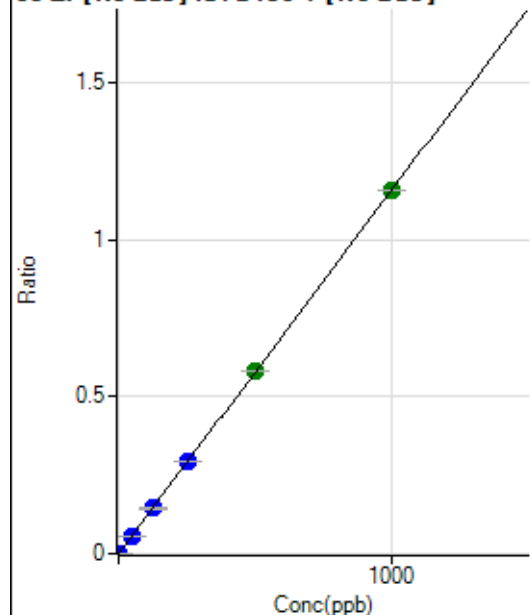
$$DL = 0.00653$$

$$BEC = 0.01565$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	816.73	0.0001	P	5.1
2	☐	0.100					
3	☐	1.000	0.719	12469.76	0.0009	P	6.2
4	☐	50.000	48.671	783262.10	0.0563	P	0.2
5	☐	125.000	124.558	1994438.65	0.1441	P	0.4
6	☐	250.000	252.690	4061816.72	0.2923	P	0.4
7	☐	500.000	501.857	8111513.20	0.5804	A	0.4
8	☐	1000.000	998.521	16460656.27	1.1548	A	0.0
9	☐			3353.29	0.0002	P	4.6

$$y = 0.0012 * x + 5.7588E-005$$

$$R = 1.0000$$

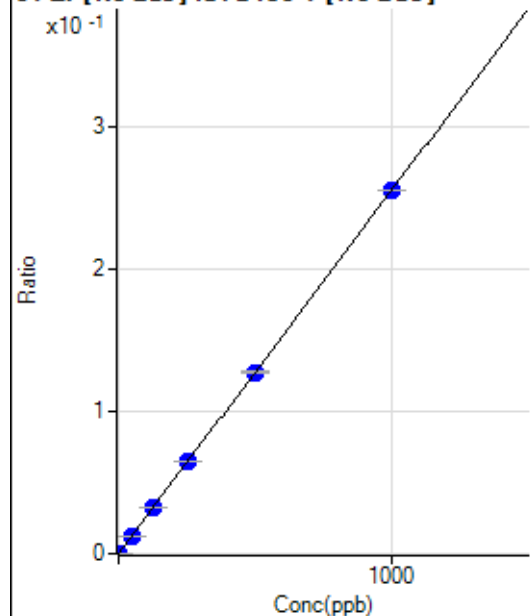
$$DL = 0.007675$$

$$BEC = 0.0498$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.57	0.0000	P	8.9
2	☐	0.100					
3	☐	1.000	0.704	2725.38	0.0002	P	5.6
4	☐	50.000	49.356	175374.93	0.0126	P	1.0
5	☐	125.000	125.143	442393.00	0.0320	P	1.0
6	☐	250.000	252.868	897372.47	0.0646	P	0.0
7	☐	500.000	500.374	1785488.13	0.1278	P	0.2
8	☐	1000.000	999.111	3636105.16	0.2551	P	0.1
9	☐			797.28	0.0001	P	7.3

$$y = 2.5531E-004 * x + 1.4488E-005$$

$$R = 1.0000$$

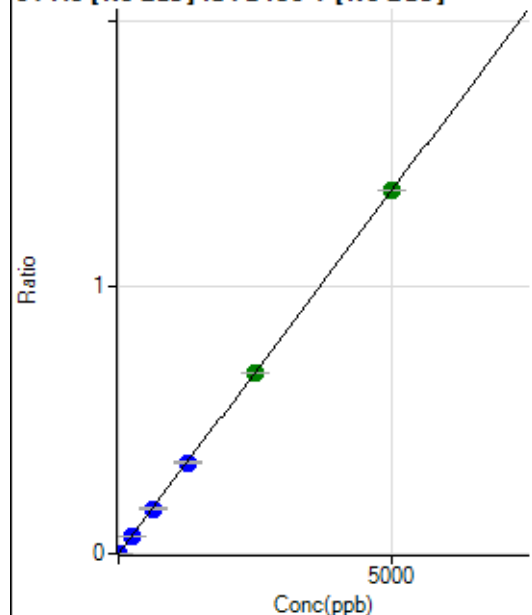
$$DL = 0.01515$$

$$BEC = 0.05675$$

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	355.57	0.0000	P	17.1
2	☐	0.500					
3	☐	5.000	4.178	16323.77	0.0012	P	2.7
4	☐	250.000	245.268	929220.17	0.0668	P	0.5
5	☐	625.000	622.223	2346393.15	0.1695	P	0.9
6	☐	1250.000	1258.444	4764667.77	0.3429	P	0.6
7	☐	2500.000	2497.479	9508601.43	0.6804	A	0.3
8	☐	5000.000	4999.734	19415107.55	1.3621	A	0.1
9	☐			10284.65	0.0007	P	5.6

$$y = 2.7243\text{E-}004 * x + 2.5065\text{E-}005$$

$$R = 1.0000$$

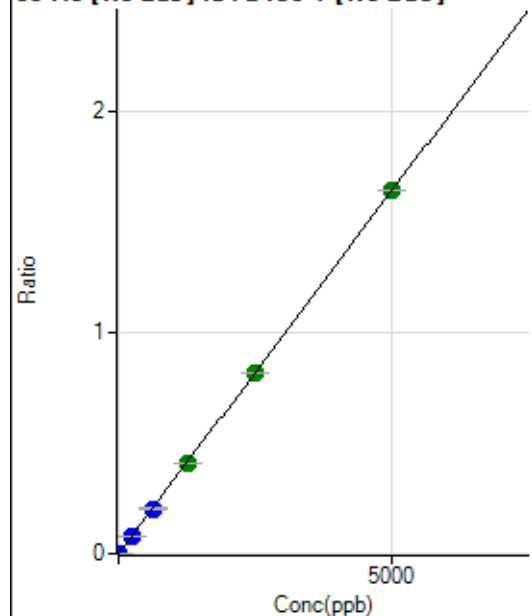
$$DL = 0.04733$$

$$BEC = 0.09201$$

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	111.12	0.0000	P	36.6
2	☐	0.500					
3	☐	5.000	4.333	20011.95	0.0014	P	2.0
4	☐	250.000	246.444	1121420.34	0.0807	P	0.4
5	☐	625.000	622.462	2819766.97	0.2037	P	0.6
6	☐	1250.000	1250.549	5688133.29	0.4093	A	0.6
7	☐	2500.000	2492.862	11402474.21	0.8159	A	0.3
8	☐	5000.000	5003.928	23344884.72	1.6378	A	0.1
9	☐			15931.71	0.0011	P	3.8

$$y = 3.2730\text{E-}004 * x + 7.8274\text{E-}006$$

$$R = 1.0000$$

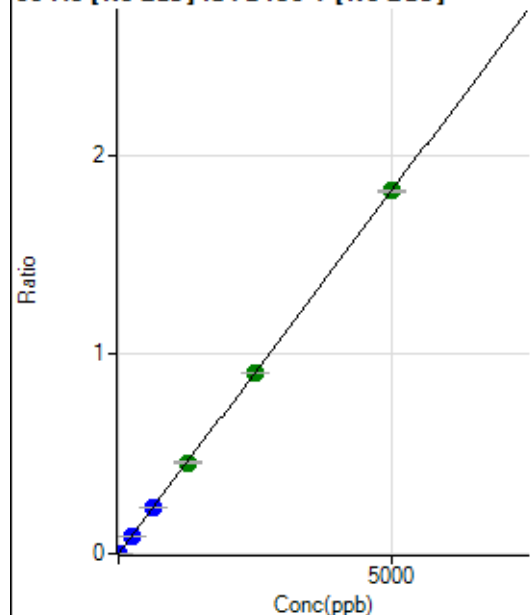
$$DL = 0.02629$$

$$BEC = 0.02391$$

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	172.23	0.0000	P	11.8
2	☐	0.500					
3	☐	5.000	4.321	22223.67	0.0016	P	1.9
4	☐	250.000	245.673	1242333.32	0.0894	P	0.2
5	☐	625.000	624.693	3144788.48	0.2272	P	0.1
6	☐	1250.000	1256.297	6350051.18	0.4570	A	0.5
7	☐	2500.000	2497.514	12694702.19	0.9084	A	0.5
8	☐	5000.000	4999.924	25921094.33	1.8186	A	0.6
9	☐			21895.27	0.0016	P	4.3

$$y = 3.6372\text{E-}004 * x + 1.2138\text{E-}005$$

$$R = 1.0000$$

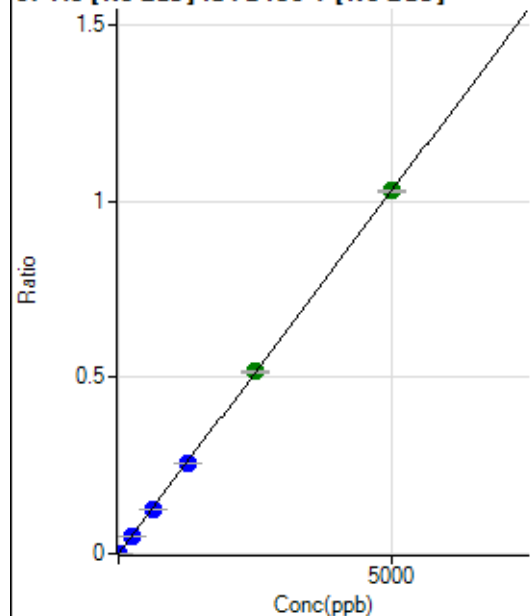
$$DL = 0.0118$$

$$BEC = 0.03337$$

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	136.12	0.0000	P	55.3
2	☐	0.500					
3	☐	5.000	4.501	13151.03	0.0009	P	2.1
4	☐	250.000	241.613	692306.14	0.0498	P	0.6
5	☐	625.000	614.691	1753339.38	0.1267	P	0.1
6	☐	1250.000	1238.171	3546031.37	0.2552	P	0.8
7	☐	2500.000	2506.813	7219576.55	0.5166	A	0.2
8	☐	5000.000	5001.259	14690789.91	1.0307	A	0.5
9	☐			10131.80	0.0007	P	3.7

$$y = 2.0608\text{E-}004 * x + 9.5788\text{E-}006$$

$$R = 1.0000$$

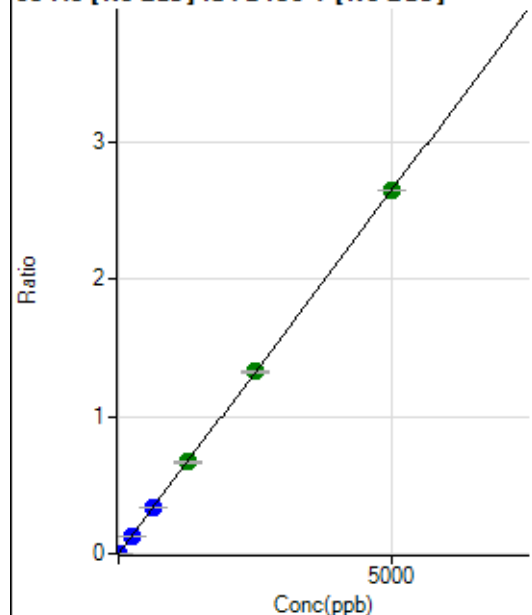
$$DL = 0.07712$$

$$BEC = 0.04648$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.02	0.0000	P	7.9
2	☐	0.500					
3	☐	5.000	4.367	32707.92	0.0023	P	1.9
4	☐	250.000	246.168	1811761.59	0.1303	P	0.4
5	☐	625.000	625.155	4580363.17	0.3310	P	0.3
6	☐	1250.000	1258.930	9261282.59	0.6664	A	0.5
7	☐	2500.000	2504.607	18528349.37	1.3259	A	0.4
8	☐	5000.000	4995.637	37694000.49	2.6445	A	0.1
9	☐			24914.30	0.0018	P	4.3

$$y = 5.2936\text{E-}004 * x + 1.9388\text{E-}005$$

$$R = 1.0000$$

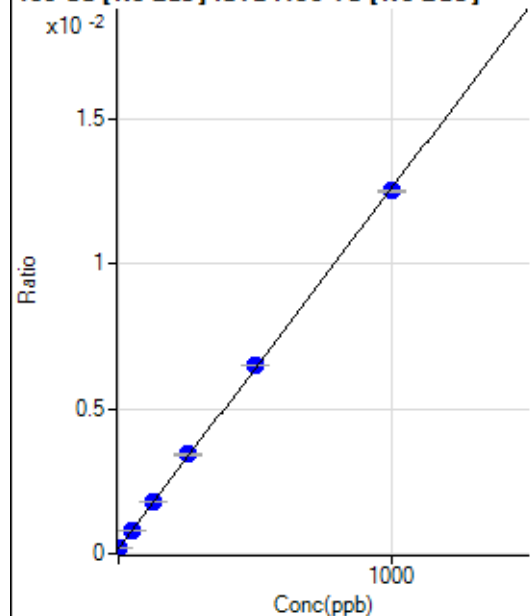
$$DL = 0.008689$$

$$BEC = 0.03663$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3508.91	0.0002	P	3.9
2	☐	0.100					
3	☐	1.000	1.206	3736.75	0.0002	P	1.5
4	☐	50.000	51.080	15025.26	0.0008	P	1.3
5	☐	125.000	129.661	33008.91	0.0018	P	2.5
6	☐	250.000	260.477	63015.76	0.0034	P	1.6
7	☐	500.000	507.819	118822.39	0.0065	P	0.3
8	☐	1000.000	992.834	234141.96	0.0125	P	0.8
9	☐			3217.17	0.0002	P	2.7

$$y = 1.2406\text{E-}005 * x + 1.8781\text{E-}004$$

$$R = 0.9999$$

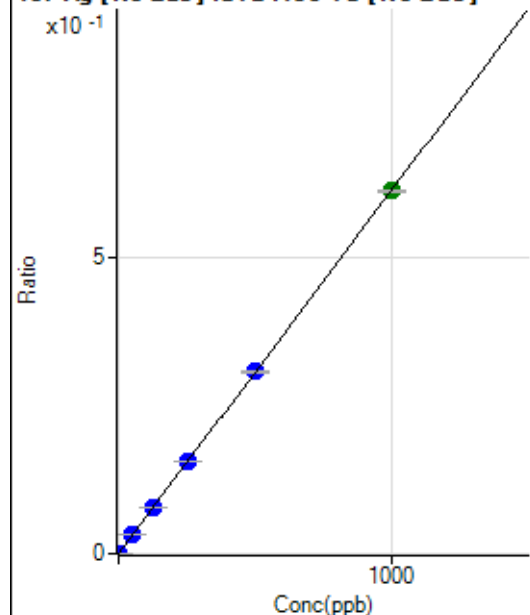
$$DL = 1.752$$

$$BEC = 15.14$$

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	116.67	0.0000	P	14.0
2	☐	0.100					
3	☐	1.000	0.922	10551.59	0.0006	P	1.7
4	☐	50.000	50.943	572355.83	0.0313	P	0.3
5	☐	125.000	126.706	1429988.21	0.0778	P	0.3
6	☐	250.000	252.391	2856831.23	0.1550	P	0.4
7	☐	500.000	500.773	5632727.04	0.3076	P	0.3
8	☐	1000.000	998.755	11485085.15	0.6134	A	0.6
9	☐			1305.67	0.0001	P	6.6

$$y = 6.1415\text{E-}004 * x + 6.2434\text{E-}006$$

$$R = 1.0000$$

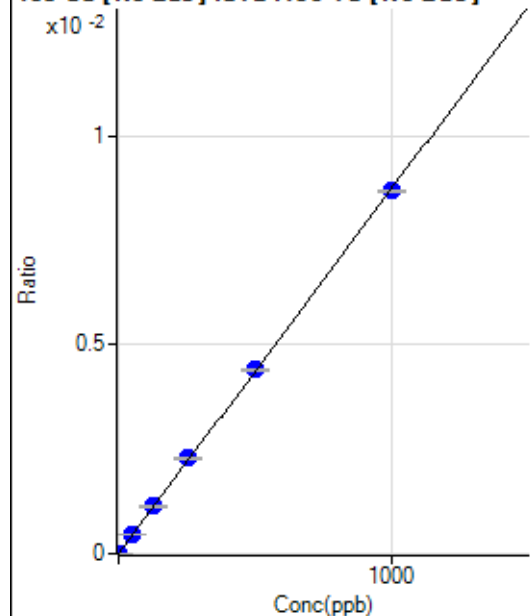
$$DL = 0.004264$$

$$BEC = 0.01017$$

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	12.50	0.0000	P	33.4
2	☐	0.100					
3	☐	1.000	0.942	163.89	0.0000	P	3.6
4	☐	50.000	51.468	8228.94	0.0004	P	2.0
5	☐	125.000	129.114	20721.04	0.0011	P	0.4
6	☐	250.000	261.267	42041.78	0.0023	P	1.1
7	☐	500.000	504.316	80635.91	0.0044	P	0.9
8	☐	1000.000	994.438	162542.40	0.0087	P	0.5
9	☐			34.72	0.0000	P	27.6

$$y = 8.7288\text{E-}006 * x + 6.6902\text{E-}007$$

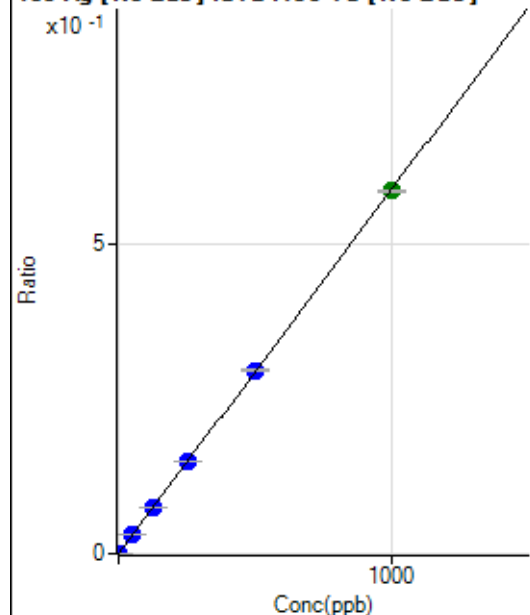
$$R = 0.9999$$

$$DL = 0.07676$$

$$BEC = 0.07665$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.12	0.0000	P	5.7
2	☐	0.100					
3	☐	1.000	0.952	10412.63	0.0006	P	2.2
4	☐	50.000	51.336	552728.18	0.0302	P	0.8
5	☐	125.000	127.710	1381290.97	0.0752	P	0.3
6	☐	250.000	254.315	2758732.35	0.1497	P	0.7
7	☐	500.000	504.303	5436238.18	0.2968	P	0.5
8	☐	1000.000	996.364	10980636.79	0.5864	A	0.3
9	☐			1111.22	0.0001	P	7.5

$$y = 5.8858\text{E-}004 * x + 4.6098\text{E-}006$$

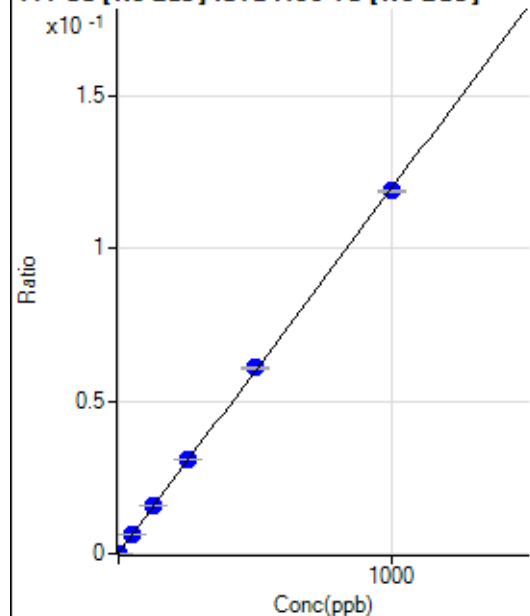
$$R = 1.0000$$

$$DL = 0.001343$$

$$BEC = 0.007832$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2478.05	0.0001	P	3.7
2	☐	0.100					
3	☐	1.000	0.926	4483.12	0.0002	P	0.8
4	☐	50.000	52.093	116281.31	0.0064	P	0.3
5	☐	125.000	129.171	286064.74	0.0156	P	0.4
6	☐	250.000	257.812	570217.16	0.0309	P	0.7
7	☐	500.000	508.314	1114880.08	0.0609	P	0.4
8	☐	1000.000	993.264	2224855.00	0.1188	P	0.2
9	☐			2587.44	0.0001	P	3.6

$$y = 1.1950\text{E-}004 * x + 1.3263\text{E-}004$$

$$R = 0.9999$$

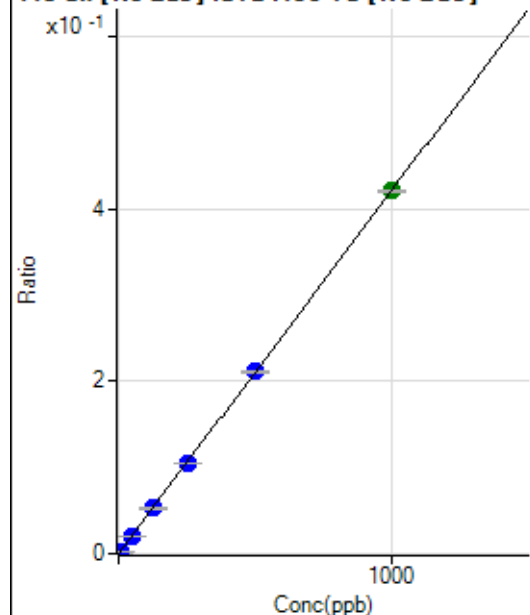
$$DL = 0.1227$$

$$BEC = 1.11$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2630.91	0.0001	P	8.7
2	☐	0.500					
3	☐	5.000	4.340	36303.62	0.0020	P	1.3
4	☐	50.000	49.753	386045.49	0.0211	P	0.7
5	☐	125.000	124.267	964814.40	0.0525	P	0.2
6	☐	250.000	248.989	1936318.93	0.1051	P	0.2
7	☐	500.000	501.140	3870229.91	0.2113	P	0.4
8	☐	1000.000	999.790	7891236.72	0.4214	A	0.7
9	☐			10017.91	0.0006	P	1.7

$$y = 4.2140\text{E-}004 * x + 1.4082\text{E-}004$$

$$R = 1.0000$$

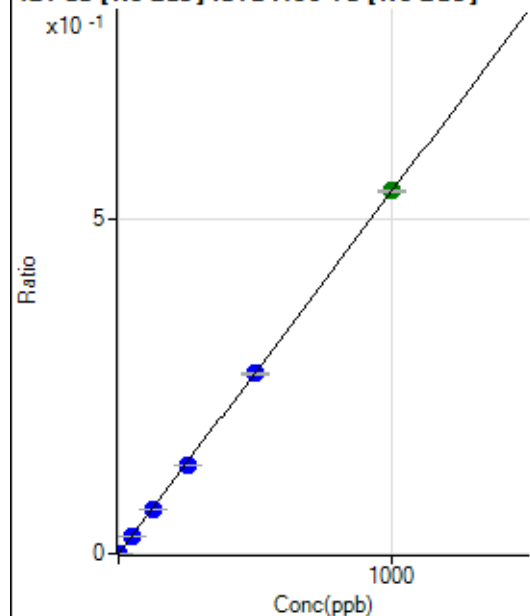
$$DL = 0.08751$$

$$BEC = 0.3342$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	34.0
2	☐	0.200					
3	☐	2.000	1.739	17522.73	0.0010	P	4.4
4	☐	50.000	48.587	480774.91	0.0263	P	0.7
5	☐	125.000	122.531	1217800.74	0.0663	P	0.5
6	☐	250.000	246.863	2460622.54	0.1335	P	0.1
7	☐	500.000	497.203	4924705.06	0.2689	P	0.5
8	☐	1000.000	1002.563	10152047.62	0.5422	A	0.5
9	☐			26834.78	0.0015	P	2.1

$$y = 5.4080\text{E-}004 * x + 1.0105\text{E-}005$$

$$R = 1.0000$$

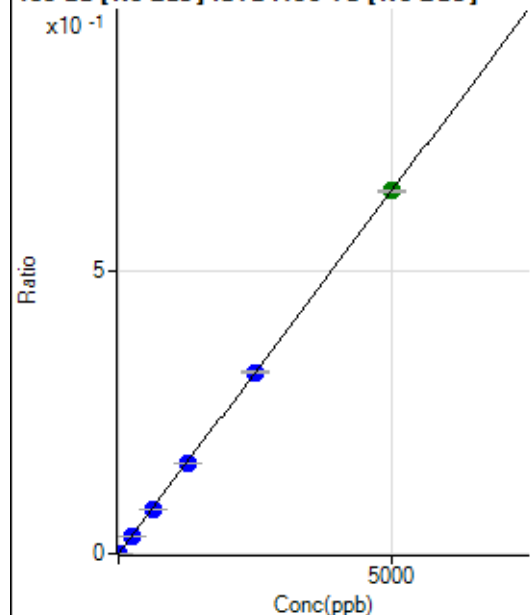
$$DL = 0.01908$$

$$BEC = 0.01869$$

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	191.68	0.0000	P	17.6
2	☐	1.000					
3	☐	10.000	8.819	21038.84	0.0011	P	4.8
4	☐	250.000	248.179	582529.18	0.0318	P	0.4
5	☐	625.000	618.521	1458236.02	0.0794	P	0.5
6	☐	1250.000	1247.999	2950880.40	0.1601	P	0.4
7	☐	2500.000	2501.441	5877451.65	0.3209	P	0.6
8	☐	5000.000	5000.683	12012294.80	0.6415	A	0.5
9	☐			3378.34	0.0002	P	3.9

$$y = 1.2829\text{E-}004 * x + 1.0263\text{E-}005$$

$$R = 1.0000$$

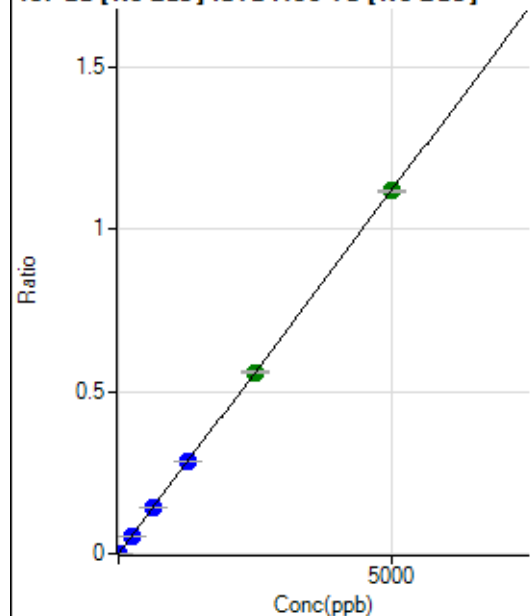
$$DL = 0.04229$$

$$BEC = 0.08$$

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	277.80	0.0000	P	7.2
2	☐	1.000					
3	☐	10.000	8.881	36897.44	0.0020	P	1.7
4	☐	250.000	248.792	1018582.78	0.0557	P	0.4
5	☐	625.000	627.285	2579654.49	0.1404	P	0.4
6	☐	1250.000	1268.113	5230248.21	0.2838	P	0.6
7	☐	2500.000	2500.927	10250043.80	0.5597	A	0.8
8	☐	5000.000	4994.785	20928900.12	1.1178	A	0.3
9	☐			5945.96	0.0003	P	1.2

$$y = 2.2378\text{E-}004 * x + 1.4867\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01442$$

$$BEC = 0.06644$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

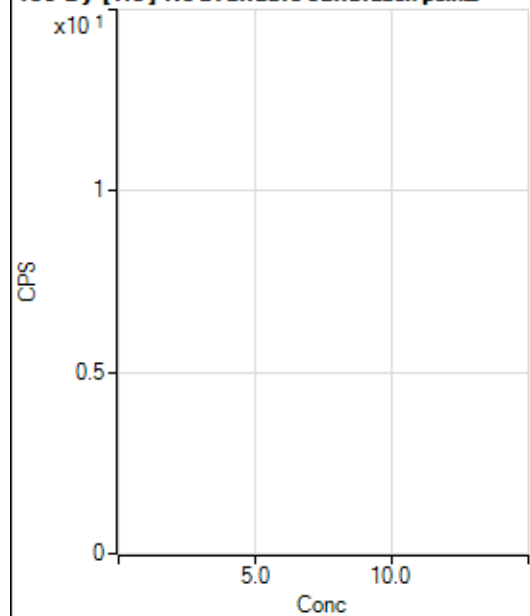
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			8.89		P	43.3
4	☐			28.89		P	53.3
5	☐			64.44		P	41.8
6	☐			80.00		P	16.7
7	☐			284.46		P	13.5
8	☐			475.58		P	5.3
9	☐			93.34		P	18.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			2.22		P	86.6
5	☐			5.56		P	91.6
6	☐			20.00		P	33.4
7	☐			24.45		P	55.1
8	☐			41.11		P	4.7
9	☐			41.11		P	20.4

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	75.8
2	☐						
3	☐			33.34		P	43.3
4	☐			52.78		P	65.7
5	☐			77.78		P	22.3
6	☐			102.78		P	9.4
7	☐			172.23		P	43.4
8	☐			197.23		P	12.2
9	☐			108.34		P	33.5

156 Dy [He] No available calibration points

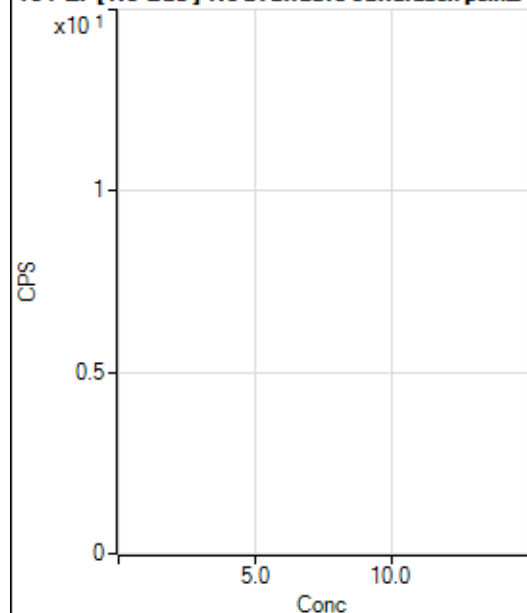
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	44.6
2	☐						
3	☐			7.78		P	49.5
4	☐			7.78		P	99.0
5	☐			14.44		P	35.3
6	☐			22.22		P	17.3
7	☐			58.89		P	8.6
8	☐			86.67		P	24.0
9	☐			24.44		P	20.8

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

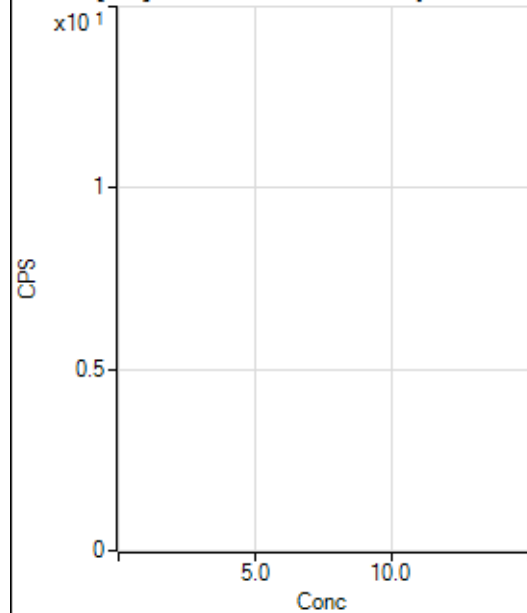
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			122.23		P	37.6
2	☐						
3	☐			77.78		P	43.3
4	☐			100.00		P	25.0
5	☐			94.45		P	10.2
6	☐			125.01		P	11.5
7	☐			125.01		P	6.7
8	☐			105.56		P	40.5
9	☐			119.45		P	33.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			78.89		P	20.0
2	☐						
3	☐			88.89		P	15.2
4	☐			75.56		P	5.1
5	☐			96.67		P	15.0
6	☐			121.11		P	13.6
7	☐			104.45		P	35.0
8	☐			108.89		P	45.4
9	☐			131.11		P	9.6

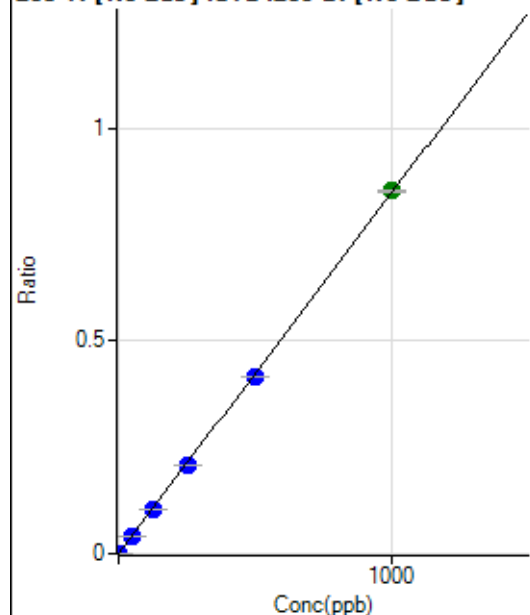
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	20.0
2	☐						
3	☐			50.00		P	44.1
4	☐			44.45		P	28.7
5	☐			47.22		P	10.2
6	☐			55.56		P	45.8
7	☐			41.67		P	34.7
8	☐			61.11		P	64.4
9	☐			72.23		P	17.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	45.8
2	☐						
3	☐			36.67		P	39.6
4	☐			31.11		P	32.7
5	☐			22.22		P	17.3
6	☐			23.33		P	28.6
7	☐			33.33		P	26.5
8	☐			32.22		P	33.3
9	☐			47.78		P	26.4

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	202.79	0.0000	P	31.0
2	☐	0.100					
3	☐	1.000	0.868	8714.36	0.0008	P	2.7
4	☐	50.000	47.930	464668.60	0.0407	P	0.5
5	☐	125.000	121.234	1171755.02	0.1029	P	0.2
6	☐	250.000	245.639	2348653.38	0.2084	P	0.3
7	☐	500.000	491.411	4634516.60	0.4169	P	0.4
8	☐	1000.000	1005.959	9460631.90	0.8534	A	0.4
9	☐			4670.48	0.0005	P	13.5

$$y = 8.4832E-004 * x + 1.7138E-005$$

$$R = 0.9999$$

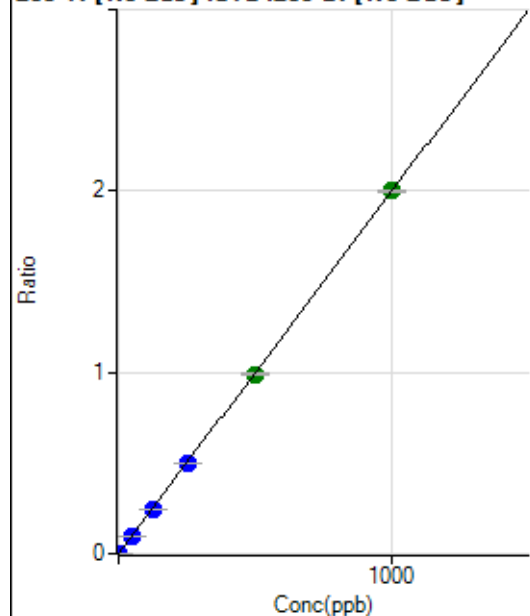
$$DL = 0.01879$$

$$BEC = 0.0202$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	591.71	0.0001	P	5.4
2	☐	0.100					
3	☐	1.000	0.871	20683.65	0.0018	P	2.8
4	☐	50.000	48.518	1107491.24	0.0969	P	0.3
5	☐	125.000	123.290	2805481.94	0.2463	P	0.8
6	☐	250.000	251.945	5671426.47	0.5032	P	0.1
7	☐	500.000	496.292	11019349.29	0.9912	A	0.3
8	☐	1000.000	1001.656	22177652.58	2.0005	A	0.3
9	☐			10918.91	0.0011	P	6.9

$$y = 0.0020 * x + 5.0025E-005$$

$$R = 1.0000$$

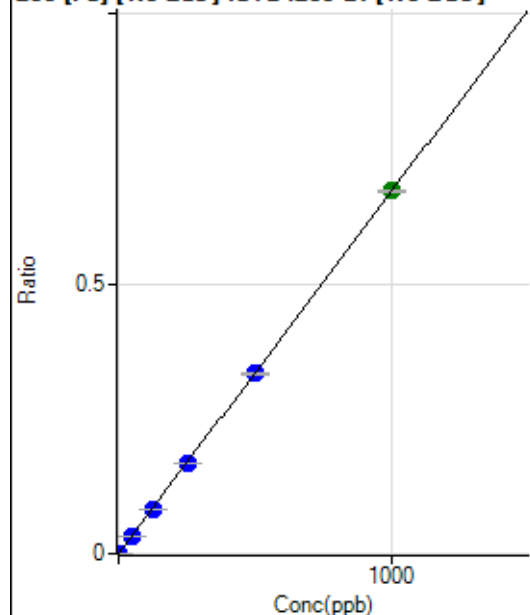
$$DL = 0.004081$$

$$BEC = 0.02505$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1529.76	0.0001	P	2.3
2	☐	0.100					
3	☐	1.000	0.897	8449.20	0.0007	P	1.3
4	☐	50.000	49.323	379264.39	0.0332	P	0.7
5	☐	125.000	123.506	944778.47	0.0829	P	0.5
6	☐	250.000	250.959	1897822.21	0.1684	P	0.3
7	☐	500.000	496.953	3705592.10	0.3333	P	0.3
8	☐	1000.000	1001.504	7445507.75	0.6716	A	0.4
9	☐			10345.04	0.0010	P	0.8

$$y = 6.7048\text{E-}004 * x + 1.2932\text{E-}004$$

$$R = 1.0000$$

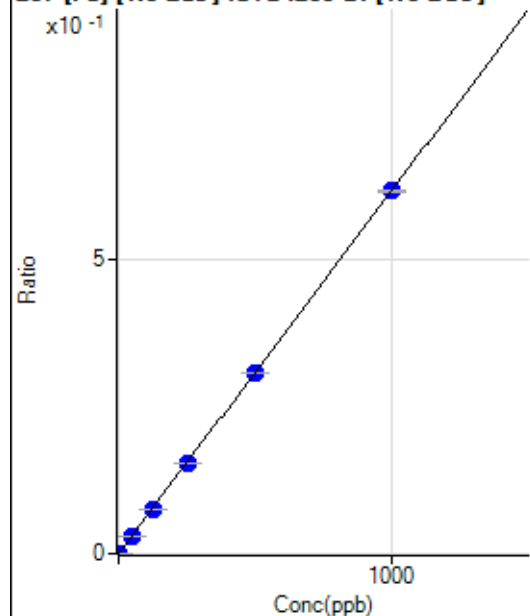
$$DL = 0.01353$$

$$BEC = 0.1929$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1314.93	0.0001	P	4.3
2	☐	0.100					
3	☐	1.000	0.913	7771.03	0.0007	P	1.5
4	☐	50.000	49.081	345814.59	0.0303	P	0.2
5	☐	125.000	123.431	865279.65	0.0760	P	0.7
6	☐	250.000	250.861	1738612.93	0.1543	P	0.3
7	☐	500.000	499.720	3415010.49	0.3072	P	0.1
8	☐	1000.000	1000.167	6814687.59	0.6147	P	0.3
9	☐			8771.66	0.0009	P	3.9

$$y = 6.1450\text{E-}004 * x + 1.1116\text{E-}004$$

$$R = 1.0000$$

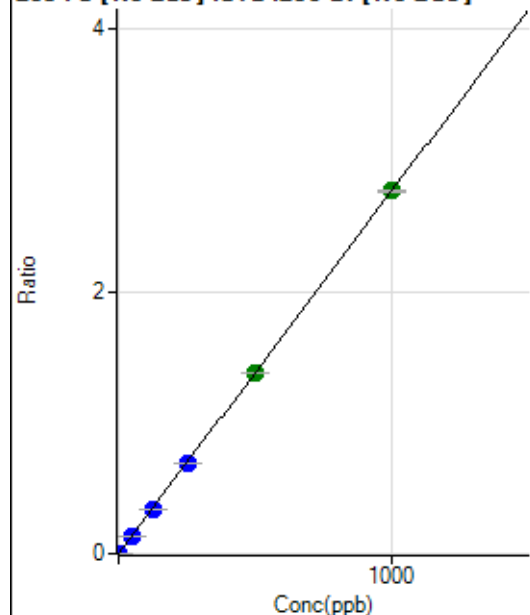
$$DL = 0.02311$$

$$BEC = 0.1809$$

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	6339.69	0.0005	P	4.4
2	☐	0.100					
3	☐	1.000	0.895	34804.05	0.0030	P	1.1
4	☐	50.000	48.986	1552308.59	0.1359	P	0.4
5	☐	125.000	122.976	3876744.06	0.3403	P	0.6
6	☐	250.000	250.129	7795074.17	0.6917	P	0.1
7	☐	500.000	498.350	15313602.89	1.3775	A	0.1
8	☐	1000.000	1001.096	30670334.13	2.7666	A	0.4
9	☐			40610.48	0.0041	P	0.9

$$y = 0.0028 * x + 5.3593E-004$$

$$R = 1.0000$$

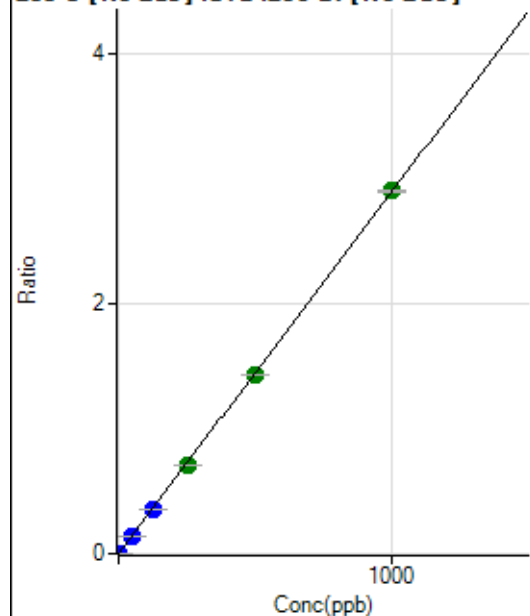
$$DL = 0.02577$$

$$BEC = 0.194$$

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	288.90	0.0000	P	27.1
2	☐	0.100					
3	☐	1.000	0.843	28487.60	0.0025	P	4.4
4	☐	50.000	48.022	1586631.87	0.1389	P	0.1
5	☐	125.000	122.168	4024522.96	0.3533	P	0.8
6	☐	250.000	246.310	8027444.80	0.7123	A	0.3
7	☐	500.000	495.786	15938140.12	1.4337	A	0.6
8	☐	1000.000	1003.482	32169209.05	2.9018	A	0.3
9	☐			2191.96	0.0002	P	16.8

$$y = 0.0029 * x + 2.4407E-005$$

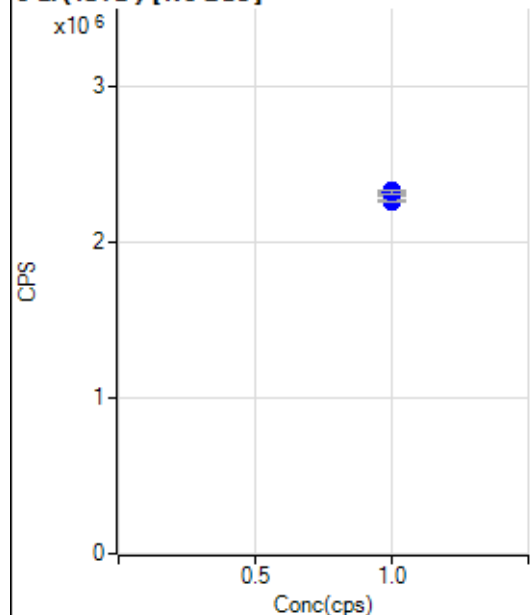
$$R = 1.0000$$

$$DL = 0.006865$$

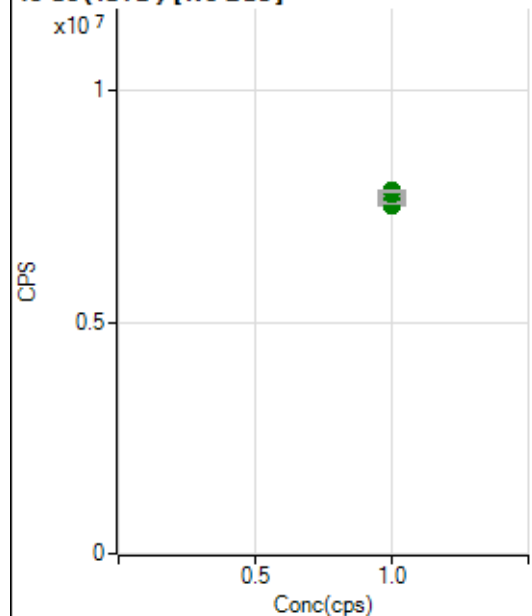
$$BEC = 0.00844$$

Weight: <None>

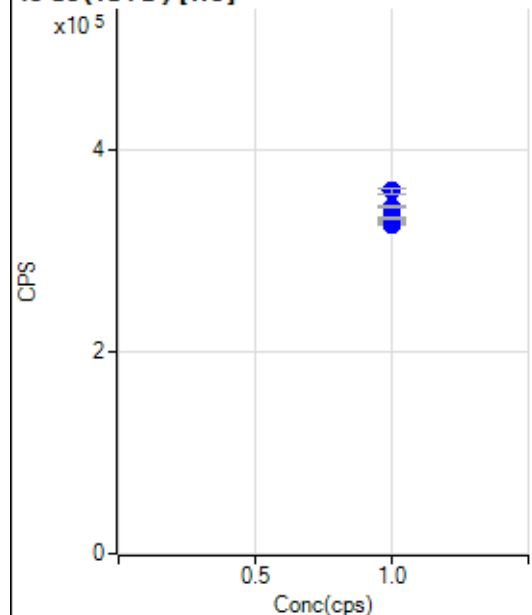
Min Conc: 0

6 Li (ISTD) [No Gas]

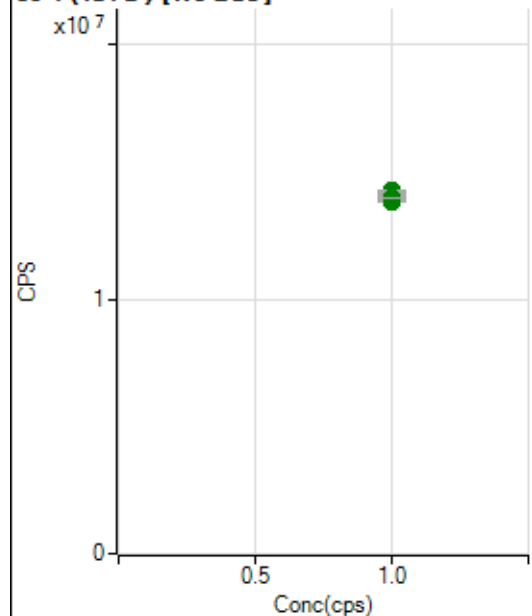
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2333790.99		P	0.7
2	☐	1.000					
3	☐	1.000		2331105.74		P	0.2
4	☐	1.000		2303590.99		P	0.3
5	☐	1.000		2301537.07		P	0.1
6	☐	1.000		2302545.77		P	0.3
7	☐	1.000		2267091.86		P	0.2
8	☐	1.000		2272242.93		P	0.2
9	☐	1.000		2321356.93		P	1.2

45 Sc (ISTD) [No Gas]

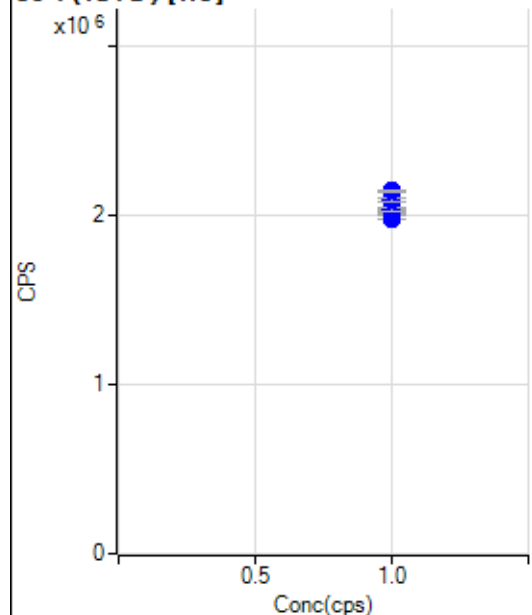
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7640402.95		A	0.5
2	☐	1.000					
3	☐	1.000		7598909.20		A	0.4
4	☐	1.000		7513389.58		A	0.1
5	☐	1.000		7507465.53		A	0.3
6	☐	1.000		7544578.21		A	0.3
7	☐	1.000		7572906.59		A	0.3
8	☐	1.000		7753745.57		A	0.7
9	☐	1.000		7830495.06		A	0.5

45 Sc (ISTD) [He]

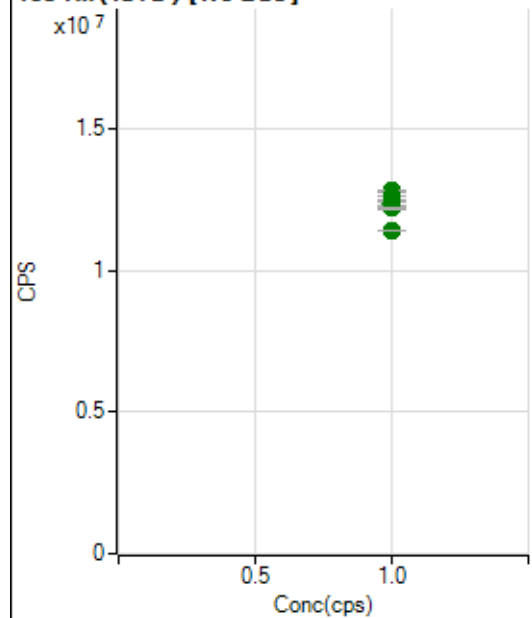
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		332354.53		P	0.2
2	☐	1.000					
3	☐	1.000		331067.33		P	0.3
4	☐	1.000		325554.56		P	0.1
5	☐	1.000		326201.72		P	0.5
6	☐	1.000		329399.40		P	0.3
7	☐	1.000		331624.91		P	0.5
8	☐	1.000		342545.45		P	0.6
9	☐	1.000		358745.37		P	1.2

89 Y (ISTD) [No Gas]

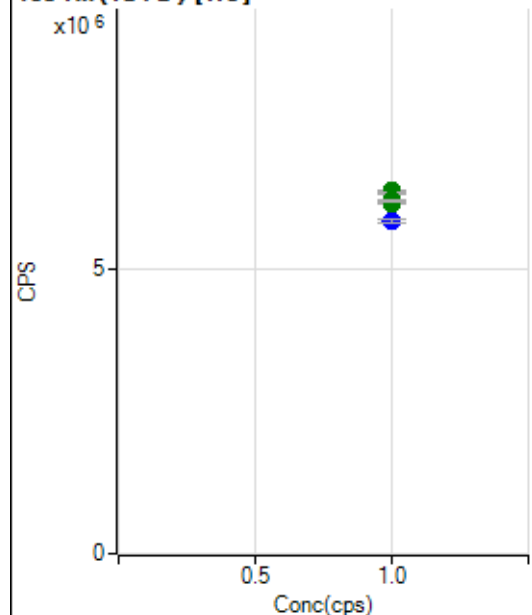
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14184460.07		A	0.5
2	☐	1.000					
3	☐	1.000		14032193.54		A	0.3
4	☐	1.000		13901279.93		A	0.1
5	☐	1.000		13839978.13		A	0.2
6	☐	1.000		13896632.01		A	0.2
7	☐	1.000		13974692.85		A	0.3
8	☐	1.000		14253714.65		A	0.5
9	☐	1.000		13966346.74		A	0.2

89 Y (ISTD) [He]

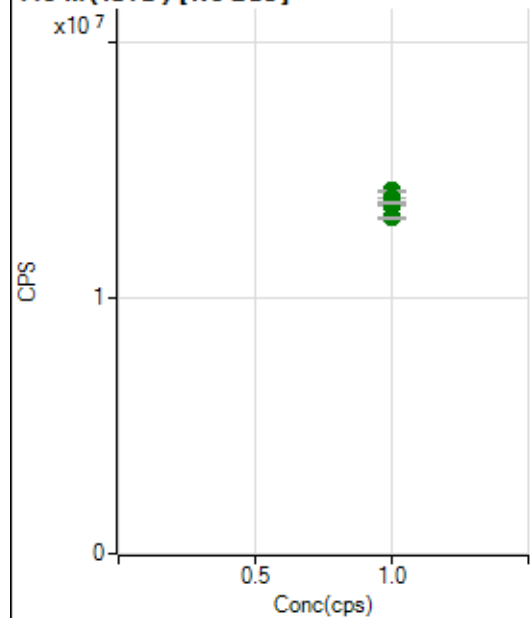
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2032169.40		P	0.4
2	☐	1.000					
3	☐	1.000		2014403.39		P	0.2
4	☐	1.000		1981768.04		P	0.3
5	☐	1.000		2005548.58		P	0.2
6	☐	1.000		2016051.36		P	0.2
7	☐	1.000		2035732.25		P	0.7
8	☐	1.000		2097079.17		P	0.9
9	☐	1.000		2147583.63		P	0.7

103 Rh (ISTD) [No Gas]

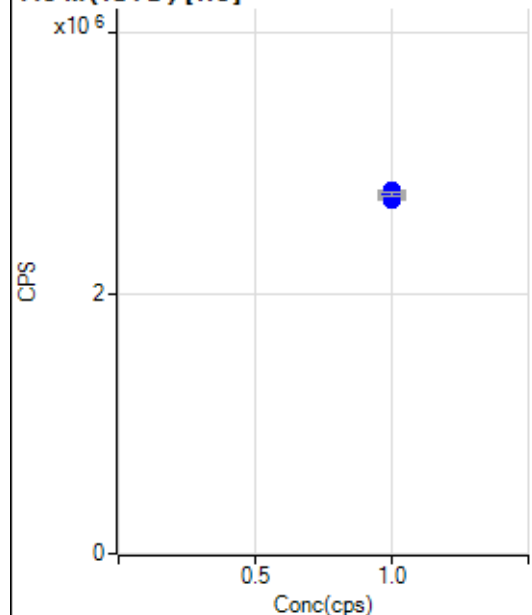
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12797475.11		A	0.4
2	☐	1.000					
3	☐	1.000		12635627.89		A	0.2
4	☐	1.000		12478692.47		A	0.3
5	☐	1.000		12344166.25		A	0.7
6	☐	1.000		12300717.11		A	0.1
7	☐	1.000		12193260.08		A	0.3
8	☐	1.000		12193557.48		A	0.6
9	☐	1.000		11390480.64		A	0.2

103 Rh (ISTD) [He]

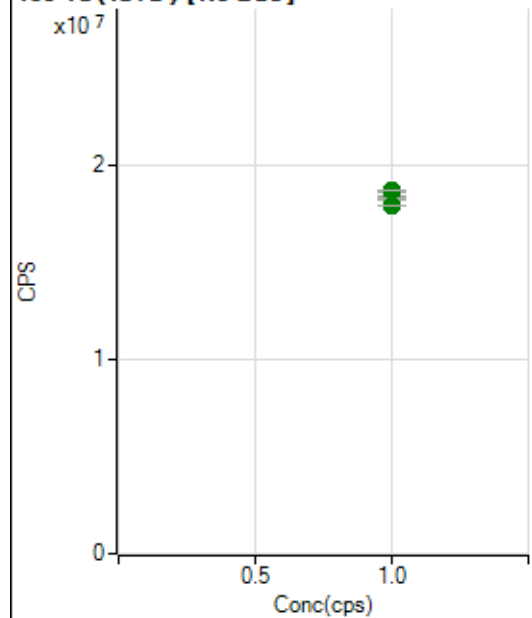
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6394132.06		A	0.1
2	☐	1.000					
3	☐	1.000		6366241.92		A	0.5
4	☐	1.000		6229152.06		A	0.1
5	☐	1.000		6231697.34		A	0.2
6	☐	1.000		6229010.60		A	0.4
7	☐	1.000		6168493.66		A	0.3
8	☐	1.000		6214717.48		A	0.1
9	☐	1.000		5860272.90		P	0.9

115 In (ISTD) [No Gas]

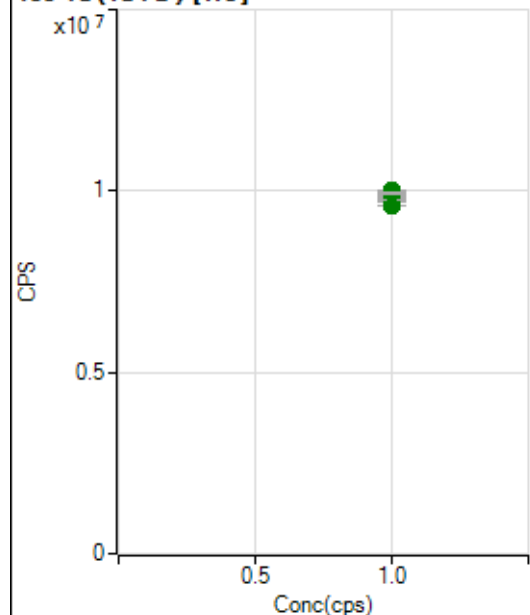
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14172412.00		A	0.6
2	☐	1.000					
3	☐	1.000		13898978.52		A	0.2
4	☐	1.000		13748889.38		A	0.3
5	☐	1.000		13715375.55		A	0.2
6	☐	1.000		13661717.73		A	0.2
7	☐	1.000		13597140.73		A	0.1
8	☐	1.000		13710642.19		A	0.1
9	☐	1.000		13119650.30		A	0.5

115 In (ISTD) [He]

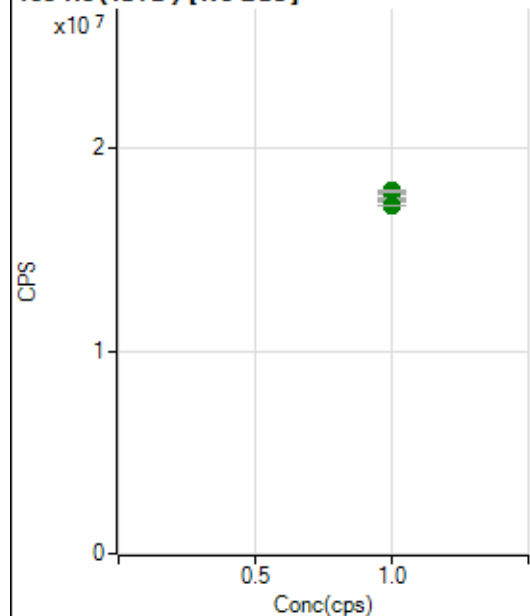
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2784926.74		P	0.1
2	☐	1.000					
3	☐	1.000		2760098.89		P	0.1
4	☐	1.000		2714718.60		P	0.3
5	☐	1.000		2729599.41		P	0.3
6	☐	1.000		2741409.07		P	1.0
7	☐	1.000		2734968.03		P	0.8
8	☐	1.000		2750082.06		P	0.6
9	☐	1.000		2765575.70		P	1.1

159 Tb (ISTD) [No Gas]

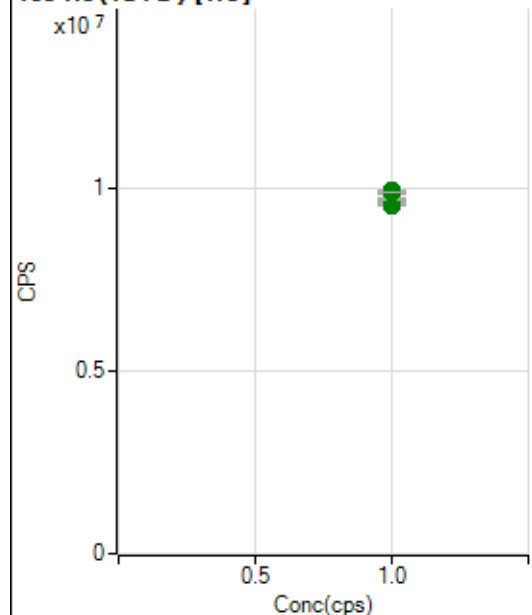
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18682285.00		A	0.3
2	☐	1.000					
3	☐	1.000		18428804.17		A	0.3
4	☐	1.000		18290405.84		A	0.3
5	☐	1.000		18375090.97		A	0.1
6	☐	1.000		18429913.89		A	0.3
7	☐	1.000		18314730.56		A	0.4
8	☐	1.000		18724107.50		A	0.1
9	☐	1.000		17989526.81		A	0.2

159 Tb (ISTD) [He]

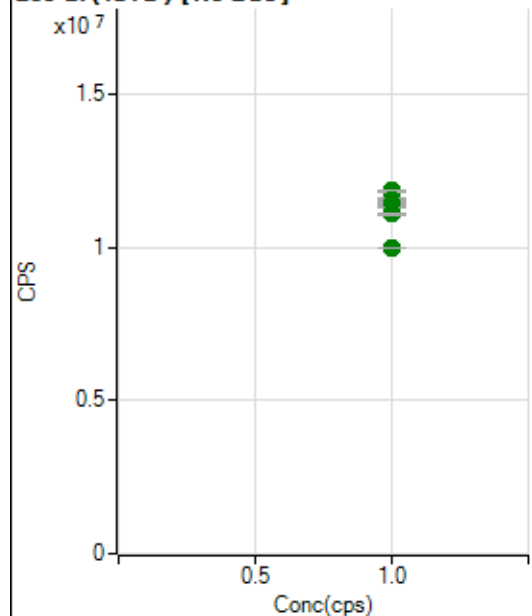
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9818482.84		A	0.4
2	☐	1.000					
3	☐	1.000		9700235.41		A	0.5
4	☐	1.000		9609179.93		A	0.2
5	☐	1.000		9682582.84		A	0.1
6	☐	1.000		9706870.55		A	0.5
7	☐	1.000		9766288.54		A	0.1
8	☐	1.000		10001847.98		A	0.1
9	☐	1.000		9961972.56		A	0.5

165 Ho (ISTD) [No Gas]

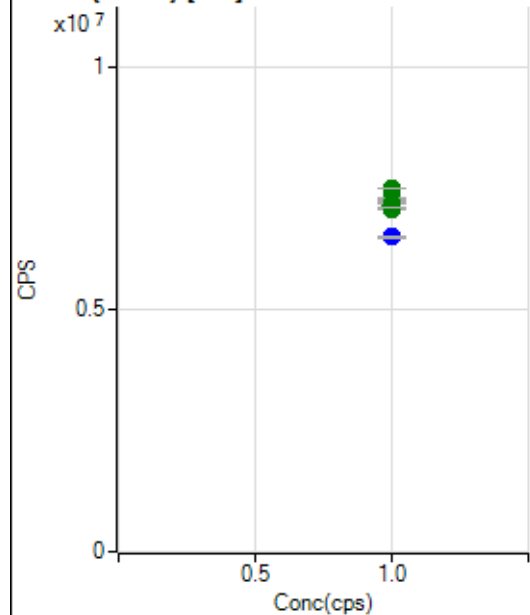
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17807735.64		A	0.5
2	☐	1.000					
3	☐	1.000		17450869.83		A	0.6
4	☐	1.000		17384424.35		A	0.4
5	☐	1.000		17481944.66		A	0.5
6	☐	1.000		17548024.00		A	0.7
7	☐	1.000		17490963.58		A	0.4
8	☐	1.000		17909105.61		A	0.6
9	☐	1.000		17176926.43		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9845197.01		A	0.2
2	☐	1.000					
3	☐	1.000		9639175.20		A	0.5
4	☐	1.000		9544435.34		A	0.2
5	☐	1.000		9659926.11		A	0.5
6	☐	1.000		9671008.40		A	0.3
7	☐	1.000		9726480.27		A	0.3
8	☐	1.000		9944147.91		A	0.2
9	☐	1.000		9908767.14		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11829733.71		A	0.3
2	☐	1.000					
3	☐	1.000		11562314.83		A	0.5
4	☐	1.000		11423593.30		A	0.4
5	☐	1.000		11391590.94		A	0.6
6	☐	1.000		11270172.89		A	0.3
7	☐	1.000		11116938.30		A	0.1
8	☐	1.000		11086019.56		A	0.5
9	☐	1.000		9974676.45		A	0.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7489858.85		A	0.2
2	☐	1.000					
3	☐	1.000		7302622.39		A	0.5
4	☐	1.000		7196947.95		A	0.3
5	☐	1.000		7188356.49		A	0.3
6	☐	1.000		7142364.48		A	0.7
7	☐	1.000		7066687.05		A	0.3
8	☐	1.000		7095583.58		A	0.0
9	☐	1.000		6493221.78		P	0.9

US EPA Tune Check Sample Report

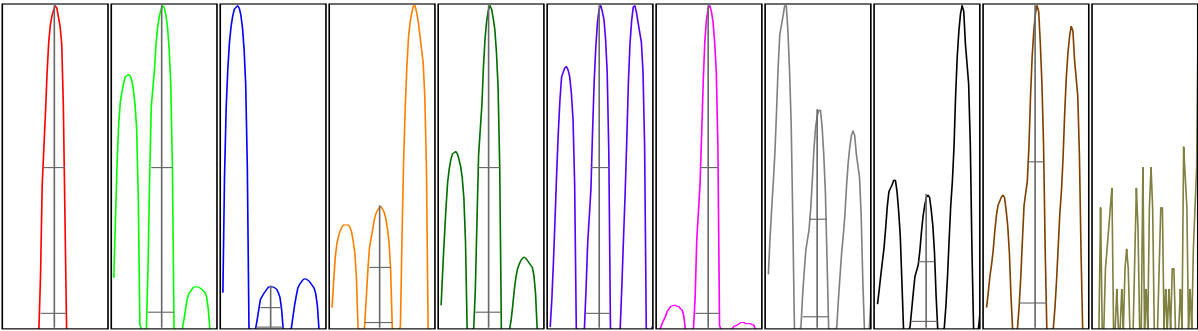
Batch Folder D:\ICP-MS Data\P7111417 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6204	0.85	5.00	
24	62875	0.47	5.00	
25	8383	0.45	5.00	
26	9746	0.61	5.00	
59	80091	0.37	5.00	
113	11686	1.39	5.00	
115	158987	2.96	5.00	
206	32925	0.48	5.00	
207	29940	0.44	5.00	
208	70845	0.72	5.00	
220	0	43.24		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6112	6213	6230	6246	6218
24	62490	62732	62919	62948	63286
25	8338	8347	8403	8421	8404
26	9665	9725	9788	9735	9818
59	79666	79936	80156	80286	80409
113	11885	11800	11677	11592	11477
115	165289	161751	158771	155564	153562
206	32680	32892	32962	32975	33114
207	29713	29936	30034	30016	30000
208	70137	70515	70967	71335	71271
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	10541	9.00	8.9 - 9.1		0.779	0.900	
24	103646	23.95	23.9 - 24.1		0.782	0.900	
25	13767	24.95	24.9 - 25.1		0.784	0.900	
26	16077	25.95	25.9 - 26.1		0.785	0.900	
59	139306	58.95	58.9 - 59.1		0.775	0.900	
113	22476	113.00	112.9 - 113.1		0.726	0.900	
115	304937	115.00	114.9 - 115.1		0.722	0.900	
206	66157	206.00	205.9 - 206.1		0.776	0.900	
207	59793	207.00	206.9 - 207.1		0.773	0.900	
208	143793	208.00	207.9 - 208.1		0.778	0.900	
220	0	219.80	-		0.175		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.8	V	Deflect	14.4	V
Extract 2	-160.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-80	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	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	21766	0.50	
89	243253	0.51	
205	31144	0.34	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	21633	21668	21823	21885	21821
89	241354	242958	243246	244221	244486
205	31046	31088	31082	31299	31207

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.1	V	Deflect	2.2	V
Extract 2	-145.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	200	V			

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:17:09	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	-0.23	0.11	0.00	N/A	ppb
Antimony	121-1	0.01	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.07	-0.04	-0.03	0.00	N/A	ppb
Boron	11-1	0.03	-0.04	0.02	0.00	N/A	ppb
Cadmium	111-1	0.04	-0.04	0.00	0.00	N/A	ppb
Cadmium	106-1	0.59	-0.58	-0.01	0.00	N/A	ppb
Cadmium	108-1	0.00	-0.03	0.03	0.00	N/A	ppb
Calcium	43-1	0.05	2.38	-2.43	0.00	N/A	ppb
Calcium	44-1	-0.63	0.40	0.23	0.00	N/A	ppb
Chromium	52-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.02	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.04	-0.09	0.05	0.00	N/A	ppb
Iron	57-2	-0.65	0.22	0.43	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.06	0.03	0.02	0.00	N/A	ppb
Manganese	55-2	0.00	-0.02	0.02	0.00	N/A	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:17:09	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.02	-0.03	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.06	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-5.84	8.07	-3.49	-0.42		ppb
Potassium	39-2	3.56	-1.67	-1.88	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.03	0.36	-0.33	0.00	N/A	ppb
Selenium	82-1	0.09	0.15	-0.24	0.00	N/A	ppb
Silicon	28-1	-0.07	0.09	-0.02	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.00	0.37	0.63	0.00	N/A	ppb
Strontium	86-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-56.39	70.10	31.89	15.20	426.86	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	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	0.00	-0.03	0.03	0.00	N/A	ppb
Titanium	47-1	0.04	-0.03	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.29	-0.07	0.36	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:17:09	DataFile Name :	003CALB.d

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

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 10:25:26 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.49	17.01	18.60	17.70	4.61	ppb
Antimony	121-1	1.79	1.65	1.78	1.74	4.43	ppb
Arsenic	75-2	0.88	0.88	0.95	0.90	4.83	ppb
Barium	135-1	9.05	9.08	8.32	8.82	4.86	ppb
Barium	137-1	8.75	9.04	8.85	8.88	1.68	ppb
Beryllium	9-1	0.83	0.80	1.08	0.91	16.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.46	19.74	21.09	20.77	4.36	ppb
Boron	11-1	20.37	21.35	21.43	21.05	2.79	ppb
Cadmium	111-1	0.94	0.91	0.93	0.93	1.79	ppb
Cadmium	106-1	1.25	1.43	0.94	1.21	20.69	ppb
Cadmium	108-1	0.98	0.91	0.93	0.94	3.88	ppb
Calcium	43-1	419.71	441.99	423.46	428.39	2.78	ppb
Calcium	44-1	432.09	428.12	426.45	428.89	0.68	ppb
Chromium	52-2	1.86	2.03	1.94	1.94	4.21	ppb
Cobalt	59-2	0.90	0.88	0.95	0.91	3.73	ppb
Copper	63-2	1.97	2.00	1.94	1.97	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.41	47.29	47.32	47.34	0.13	ppb
Iron	57-2	46.21	49.56	46.12	47.30	4.15	ppb
Lead	206-1	0.88	0.90	0.91	0.90	1.64	ppb
Lead	207-1	0.90	0.93	0.90	0.91	1.80	ppb
Lead	208-1	0.88	0.90	0.90	0.90	1.31	ppb
Lithium	6-1						%
Magnesium	24-2	457.23	463.92	456.87	459.34	0.86	ppb
Manganese	55-2	0.91	0.98	0.91	0.93	4.44	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:25:26	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.18	4.29	4.06	4.18	2.75	ppb
Molybdenum	95-1	4.37	4.24	4.40	4.33	1.97	ppb
Molybdenum	96-1	4.37	4.37	4.22	4.32	1.94	ppb
Molybdenum	97-1	4.61	4.47	4.42	4.50	2.11	ppb
Molybdenum	98-1	4.33	4.46	4.31	4.37	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.04	1.09	1.09	4.00	ppb
Phosphorus	31-2	3.48	-1.04	-1.17	0.42	629.65	ppb
Potassium	39-2	437.58	452.57	433.72	441.29	2.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.58	3.59	1.79	2.99	34.81	ppb
Selenium	78-2	4.76	6.23	5.03	5.34	14.62	ppb
Selenium	82-1	4.47	5.47	5.07	5.00	10.09	ppb
Silicon	28-1	11.48	11.32	10.61	11.14	4.14	ppb
Silver	109-1	0.96	0.93	0.97	0.95	2.17	ppb
Silver	107-1	0.94	0.91	0.92	0.92	1.67	ppb
Sodium	23-2	464.93	467.64	464.13	465.57	0.39	ppb
Strontium	86-1	0.77	0.80	0.93	0.83	10.39	ppb
Strontium	88-1	0.95	0.93	0.91	0.93	2.42	ppb
Sulfur	34-1	-60.57	42.00	-27.03	-15.20		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.85	0.89	0.86	0.87	2.74	ppb
Thallium	205-1	0.90	0.85	0.87	0.87	2.88	ppb
Tin	118-1	4.39	4.27	4.35	4.34	1.39	ppb
Titanium	47-1	4.40	4.57	4.21	4.39	4.18	ppb
Uranium	238-1	0.89	0.82	0.82	0.84	4.41	ppb
Vanadium	51-2	4.61	4.44	4.62	4.56	2.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.10	2.38	2.05	2.18	8.17	ppb
Zirconium	90-1	0.75	0.75	0.66	0.72	6.68	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:25:26	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.74	0.72	0.66	0.70	6.06	ppb

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 10:29:17 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1004.21	1004.22	1005.64	1004.69	0.08	ppb
Antimony	121-1	48.46	48.31	48.99	48.59	0.73	ppb
Arsenic	75-2	51.78	50.68	50.25	50.91	1.55	ppb
Barium	135-1	248.00	249.25	247.28	248.18	0.40	ppb
Barium	137-1	247.85	249.71	248.82	248.79	0.37	ppb
Beryllium	9-1	52.07	52.02	51.79	51.96	0.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	51.12	49.10	46.62	48.95	4.61	ppb
Boron	11-1	48.97	48.47	50.41	49.28	2.05	ppb
Cadmium	111-1	52.25	52.09	51.94	52.09	0.29	ppb
Cadmium	106-1	50.10	51.43	51.71	51.08	1.68	ppb
Cadmium	108-1	50.41	52.42	51.57	51.47	1.96	ppb
Calcium	43-1	4887.65	4794.62	4877.63	4853.30	1.05	ppb
Calcium	44-1	4897.06	4889.40	4918.24	4901.57	0.30	ppb
Chromium	52-2	51.46	51.52	51.56	51.51	0.09	ppb
Cobalt	59-2	51.52	51.36	51.53	51.47	0.19	ppb
Copper	63-2	103.87	104.64	104.69	104.40	0.44	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2627.36	2636.78	2642.13	2635.42	0.28	ppb
Iron	57-2	2623.23	2643.45	2612.93	2626.54	0.59	ppb
Lead	206-1	49.64	49.39	48.94	49.32	0.72	ppb
Lead	207-1	49.20	49.05	49.00	49.08	0.21	ppb
Lead	208-1	49.18	49.02	48.76	48.99	0.43	ppb
Lithium	6-1						%
Magnesium	24-2	5194.33	5165.03	5137.49	5165.62	0.55	ppb
Manganese	55-2	101.58	102.40	102.13	102.04	0.41	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:29:17	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	246.37	245.42	244.01	245.27	0.48	ppb
Molybdenum	95-1	247.18	245.48	246.67	246.44	0.35	ppb
Molybdenum	96-1	245.63	246.27	245.11	245.67	0.24	ppb
Molybdenum	97-1	240.42	243.26	241.16	241.61	0.61	ppb
Molybdenum	98-1	245.13	246.80	246.58	246.17	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.96	53.29	53.63	53.29	0.63	ppb
Phosphorus	31-2	949.96	998.93	1153.99	1034.29	10.30	ppb
Potassium	39-2	2482.99	2489.74	2478.79	2483.84	0.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	46.85	57.46	54.61	52.97	10.36	ppb
Selenium	78-2	52.77	53.52	49.16	51.81	4.50	ppb
Selenium	82-1	51.95	52.36	51.58	51.96	0.75	ppb
Silicon	28-1	48.38	47.66	48.32	48.12	0.84	ppb
Silver	109-1	51.01	51.77	51.23	51.34	0.76	ppb
Silver	107-1	51.07	50.80	50.95	50.94	0.27	ppb
Sodium	23-2	5127.60	5180.05	5144.49	5150.71	0.52	ppb
Strontium	86-1	49.96	50.84	50.16	50.32	0.92	ppb
Strontium	88-1	49.79	50.14	50.35	50.09	0.56	ppb
Sulfur	34-1	961.05	1019.19	922.65	967.63	5.02	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	47.70	48.19	47.90	47.93	0.52	ppb
Thallium	205-1	48.35	48.54	48.67	48.52	0.33	ppb
Tin	118-1	49.81	49.36	50.09	49.75	0.75	ppb
Titanium	47-1	248.09	248.65	245.49	247.41	0.68	ppb
Uranium	238-1	48.08	47.96	48.03	48.02	0.13	ppb
Vanadium	51-2	50.05	50.24	49.90	50.06	0.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	107.80	106.55	108.03	107.46	0.74	ppb
Zirconium	90-1	48.76	48.55	48.69	48.67	0.22	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:29:17	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.37	49.84	48.86	49.36	0.98	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:33:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2463.76	2537.05	2503.05	2501.29	1.47	ppb
Antimony	121-1	122.03	122.41	123.15	122.53	0.46	ppb
Arsenic	75-2	125.85	127.25	125.95	126.35	0.62	ppb
Barium	135-1	622.06	616.10	617.40	618.52	0.51	ppb
Barium	137-1	629.82	626.96	625.08	627.29	0.38	ppb
Beryllium	9-1	129.61	127.50	130.02	129.05	1.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	123.55	118.37	120.94	120.96	2.14	ppb
Boron	11-1	120.70	122.63	124.67	122.66	1.62	ppb
Cadmium	111-1	128.66	129.72	129.14	129.17	0.41	ppb
Cadmium	106-1	126.72	133.65	128.61	129.66	2.76	ppb
Cadmium	108-1	129.52	129.36	128.46	129.11	0.44	ppb
Calcium	43-1	12216.22	12157.67	12178.81	12184.23	0.24	ppb
Calcium	44-1	12317.51	12369.54	12292.75	12326.60	0.32	ppb
Chromium	52-2	128.41	129.61	129.39	129.14	0.49	ppb
Cobalt	59-2	127.61	128.93	128.08	128.21	0.52	ppb
Copper	63-2	257.92	259.77	258.68	258.79	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6552.58	6602.80	6594.73	6583.37	0.41	ppb
Iron	57-2	6533.49	6560.87	6526.81	6540.39	0.28	ppb
Lead	206-1	122.85	123.80	123.87	123.51	0.46	ppb
Lead	207-1	122.45	123.65	124.19	123.43	0.72	ppb
Lead	208-1	122.08	123.52	123.33	122.98	0.63	ppb
Lithium	6-1						%
Magnesium	24-2	12860.62	13007.74	12949.24	12939.20	0.57	ppb
Manganese	55-2	253.43	255.10	254.85	254.46	0.35	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:33:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	618.40	619.71	628.56	622.22	0.89	ppb
Molybdenum	95-1	622.01	618.80	626.58	622.46	0.63	ppb
Molybdenum	96-1	624.20	624.32	625.56	624.69	0.12	ppb
Molybdenum	97-1	614.34	614.70	615.03	614.69	0.06	ppb
Molybdenum	98-1	623.17	626.68	625.61	625.15	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.51	131.37	132.31	132.06	0.46	ppb
Phosphorus	31-2	2649.50	2616.37	2546.06	2603.98	2.03	ppb
Potassium	39-2	6270.32	6298.76	6227.83	6265.63	0.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	160.20	120.12	121.37	133.89	17.02	ppb
Selenium	78-2	128.03	133.83	129.52	130.46	2.31	ppb
Selenium	82-1	131.50	127.78	130.55	129.94	1.49	ppb
Silicon	28-1	122.96	123.84	124.28	123.69	0.54	ppb
Silver	109-1	128.18	127.45	127.50	127.71	0.32	ppb
Silver	107-1	126.91	126.26	126.95	126.71	0.31	ppb
Sodium	23-2	12968.53	13139.34	13002.44	13036.77	0.69	ppb
Strontium	86-1	125.08	126.02	126.30	125.80	0.51	ppb
Strontium	88-1	126.18	125.82	125.54	125.85	0.26	ppb
Sulfur	34-1	2202.32	2106.42	2002.83	2103.86	4.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	121.14	121.48	121.08	121.23	0.18	ppb
Thallium	205-1	122.43	124.27	123.18	123.29	0.75	ppb
Tin	118-1	124.04	124.61	124.15	124.27	0.24	ppb
Titanium	47-1	625.16	624.20	621.76	623.71	0.28	ppb
Uranium	238-1	121.10	123.01	122.39	122.17	0.80	ppb
Vanadium	51-2	124.58	126.45	124.86	125.30	0.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	261.52	269.94	265.40	265.62	1.59	ppb
Zirconium	90-1	124.01	124.79	124.87	124.56	0.38	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:33:08	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	123.92	125.14	126.37	125.14	0.98	ppb

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 10:36:54 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5016.62	5026.71	5016.59	5019.97	0.12	ppb
Antimony	121-1	246.63	247.25	246.70	246.86	0.14	ppb
Arsenic	75-2	253.07	254.12	254.31	253.83	0.26	ppb
Barium	135-1	1249.25	1252.31	1242.43	1248.00	0.41	ppb
Barium	137-1	1266.99	1275.72	1261.63	1268.11	0.56	ppb
Beryllium	9-1	255.59	255.77	257.19	256.18	0.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	236.86	247.06	253.41	245.78	3.40	ppb
Boron	11-1	244.16	247.33	254.65	248.71	2.16	ppb
Cadmium	111-1	256.11	259.87	257.46	257.81	0.74	ppb
Cadmium	106-1	257.59	265.48	258.36	260.48	1.67	ppb
Cadmium	108-1	259.38	264.50	259.92	261.27	1.08	ppb
Calcium	43-1	24227.98	24443.27	24267.47	24312.91	0.47	ppb
Calcium	44-1	24477.77	24683.69	24801.03	24654.16	0.66	ppb
Chromium	52-2	256.82	255.91	257.47	256.74	0.31	ppb
Cobalt	59-2	256.18	254.83	258.04	256.35	0.63	ppb
Copper	63-2	513.76	515.18	516.29	515.07	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13158.15	13063.51	13184.36	13135.34	0.48	ppb
Iron	57-2	12958.15	12880.34	13037.80	12958.76	0.61	ppb
Lead	206-1	250.27	251.02	251.59	250.96	0.26	ppb
Lead	207-1	250.17	251.56	250.85	250.86	0.28	ppb
Lead	208-1	250.45	250.06	249.88	250.13	0.12	ppb
Lithium	6-1						%
Magnesium	24-2	25888.01	25687.21	25734.10	25769.77	0.41	ppb
Manganese	55-2	509.67	506.12	509.66	508.48	0.40	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:36:54	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1250.67	1264.06	1260.60	1258.44	0.55	ppb
Molybdenum	95-1	1241.46	1256.70	1253.49	1250.55	0.64	ppb
Molybdenum	96-1	1251.59	1263.92	1253.38	1256.30	0.53	ppb
Molybdenum	97-1	1238.27	1247.51	1228.74	1238.17	0.76	ppb
Molybdenum	98-1	1258.27	1265.07	1253.45	1258.93	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.17	261.83	262.56	262.52	0.26	ppb
Phosphorus	31-2	4976.56	5030.13	5071.42	5026.04	0.95	ppb
Potassium	39-2	12418.12	12504.14	12528.47	12483.58	0.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	271.28	256.93	248.31	258.84	4.48	ppb
Selenium	78-2	255.78	260.61	259.64	258.68	0.99	ppb
Selenium	82-1	255.81	255.17	260.25	257.08	1.08	ppb
Silicon	28-1	251.89	257.29	256.93	255.37	1.18	ppb
Silver	109-1	255.64	254.97	252.34	254.32	0.69	ppb
Silver	107-1	251.42	253.44	252.32	252.39	0.40	ppb
Sodium	23-2	25738.93	25570.68	25678.26	25662.63	0.33	ppb
Strontium	86-1	251.08	254.89	251.34	252.44	0.84	ppb
Strontium	88-1	251.05	252.81	251.95	251.94	0.35	ppb
Sulfur	34-1	4613.54	4586.62	4696.08	4632.08	1.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	246.17	244.82	245.93	245.64	0.29	ppb
Thallium	205-1	251.86	251.85	252.12	251.95	0.06	ppb
Tin	118-1	248.41	249.26	249.30	248.99	0.20	ppb
Titanium	47-1	1245.42	1253.34	1257.04	1251.93	0.47	ppb
Uranium	238-1	246.55	245.57	246.81	246.31	0.27	ppb
Vanadium	51-2	251.88	248.97	252.37	251.07	0.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	522.53	522.00	525.87	523.46	0.40	ppb
Zirconium	90-1	252.86	253.64	251.57	252.69	0.41	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:36:54	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	252.74	252.99	252.88	252.87	0.05	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:40:38	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9945.54	9890.36	9860.81	9898.90	0.43	ppb
Antimony	121-1	499.98	495.84	495.80	497.20	0.48	ppb
Arsenic	75-2	504.47	505.88	503.31	504.55	0.26	ppb
Barium	135-1	2518.25	2496.14	2489.93	2501.44	0.60	ppb
Barium	137-1	2519.06	2480.89	2502.82	2500.93	0.77	ppb
Beryllium	9-1	507.41	506.03	505.13	506.19	0.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	492.80	500.72	510.68	501.40	1.79	ppb
Boron	11-1	485.39	504.25	505.63	498.42	2.27	ppb
Cadmium	111-1	508.32	506.08	510.55	508.31	0.44	ppb
Cadmium	106-1	506.70	506.86	509.90	507.82	0.35	ppb
Cadmium	108-1	504.43	508.77	499.75	504.32	0.89	ppb
Calcium	43-1	48575.43	48773.62	48927.06	48758.70	0.36	ppb
Calcium	44-1	48956.15	49061.39	49247.57	49088.37	0.30	ppb
Chromium	52-2	510.69	514.20	513.18	512.69	0.35	ppb
Cobalt	59-2	506.40	507.53	505.69	506.54	0.18	ppb
Copper	63-2	1011.03	1018.55	1010.64	1013.41	0.44	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26037.68	26116.18	25902.22	26018.69	0.42	ppb
Iron	57-2	25529.99	26153.18	25721.15	25801.44	1.24	ppb
Lead	206-1	495.26	497.77	497.84	496.95	0.30	ppb
Lead	207-1	500.32	498.95	499.89	499.72	0.14	ppb
Lead	208-1	499.12	497.80	498.13	498.35	0.14	ppb
Lithium	6-1						%
Magnesium	24-2	51109.11	51325.07	51096.90	51177.03	0.25	ppb
Manganese	55-2	999.22	1017.18	1008.61	1008.34	0.89	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:40:38	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2496.15	2490.80	2505.49	2497.48	0.30	ppb
Molybdenum	95-1	2483.47	2498.38	2496.73	2492.86	0.33	ppb
Molybdenum	96-1	2486.54	2494.70	2511.29	2497.51	0.50	ppb
Molybdenum	97-1	2507.61	2501.22	2511.61	2506.81	0.21	ppb
Molybdenum	98-1	2514.78	2499.93	2499.10	2504.61	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.35	518.34	516.76	516.82	0.29	ppb
Phosphorus	31-2	10009.78	9834.84	10066.74	9970.45	1.21	ppb
Potassium	39-2	25249.32	25115.67	25095.52	25153.50	0.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	519.06	537.93	522.98	526.66	1.89	ppb
Selenium	78-2	515.18	514.67	514.66	514.83	0.06	ppb
Selenium	82-1	507.43	503.28	506.07	505.60	0.42	ppb
Silicon	28-1	515.23	522.49	523.63	520.45	0.88	ppb
Silver	109-1	506.77	501.99	504.15	504.30	0.47	ppb
Silver	107-1	501.19	499.21	501.91	500.77	0.28	ppb
Sodium	23-2	50706.51	51156.55	50990.03	50951.03	0.45	ppb
Strontium	86-1	500.45	500.14	497.64	499.41	0.31	ppb
Strontium	88-1	499.68	504.70	499.15	501.18	0.61	ppb
Sulfur	34-1	9948.86	9878.30	9943.68	9923.62	0.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	493.61	489.83	490.79	491.41	0.40	ppb
Thallium	205-1	498.18	495.20	495.50	496.29	0.33	ppb
Tin	118-1	503.20	500.09	500.13	501.14	0.36	ppb
Titanium	47-1	2508.89	2494.84	2488.94	2497.56	0.41	ppb
Uranium	238-1	498.44	492.78	496.13	495.79	0.57	ppb
Vanadium	51-2	503.49	503.59	503.47	503.52	0.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1026.14	1029.64	1030.21	1028.67	0.21	ppb
Zirconium	90-1	504.12	499.82	501.63	501.86	0.43	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:40:38	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.36	499.64	500.12	500.37	0.18	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:44:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19444.63	19544.02	19327.88	19438.85	0.56	ppb
Antimony	121-1	996.25	1005.42	1006.01	1002.56	0.55	ppb
Arsenic	75-2	996.06	996.27	997.32	996.55	0.07	ppb
Barium	135-1	4972.67	5004.69	5024.69	5000.68	0.52	ppb
Barium	137-1	5000.54	5003.58	4980.24	4994.79	0.25	ppb
Beryllium	9-1	997.49	995.16	991.61	994.75	0.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	977.57	999.33	1026.16	1001.02	2.43	ppb
Boron	11-1	981.63	1006.96	1016.02	1001.54	1.78	ppb
Cadmium	111-1	991.59	993.08	995.12	993.26	0.18	ppb
Cadmium	106-1	983.69	994.32	1000.49	992.83	0.86	ppb
Cadmium	108-1	999.28	989.79	994.25	994.44	0.48	ppb
Calcium	43-1	97452.88	96728.54	96722.94	96968.12	0.43	ppb
Calcium	44-1	98019.29	97596.38	97732.71	97782.79	0.22	ppb
Chromium	52-2	985.11	995.70	993.32	991.38	0.56	ppb
Cobalt	59-2	992.22	996.73	995.06	994.67	0.23	ppb
Copper	63-2	1989.90	1991.22	1983.52	1988.21	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50958.70	51304.73	50746.12	51003.18	0.55	ppb
Iron	57-2	50573.74	50875.52	50722.80	50724.02	0.30	ppb
Lead	206-1	1005.87	997.14	1001.51	1001.50	0.44	ppb
Lead	207-1	1001.07	996.50	1002.93	1000.17	0.33	ppb
Lead	208-1	1002.84	996.21	1004.24	1001.10	0.43	ppb
Lithium	6-1						%
Magnesium	24-2	100221.29	100163.49	99605.40	99996.73	0.34	ppb
Manganese	55-2	1978.06	2006.71	1994.39	1993.05	0.72	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:44:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5005.70	5000.01	4993.49	4999.73	0.12	ppb
Molybdenum	95-1	5010.04	5005.62	4996.13	5003.93	0.14	ppb
Molybdenum	96-1	5030.63	4976.30	4992.84	4999.92	0.56	ppb
Molybdenum	97-1	5030.49	4980.21	4993.08	5001.26	0.52	ppb
Molybdenum	98-1	4997.59	4987.64	5001.68	4995.64	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	980.56	990.30	991.38	987.41	0.60	ppb
Phosphorus	31-2	19814.25	20130.09	20036.31	19993.55	0.81	ppb
Potassium	39-2	49220.60	49546.64	49094.56	49287.27	0.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1021.02	962.72	965.90	983.21	3.33	ppb
Selenium	78-2	987.84	991.08	990.00	989.64	0.17	ppb
Selenium	82-1	996.27	991.68	996.20	994.72	0.26	ppb
Silicon	28-1	988.81	984.96	992.27	988.68	0.37	ppb
Silver	109-1	995.00	999.32	994.78	996.36	0.26	ppb
Silver	107-1	991.61	1000.86	1003.80	998.76	0.64	ppb
Sodium	23-2	100084.25	100074.35	99600.69	99919.76	0.28	ppb
Strontium	86-1	1003.92	996.52	998.27	999.57	0.39	ppb
Strontium	88-1	1003.35	995.63	997.47	998.81	0.40	ppb
Sulfur	34-1	20296.01	20063.82	20184.09	20181.31	0.58	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1003.69	1004.00	1010.19	1005.96	0.36	ppb
Thallium	205-1	1005.22	1000.79	998.96	1001.66	0.32	ppb
Tin	118-1	992.59	1001.18	1005.60	999.79	0.66	ppb
Titanium	47-1	5004.69	4990.68	5007.72	5001.03	0.18	ppb
Uranium	238-1	1000.66	1002.38	1007.41	1003.48	0.35	ppb
Vanadium	51-2	995.06	1000.25	998.50	997.94	0.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1966.27	1989.73	1976.42	1977.48	0.59	ppb
Zirconium	90-1	998.55	998.14	998.87	998.52	0.04	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:44:20	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1000.44	998.35	998.55	999.11	0.12	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:48:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99955.17	100315.50	100093.12	100121.26	0.18	ppb
Antimony	121-1	2.80	2.68	2.74	2.74	2.16	ppb
Arsenic	75-2	0.32	0.34	0.44	0.37	17.30	ppb
Barium	135-1	1.45	1.35	1.36	1.38	4.10	ppb
Barium	137-1	1.39	1.42	1.42	1.41	1.22	ppb
Beryllium	9-1	0.26	0.26	0.27	0.27	2.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	32.25	28.06	27.14	29.15	9.35	ppb
Boron	11-1	31.27	28.56	25.44	28.42	10.27	ppb
Cadmium	111-1	0.14	0.05	0.09	0.09	45.92	ppb
Cadmium	106-1	-0.30	-0.80	-1.07	-0.72		ppb
Cadmium	108-1	0.21	0.11	0.11	0.14	42.19	ppb
Calcium	43-1	500376.87	501417.67	500528.34	500774.29	0.11	ppb
Calcium	44-1	498374.52	502229.46	501067.89	500557.29	0.40	ppb
Chromium	52-2	12.53	12.60	12.32	12.49	1.18	ppb
Cobalt	59-2	1.14	1.12	1.09	1.11	2.38	ppb
Copper	63-2	2.93	2.90	2.85	2.89	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	250432.77	249590.42	248944.93	249656.04	0.30	ppb
Iron	57-2	250089.56	249961.41	249179.80	249743.59	0.20	ppb
Lead	206-1	1.37	1.35	1.34	1.35	0.95	ppb
Lead	207-1	1.29	1.19	1.27	1.25	4.42	ppb
Lead	208-1	1.28	1.27	1.29	1.28	1.02	ppb
Lithium	6-1						%
Magnesium	24-2	501791.99	500698.26	497005.36	499831.87	0.50	ppb
Manganese	55-2	5.60	5.87	5.54	5.67	3.10	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:48:01	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.76	2.62	2.46	2.61	5.77	ppb
Molybdenum	95-1	3.55	3.53	3.31	3.46	3.86	ppb
Molybdenum	96-1	4.49	4.18	4.16	4.28	4.32	ppb
Molybdenum	97-1	3.61	3.46	3.35	3.47	3.80	ppb
Molybdenum	98-1	3.50	3.22	3.29	3.33	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.87	9.70	10.04	9.87	1.76	ppb
Phosphorus	31-2	8.23	10.22	-7.19	3.75	254.05	ppb
Potassium	39-2	249560.16	250324.95	250498.61	250127.91	0.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	1.12	0.56	0.56	100.22	ppb
Selenium	78-2	0.94	0.72	2.25	1.30	63.17	ppb
Selenium	82-1	0.63	0.36	0.55	0.51	26.24	ppb
Silicon	28-1	45.73	46.61	45.50	45.95	1.28	ppb
Silver	109-1	0.09	0.10	0.10	0.10	8.14	ppb
Silver	107-1	0.10	0.12	0.11	0.11	7.20	ppb
Sodium	23-2	499650.62	501223.06	498745.08	499872.92	0.25	ppb
Strontium	86-1	35.10	35.14	35.49	35.24	0.62	ppb
Strontium	88-1	35.10	35.06	34.88	35.01	0.34	ppb
Sulfur	34-1	-389.32	-250.46	-227.59	-289.12		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.61	0.52	0.46	0.53	14.06	ppb
Thallium	205-1	0.56	0.52	0.49	0.52	7.20	ppb
Tin	118-1	0.97	1.01	0.98	0.99	2.24	ppb
Titanium	47-1	1.09	1.11	1.27	1.16	8.62	ppb
Uranium	238-1	0.08	0.06	0.06	0.07	18.95	ppb
Vanadium	51-2	0.19	0.16	0.14	0.16	16.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.80	4.70	4.11	4.54	8.19	ppb
Zirconium	90-1	0.17	0.15	0.16	0.16	6.11	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:48:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.17	0.15	0.17	9.73	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:11:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	498.35	482.54	493.33	491.41	1.64	ppb
Antimony	121-1	187.51	188.23	190.41	188.72	0.80	ppb
Arsenic	75-2	197.07	193.95	195.13	195.39	0.80	ppb
Barium	135-1	95.00	96.66	96.25	95.97	0.90	ppb
Barium	137-1	97.05	97.58	97.48	97.37	0.29	ppb
Beryllium	9-1	96.99	94.69	95.66	95.78	1.21	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	514.43	520.58	523.36	519.46	0.88	ppb
Boron	11-1	520.22	526.14	526.79	524.38	0.69	ppb
Cadmium	111-1	103.23	103.72	103.03	103.32	0.34	ppb
Cadmium	106-1	161.00	162.20	156.74	159.98	1.79	ppb
Cadmium	108-1	130.40	131.05	136.46	132.63	2.51	ppb
Calcium	43-1	2058.19	2067.52	2046.60	2057.44	0.51	ppb
Calcium	44-1	1986.95	1978.83	1989.50	1985.09	0.28	ppb
Chromium	52-2	93.85	94.08	94.06	94.00	0.13	ppb
Cobalt	59-2	98.57	96.84	97.57	97.66	0.89	ppb
Copper	63-2	98.05	97.66	98.02	97.91	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	984.50	988.03	998.40	990.31	0.73	ppb
Iron	57-2	1003.98	979.81	981.82	988.54	1.36	ppb
Lead	206-1	191.92	192.74	191.38	192.01	0.36	ppb
Lead	207-1	185.69	186.53	184.42	185.54	0.57	ppb
Lead	208-1	188.43	188.44	187.35	188.07	0.33	ppb
Lithium	6-1						%
Magnesium	24-2	1158.08	1156.22	1165.86	1160.05	0.44	ppb
Manganese	55-2	95.30	95.21	96.57	95.69	0.80	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:11:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1078.89	1081.23	1084.53	1081.55	0.26	ppb
Molybdenum	95-1	477.66	476.68	478.50	477.61	0.19	ppb
Molybdenum	96-1	554.77	556.23	555.57	555.52	0.13	ppb
Molybdenum	97-1	470.81	471.54	473.04	471.80	0.24	ppb
Molybdenum	98-1	476.81	482.61	479.68	479.70	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.96	98.51	99.36	98.94	0.43	ppb
Phosphorus	31-2	-0.67	-0.70	3.64	0.76	328.55	ppb
Potassium	39-2	1914.84	1916.30	1915.86	1915.66	0.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	215.56	228.32	193.23	212.37	8.36	ppb
Selenium	78-2	192.88	197.37	203.98	198.07	2.82	ppb
Selenium	82-1	199.35	200.94	201.21	200.50	0.50	ppb
Silicon	28-1	428.45	427.42	428.78	428.22	0.17	ppb
Silver	109-1	99.05	99.18	99.27	99.17	0.11	ppb
Silver	107-1	97.46	99.78	99.14	98.79	1.21	ppb
Sodium	23-2	1971.29	1953.57	1970.35	1965.07	0.51	ppb
Strontium	86-1	490.56	486.68	487.12	488.12	0.44	ppb
Strontium	88-1	489.41	483.22	486.54	486.39	0.64	ppb
Sulfur	34-1	-433.00	-453.40	-480.86	-455.75		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	192.55	190.36	190.33	191.08	0.67	ppb
Thallium	205-1	194.89	195.34	195.90	195.37	0.26	ppb
Tin	118-1	492.66	494.35	496.83	494.61	0.42	ppb
Titanium	47-1	490.38	485.52	485.27	487.06	0.59	ppb
Uranium	238-1	498.10	501.19	499.85	499.71	0.31	ppb
Vanadium	51-2	94.18	93.77	94.13	94.03	0.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	200.73	200.27	200.54	200.52	0.12	ppb
Zirconium	90-1	483.14	483.02	480.66	482.27	0.29	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:11:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	480.52	484.32	483.12	482.65	0.40	ppb

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 11:29:22 DataFile Name : 014LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.38	19.02	18.68	18.36	4.72	ppb
Antimony	121-1	1.78	1.85	1.88	1.83	2.83	ppb
Arsenic	75-2	0.92	0.92	0.90	0.91	1.12	ppb
Barium	135-1	8.63	8.76	8.88	8.76	1.48	ppb
Barium	137-1	8.51	8.86	8.67	8.68	2.02	ppb
Beryllium	9-1	0.96	0.89	0.99	0.95	5.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.11	21.10	22.38	21.86	3.07	ppb
Boron	11-1	21.86	21.76	22.45	22.02	1.69	ppb
Cadmium	111-1	0.82	0.84	0.74	0.80	6.70	ppb
Cadmium	106-1	-1.06	0.24	-1.36	-0.73		ppb
Cadmium	108-1	0.87	1.06	1.08	1.01	11.44	ppb
Calcium	43-1	412.39	421.05	428.02	420.48	1.86	ppb
Calcium	44-1	426.49	425.59	425.38	425.82	0.14	ppb
Chromium	52-2	1.89	1.92	1.90	1.90	0.84	ppb
Cobalt	59-2	0.97	0.87	0.96	0.93	6.14	ppb
Copper	63-2	1.74	1.62	1.71	1.69	3.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.25	46.50	46.75	46.50	0.54	ppb
Iron	57-2	46.12	46.37	47.76	46.75	1.89	ppb
Lead	206-1	0.94	0.88	0.90	0.90	3.27	ppb
Lead	207-1	0.96	0.91	0.94	0.94	2.52	ppb
Lead	208-1	0.91	0.90	0.91	0.91	0.97	ppb
Lithium	6-1						%
Magnesium	24-2	449.75	448.95	457.47	452.06	1.04	ppb
Manganese	55-2	0.95	0.91	0.99	0.95	4.43	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:29:22	DataFile Name :	014LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.28	4.14	4.29	4.24	2.02	ppb
Molybdenum	95-1	4.40	4.44	4.36	4.40	0.95	ppb
Molybdenum	96-1	4.32	4.29	4.27	4.29	0.59	ppb
Molybdenum	97-1	4.33	4.28	4.34	4.32	0.80	ppb
Molybdenum	98-1	4.24	4.27	4.36	4.29	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.83	0.68	0.73	11.70	ppb
Phosphorus	31-2	-0.22	4.04	8.66	4.16	106.70	ppb
Potassium	39-2	458.55	451.52	454.50	454.86	0.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.39	5.12	7.37	5.29	37.71	ppb
Selenium	78-2	4.26	5.60	6.69	5.52	22.04	ppb
Selenium	82-1	5.02	4.65	4.74	4.80	4.03	ppb
Silicon	28-1	10.48	11.18	11.37	11.01	4.28	ppb
Silver	109-1	0.96	0.94	0.90	0.93	3.68	ppb
Silver	107-1	0.92	0.95	0.94	0.93	1.66	ppb
Sodium	23-2	466.70	469.69	467.44	467.94	0.33	ppb
Strontium	86-1	0.79	0.83	0.83	0.81	3.16	ppb
Strontium	88-1	0.90	0.88	0.86	0.88	1.91	ppb
Sulfur	34-1	-305.16	-172.65	-232.26	-236.69		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.84	0.90	0.89	5.12	ppb
Thallium	205-1	0.90	0.86	0.86	0.87	2.77	ppb
Tin	118-1	4.47	4.50	4.35	4.44	1.74	ppb
Titanium	47-1	4.09	4.46	4.37	4.30	4.43	ppb
Uranium	238-1	0.81	0.82	0.80	0.81	0.66	ppb
Vanadium	51-2	4.32	4.31	4.50	4.37	2.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.04	2.25	2.57	2.29	11.66	ppb
Zirconium	90-1	0.86	0.80	0.87	0.84	4.80	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:29:22	DataFile Name :	014LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.78	0.92	0.87	0.85	8.46	ppb

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 11:33:17 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.30	0.73	0.33	113.17	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	5.74	ppb
Arsenic	75-2	-0.03	0.02	-0.02	-0.01		ppb
Barium	135-1	-0.01	0.01	-0.01	0.00		ppb
Barium	137-1	0.01	-0.01	0.01	0.00	721.49	ppb
Beryllium	9-1	0.04	-0.02	0.00	0.01	376.12	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.25	2.12	2.36	1.91	30.61	ppb
Boron	11-1	1.67	1.87	1.56	1.70	9.26	ppb
Cadmium	111-1	-0.08	-0.14	-0.08	-0.10		ppb
Cadmium	106-1	-1.19	-1.84	-1.11	-1.38		ppb
Cadmium	108-1	-0.05	0.00	-0.03	-0.03		ppb
Calcium	43-1	3.54	2.19	3.97	3.23	28.68	ppb
Calcium	44-1	2.72	1.60	0.63	1.65	63.64	ppb
Chromium	52-2	-0.01	0.00	-0.01	-0.01		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.14	-0.13	-0.15	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.14	0.28	0.36	0.26	43.87	ppb
Iron	57-2	0.58	1.00	0.89	0.82	26.54	ppb
Lead	206-1	0.00	0.03	0.03	0.02	83.65	ppb
Lead	207-1	0.01	0.01	0.02	0.01	21.68	ppb
Lead	208-1	0.00	0.01	0.01	0.01	51.53	ppb
Lithium	6-1						%
Magnesium	24-2	-0.57	-0.62	-1.57	-0.92		ppb
Manganese	55-2	-0.01	-0.01	-0.01	-0.01		ppb

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 11:33:17 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.03	0.04	0.04	38.61	ppb
Molybdenum	95-1	0.05	0.02	0.03	0.03	44.52	ppb
Molybdenum	96-1	0.02	0.04	0.03	0.03	33.80	ppb
Molybdenum	97-1	0.03	0.01	0.02	0.02	58.57	ppb
Molybdenum	98-1	0.02	0.00	0.02	0.01	75.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.18	-0.22	-0.21		ppb
Phosphorus	31-2	1.97	6.46	2.04	3.49	73.68	ppb
Potassium	39-2	5.80	7.77	6.41	6.66	15.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	-0.22	0.16	-0.10		ppb
Selenium	82-1	-0.35	-0.42	-0.55	-0.44		ppb
Silicon	28-1	-0.22	-1.06	-0.30	-0.53		ppb
Silver	109-1	0.00	0.00	0.00	0.00	1891.96	ppb
Silver	107-1	0.00	0.00	0.00	0.00	18.32	ppb
Sodium	23-2	6.69	4.61	6.87	6.06	20.71	ppb
Strontium	86-1	-0.01	-0.03	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	58.24	ppb
Sulfur	34-1	-142.50	-220.00	-201.94	-188.15		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	7.21	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	20.19	ppb
Tin	118-1	-0.02	0.02	0.01	0.00	380.54	ppb
Titanium	47-1	-0.03	-0.05	-0.02	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.04	0.31	0.52	0.26	108.92	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	11.71	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:33:17	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.02	0.01	134.23	ppb

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 11:36:49 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91073.56	91534.23	91919.88	91509.22	0.46	ppb
Antimony	121-1	1.18	1.17	1.19	1.18	0.99	ppb
Arsenic	75-2	0.28	0.24	0.32	0.28	14.13	ppb
Barium	135-1	1.62	1.39	1.55	1.52	7.88	ppb
Barium	137-1	1.48	1.43	1.43	1.45	1.98	ppb
Beryllium	9-1	0.26	0.27	0.28	0.27	4.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.28	3.36	2.78	3.14	10.02	ppb
Boron	11-1	2.79	2.40	2.77	2.65	8.31	ppb
Cadmium	111-1	0.17	0.11	0.23	0.17	36.86	ppb
Cadmium	106-1	-1.71	-2.66	-1.54	-1.97		ppb
Cadmium	108-1	10.40	10.17	9.01	9.86	7.59	ppb
Calcium	43-1	94588.86	94046.81	94176.76	94270.81	0.30	ppb
Calcium	44-1	94758.98	95047.37	95105.49	94970.61	0.20	ppb
Chromium	52-2	18.85	19.19	18.86	18.96	1.02	ppb
Cobalt	59-2	1.14	1.13	1.13	1.13	0.67	ppb
Copper	63-2	7.35	7.49	7.55	7.46	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99325.90	99213.11	99919.83	99486.28	0.38	ppb
Iron	57-2	98793.09	99193.02	99542.97	99176.36	0.38	ppb
Lead	206-1	4.75	4.77	4.64	4.72	1.46	ppb
Lead	207-1	4.27	4.12	4.06	4.15	2.53	ppb
Lead	208-1	4.42	4.35	4.28	4.35	1.55	ppb
Lithium	6-1						%
Magnesium	24-2	97372.98	97574.86	98093.66	97680.50	0.38	ppb
Manganese	55-2	7.32	7.72	7.54	7.52	2.62	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:36:49	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1292.12	1300.71	1288.78	1293.87	0.48	ppb
Molybdenum	95-1	1878.43	1897.83	1900.17	1892.14	0.63	ppb
Molybdenum	96-1	1816.39	1830.41	1819.23	1822.01	0.41	ppb
Molybdenum	97-1	1901.74	1905.45	1895.89	1901.02	0.25	ppb
Molybdenum	98-1	1902.57	1923.28	1910.45	1912.10	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.05	5.04	4.88	4.99	1.86	ppb
Phosphorus	31-2	97293.36	97116.41	96424.17	96944.65	0.47	ppb
Potassium	39-2	96499.94	96663.24	96822.10	96661.76	0.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.56	0.56	0.37	86.60	ppb
Selenium	78-2	0.81	0.00	0.17	0.33	130.77	ppb
Selenium	82-1	-0.04	0.04	0.30	0.10	174.76	ppb
Silicon	28-1	18.95	19.06	18.78	18.93	0.74	ppb
Silver	109-1	0.05	0.08	0.09	0.07	24.45	ppb
Silver	107-1	0.07	0.08	0.08	0.08	10.65	ppb
Sodium	23-2	98604.75	98459.91	99085.53	98716.73	0.33	ppb
Strontium	86-1	33.43	33.06	33.42	33.30	0.63	ppb
Strontium	88-1	33.23	33.36	32.99	33.19	0.57	ppb
Sulfur	34-1	103511.00	103024.22	102796.24	103110.49	0.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.09	0.10	0.09	14.93	ppb
Thallium	205-1	0.08	0.09	0.11	0.09	12.91	ppb
Tin	118-1	0.34	0.27	0.29	0.30	11.91	ppb
Titanium	47-1	1942.03	1948.13	1946.34	1945.50	0.16	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	8.08	ppb
Vanadium	51-2	0.14	0.12	0.13	0.13	7.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.67	11.18	10.24	11.03	6.54	ppb
Zirconium	90-1	0.17	0.16	0.16	0.16	3.04	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:36:49	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.14	0.14	0.17	30.64	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:40:22	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90295.14	91594.34	91051.10	90980.19	0.72	ppb
Antimony	121-1	20.34	20.08	20.24	20.22	0.66	ppb
Arsenic	75-2	20.92	19.63	19.60	20.05	3.74	ppb
Barium	135-1	20.81	20.78	21.15	20.91	0.98	ppb
Barium	137-1	21.39	20.88	21.14	21.14	1.20	ppb
Beryllium	9-1	20.69	20.12	20.61	20.47	1.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.22	2.23	2.44	2.30	5.49	ppb
Boron	11-1	2.44	2.41	2.63	2.49	4.75	ppb
Cadmium	111-1	20.06	19.82	19.83	19.90	0.68	ppb
Cadmium	106-1	16.37	16.38	16.51	16.42	0.49	ppb
Cadmium	108-1	25.31	24.97	27.51	25.93	5.33	ppb
Calcium	43-1	93577.92	93703.52	93916.96	93732.80	0.18	ppb
Calcium	44-1	94365.79	94594.86	94876.35	94612.33	0.27	ppb
Chromium	52-2	38.62	38.12	38.63	38.46	0.75	ppb
Cobalt	59-2	20.82	20.63	20.25	20.57	1.41	ppb
Copper	63-2	26.96	26.85	26.51	26.77	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99280.84	99829.57	99015.44	99375.28	0.42	ppb
Iron	57-2	100091.26	99883.85	98869.39	99614.83	0.66	ppb
Lead	206-1	24.84	24.51	24.72	24.69	0.68	ppb
Lead	207-1	22.67	22.38	22.62	22.56	0.69	ppb
Lead	208-1	23.41	23.26	23.33	23.33	0.32	ppb
Lithium	6-1						%
Magnesium	24-2	96281.67	98087.15	96698.04	97022.28	0.97	ppb
Manganese	55-2	27.53	27.17	26.83	27.18	1.28	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:40:22	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1300.39	1286.06	1295.84	1294.10	0.57	ppb
Molybdenum	95-1	1903.49	1886.76	1900.66	1896.97	0.47	ppb
Molybdenum	96-1	1829.19	1816.32	1821.13	1822.22	0.36	ppb
Molybdenum	97-1	1903.70	1890.75	1893.29	1895.92	0.36	ppb
Molybdenum	98-1	1901.28	1896.45	1893.45	1897.06	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.38	24.66	24.44	24.49	0.61	ppb
Phosphorus	31-2	96659.27	97564.23	96657.38	96960.29	0.54	ppb
Potassium	39-2	96222.06	97157.07	96264.84	96547.99	0.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	18.70	18.63	20.30	19.21	4.94	ppb
Selenium	78-2	20.46	21.44	18.62	20.17	7.09	ppb
Selenium	82-1	20.50	20.04	20.32	20.29	1.16	ppb
Silicon	28-1	19.89	20.55	20.50	20.31	1.81	ppb
Silver	109-1	18.90	18.87	18.78	18.85	0.32	ppb
Silver	107-1	18.84	18.63	18.72	18.73	0.59	ppb
Sodium	23-2	98273.75	99671.22	97022.22	98322.40	1.35	ppb
Strontium	86-1	33.15	33.33	33.34	33.27	0.32	ppb
Strontium	88-1	33.23	33.03	32.98	33.08	0.40	ppb
Sulfur	34-1	101951.15	102078.20	103383.16	102470.83	0.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.93	19.51	19.68	19.71	1.07	ppb
Thallium	205-1	20.50	19.94	20.08	20.17	1.46	ppb
Tin	118-1	0.15	0.13	0.09	0.12	24.67	ppb
Titanium	47-1	1931.73	1929.73	1942.12	1934.53	0.34	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.52	ppb
Vanadium	51-2	19.15	19.26	19.04	19.15	0.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	30.51	29.43	30.69	30.21	2.26	ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	3.38	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:40:22	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.11	0.12	0.11	7.90	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P7
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:43:55	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50325.19	49990.03	50118.76	50144.66	0.34	ppb
Antimony	121-1	494.55	496.52	499.87	496.98	0.54	ppb
Arsenic	75-2	502.85	505.04	504.23	504.04	0.22	ppb
Barium	135-1	2551.92	2530.50	2575.78	2552.73	0.89	ppb
Barium	137-1	2558.92	2522.86	2544.94	2542.24	0.72	ppb
Beryllium	9-1	511.00	507.26	513.10	510.45	0.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	495.81	501.01	512.89	503.23	1.74	ppb
Boron	11-1	495.78	507.58	515.87	506.41	1.99	ppb
Cadmium	111-1	500.20	496.14	499.72	498.69	0.45	ppb
Cadmium	106-1	503.94	507.89	508.44	506.76	0.48	ppb
Cadmium	108-1	508.00	502.71	507.78	506.16	0.59	ppb
Calcium	43-1	248301.47	247390.22	251726.08	249139.25	0.92	ppb
Calcium	44-1	248032.16	247675.45	249094.20	248267.27	0.30	ppb
Chromium	52-2	501.70	499.25	497.70	499.55	0.40	ppb
Cobalt	59-2	483.85	481.44	484.42	483.24	0.33	ppb
Copper	63-2	939.50	941.28	936.00	938.93	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124301.96	123550.03	123646.33	123832.77	0.33	ppb
Iron	57-2	123805.46	123351.43	122865.00	123340.63	0.38	ppb
Lead	206-1	507.80	508.95	502.99	506.58	0.62	ppb
Lead	207-1	508.56	512.12	503.76	508.15	0.83	ppb
Lead	208-1	510.08	512.33	507.84	510.08	0.44	ppb
Lithium	6-1						%
Magnesium	24-2	251823.54	248716.40	248412.94	249650.96	0.76	ppb
Manganese	55-2	998.67	997.12	992.99	996.26	0.29	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P7
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:43:55	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2531.96	2533.76	2528.93	2531.55	0.10	ppb
Molybdenum	95-1	2538.60	2539.81	2536.49	2538.30	0.07	ppb
Molybdenum	96-1	2533.62	2533.40	2513.69	2526.90	0.45	ppb
Molybdenum	97-1	2543.75	2526.12	2513.41	2527.76	0.60	ppb
Molybdenum	98-1	2532.46	2535.50	2521.26	2529.74	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.50	480.60	480.10	480.73	0.15	ppb
Phosphorus	31-2	10152.13	10333.68	10491.24	10325.68	1.64	ppb
Potassium	39-2	126365.46	125706.89	126264.94	126112.43	0.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	482.40	519.18	506.95	502.84	3.73	ppb
Selenium	78-2	502.36	512.89	505.16	506.81	1.08	ppb
Selenium	82-1	494.39	495.69	492.80	494.29	0.29	ppb
Silicon	28-1	496.21	504.47	513.14	504.61	1.68	ppb
Silver	109-1	494.37	490.40	499.02	494.60	0.87	ppb
Silver	107-1	488.18	491.54	493.39	491.03	0.54	ppb
Sodium	23-2	251545.51	250132.13	248509.96	250062.53	0.61	ppb
Strontium	86-1	523.13	516.62	515.68	518.47	0.78	ppb
Strontium	88-1	521.69	521.33	519.75	520.92	0.20	ppb
Sulfur	34-1	10254.81	10168.34	10225.93	10216.36	0.43	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	507.90	509.50	505.67	507.69	0.38	ppb
Thallium	205-1	515.97	516.76	510.74	514.49	0.64	ppb
Tin	118-1	507.65	503.04	508.70	506.46	0.59	ppb
Titanium	47-1	2529.06	2516.64	2529.70	2525.13	0.29	ppb
Uranium	238-1	522.44	526.74	521.64	523.61	0.52	ppb
Vanadium	51-2	503.60	499.17	502.13	501.63	0.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	951.88	950.12	947.74	949.91	0.22	ppb
Zirconium	90-1	512.30	510.06	510.20	510.85	0.25	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P7
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:43:55	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	508.79	506.22	509.89	508.30	0.37	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:03:03	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.84	20.25	20.42	19.84	4.38	ppb
Antimony	121-1	1.90	1.90	1.93	1.91	0.84	ppb
Arsenic	75-2	0.95	0.80	0.91	0.89	8.88	ppb
Barium	135-1	9.16	8.75	8.97	8.96	2.32	ppb
Barium	137-1	8.98	8.82	8.98	8.92	1.02	ppb
Beryllium	9-1	0.89	0.95	0.71	0.85	14.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.36	24.14	23.03	23.17	3.87	ppb
Boron	11-1	21.67	23.18	23.26	22.70	3.96	ppb
Cadmium	111-1	0.83	0.87	0.79	0.83	4.70	ppb
Cadmium	106-1	-0.54	-0.50	-1.45	-0.83		ppb
Cadmium	108-1	0.94	0.87	0.94	0.91	4.30	ppb
Calcium	43-1	454.14	444.23	430.86	443.08	2.64	ppb
Calcium	44-1	438.22	438.44	434.36	437.01	0.53	ppb
Chromium	52-2	1.91	1.89	1.95	1.92	1.61	ppb
Cobalt	59-2	0.92	0.88	0.94	0.92	3.72	ppb
Copper	63-2	1.62	1.64	1.66	1.64	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.19	48.36	47.65	48.07	0.77	ppb
Iron	57-2	47.58	49.52	46.71	47.93	3.00	ppb
Lead	206-1	0.93	0.93	0.93	0.93	0.29	ppb
Lead	207-1	0.96	0.89	0.95	0.93	4.04	ppb
Lead	208-1	0.94	0.91	0.92	0.92	1.35	ppb
Lithium	6-1						%
Magnesium	24-2	466.97	455.10	459.98	460.68	1.29	ppb
Manganese	55-2	0.90	0.90	0.93	0.91	1.93	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:03:03	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.55	4.50	4.38	4.47	2.00	ppb
Molybdenum	95-1	4.51	4.47	4.37	4.45	1.52	ppb
Molybdenum	96-1	4.44	4.41	4.55	4.47	1.64	ppb
Molybdenum	97-1	4.31	4.28	4.21	4.27	1.24	ppb
Molybdenum	98-1	4.59	4.36	4.46	4.47	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.85	0.76	0.79	6.65	ppb
Phosphorus	31-2	-2.95	-5.00	1.18	-2.25		ppb
Potassium	39-2	455.76	462.06	468.20	462.01	1.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.89	3.89	4.41	4.06	7.42	ppb
Selenium	78-2	5.67	5.69	5.53	5.63	1.61	ppb
Selenium	82-1	4.91	5.07	5.26	5.08	3.48	ppb
Silicon	28-1	11.01	11.86	10.99	11.29	4.40	ppb
Silver	109-1	1.00	0.99	0.90	0.96	6.06	ppb
Silver	107-1	0.90	0.97	0.98	0.95	4.65	ppb
Sodium	23-2	478.60	476.75	479.30	478.22	0.28	ppb
Strontium	86-1	0.88	0.87	0.87	0.87	0.94	ppb
Strontium	88-1	0.91	0.90	0.88	0.90	1.67	ppb
Sulfur	34-1	-449.38	-382.35	-463.50	-431.74		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.92	0.88	0.93	0.91	2.98	ppb
Thallium	205-1	0.89	0.91	0.88	0.89	1.33	ppb
Tin	118-1	4.46	4.58	4.52	4.52	1.39	ppb
Titanium	47-1	4.85	4.33	4.19	4.46	7.77	ppb
Uranium	238-1	0.84	0.84	0.82	0.83	1.30	ppb
Vanadium	51-2	4.49	4.54	4.38	4.47	1.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.22	2.50	2.46	2.39	6.25	ppb
Zirconium	90-1	0.89	0.90	0.86	0.89	2.38	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:03:03	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.98	0.92	0.91	0.94	3.52	ppb

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : CCB37 Instrumnet Name : P7
 Client Sample ID : CCB37 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 12:06:34 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.70	0.17	0.91	0.60	63.79	ppb
Antimony	121-1	0.07	0.07	0.09	0.08	13.49	ppb
Arsenic	75-2	-0.02	-0.03	-0.02	-0.02		ppb
Barium	135-1	-0.05	-0.06	-0.04	-0.05		ppb
Barium	137-1	0.00	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.02	0.02	-0.02	0.01	378.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.00	1.83	2.12	1.98	7.51	ppb
Boron	11-1	1.85	1.74	1.82	1.80	3.30	ppb
Cadmium	111-1	-0.08	-0.13	-0.10	-0.10		ppb
Cadmium	106-1	-1.01	-1.85	-1.38	-1.42		ppb
Cadmium	108-1	-0.05	-0.08	-0.03	-0.05		ppb
Calcium	43-1	-0.98	1.51	3.31	1.28	168.41	ppb
Calcium	44-1	-0.30	-0.62	-4.14	-1.69		ppb
Chromium	52-2	-0.03	0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	-0.16	-0.21	-0.18	-0.19		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.49	0.52	0.45	0.49	7.60	ppb
Iron	57-2	1.02	0.52	0.53	0.69	42.04	ppb
Lead	206-1	0.04	0.04	0.06	0.04	24.32	ppb
Lead	207-1	0.02	0.03	0.02	0.02	37.64	ppb
Lead	208-1	0.01	0.02	0.03	0.02	45.10	ppb
Lithium	6-1						%
Magnesium	24-2	-0.53	-0.89	0.38	-0.35		ppb
Manganese	55-2	-0.01	-0.04	-0.03	-0.03		ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P7
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:06:34	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.05	0.05	4.67	ppb
Molybdenum	95-1	0.08	0.07	0.07	0.07	7.08	ppb
Molybdenum	96-1	0.06	0.05	0.07	0.06	12.56	ppb
Molybdenum	97-1	0.03	0.05	0.02	0.04	38.87	ppb
Molybdenum	98-1	0.03	0.06	0.04	0.04	26.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.32	-0.29	-0.21	-0.28		ppb
Phosphorus	31-2	3.66	-2.81	-11.26	-3.47		ppb
Potassium	39-2	12.53	11.27	8.95	10.92	16.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.29	0.16	1.45	0.44	205.56	ppb
Selenium	82-1	-0.06	0.37	0.00	0.10	224.33	ppb
Silicon	28-1	-0.43	-0.75	-0.30	-0.49		ppb
Silver	109-1	0.00	0.01	0.01	0.01	26.97	ppb
Silver	107-1	0.01	0.01	0.01	0.01	36.67	ppb
Sodium	23-2	13.36	12.10	11.38	12.28	8.16	ppb
Strontium	86-1	-0.03	-0.02	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-392.18	-441.88	-481.10	-438.39		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.01	66.82	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	38.73	ppb
Tin	118-1	0.03	0.05	0.01	0.03	71.34	ppb
Titanium	47-1	0.05	0.02	0.08	0.05	60.52	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.29	0.09	0.47	0.29	66.70	ppb
Zirconium	90-1	0.04	0.02	0.05	0.04	37.32	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P7
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:06:34	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.01	58.56	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:10:05	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.32	19.11	19.35	18.93	2.85	ppb
Antimony	121-1	1.83	1.80	1.90	1.84	2.72	ppb
Arsenic	75-2	1.00	0.93	0.89	0.94	5.82	ppb
Barium	135-1	9.00	8.81	8.89	8.90	1.10	ppb
Barium	137-1	8.96	9.10	9.09	9.05	0.84	ppb
Beryllium	9-1	0.92	0.96	0.90	0.93	3.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.05	21.95	22.18	22.06	0.54	ppb
Boron	11-1	21.65	22.49	22.44	22.19	2.11	ppb
Cadmium	111-1	0.87	0.93	0.77	0.86	9.53	ppb
Cadmium	106-1	-0.48	1.23	-0.25	0.17	558.51	ppb
Cadmium	108-1	0.84	1.14	1.00	0.99	14.78	ppb
Calcium	43-1	436.05	410.63	443.90	430.19	4.04	ppb
Calcium	44-1	431.18	432.85	430.92	431.65	0.24	ppb
Chromium	52-2	1.90	1.99	1.96	1.95	2.53	ppb
Cobalt	59-2	0.88	0.89	0.90	0.89	0.81	ppb
Copper	63-2	1.67	1.69	1.66	1.67	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.23	47.66	48.18	47.69	1.00	ppb
Iron	57-2	47.47	45.94	46.98	46.79	1.66	ppb
Lead	206-1	0.94	0.91	0.91	0.92	1.59	ppb
Lead	207-1	0.93	0.98	0.96	0.95	2.60	ppb
Lead	208-1	0.89	0.92	0.92	0.91	1.98	ppb
Lithium	6-1						%
Magnesium	24-2	466.96	457.11	466.13	463.40	1.18	ppb
Manganese	55-2	0.93	0.87	0.93	0.91	3.58	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:10:05	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.49	4.39	4.27	4.38	2.54	ppb
Molybdenum	95-1	4.57	4.45	4.52	4.51	1.33	ppb
Molybdenum	96-1	4.55	4.53	4.38	4.49	2.06	ppb
Molybdenum	97-1	4.35	4.49	4.38	4.41	1.71	ppb
Molybdenum	98-1	4.45	4.28	4.39	4.37	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.78	0.76	0.76	3.46	ppb
Phosphorus	31-2	5.64	20.62	11.80	12.69	59.33	ppb
Potassium	39-2	460.66	467.13	458.48	462.09	0.97	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.70	3.95	3.91	4.85	32.97	ppb
Selenium	78-2	5.45	6.55	5.46	5.82	10.83	ppb
Selenium	82-1	5.16	4.69	4.62	4.83	6.10	ppb
Silicon	28-1	11.42	11.22	10.83	11.16	2.73	ppb
Silver	109-1	0.94	0.96	0.96	0.95	1.15	ppb
Silver	107-1	0.98	0.95	0.93	0.95	2.50	ppb
Sodium	23-2	479.40	472.29	478.31	476.67	0.80	ppb
Strontium	86-1	0.83	0.89	0.93	0.88	5.80	ppb
Strontium	88-1	0.93	0.92	0.91	0.92	0.68	ppb
Sulfur	34-1	-452.81	-530.10	-363.26	-448.72		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.88	0.91	0.87	0.89	2.08	ppb
Thallium	205-1	0.89	0.90	0.87	0.89	1.81	ppb
Tin	118-1	4.55	4.57	4.43	4.52	1.69	ppb
Titanium	47-1	3.92	4.46	4.51	4.30	7.68	ppb
Uranium	238-1	0.83	0.83	0.83	0.83	0.17	ppb
Vanadium	51-2	4.42	4.56	4.39	4.46	1.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.58	1.91	1.65	2.04	23.43	ppb
Zirconium	90-1	0.86	0.83	0.88	0.86	2.44	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:10:05	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.90	0.87	0.85	0.88	2.93	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02	Instrumnet Name :	P7
Client Sample ID :	MH0QB6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:13:37	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6734.63	6807.58	6744.55	6762.25	0.59	ppb
Antimony	121-1	9.73	9.83	9.80	9.79	0.54	ppb
Arsenic	75-2	39.42	39.87	39.11	39.47	0.97	ppb
Barium	135-1	383.37	386.20	381.72	383.77	0.59	ppb
Barium	137-1	388.94	388.41	384.26	387.20	0.66	ppb
Beryllium	9-1	0.79	0.83	0.90	0.84	6.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	123.47	128.95	127.64	126.69	2.26	ppb
Boron	11-1	125.69	130.27	127.95	127.97	1.79	ppb
Cadmium	111-1	8.69	8.82	8.52	8.68	1.76	ppb
Cadmium	106-1	7.18	7.19	7.14	7.17	0.37	ppb
Cadmium	108-1	9.15	9.41	9.61	9.39	2.45	ppb
Calcium	43-1	149024.85	148811.25	146854.64	148230.25	0.81	ppb
Calcium	44-1	149076.38	148743.96	148377.30	148732.55	0.24	ppb
Chromium	52-2	73.79	75.33	74.44	74.52	1.04	ppb
Cobalt	59-2	8.40	8.39	8.53	8.44	0.97	ppb
Copper	63-2	331.80	335.85	333.77	333.81	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	20281.59	20632.12	20395.36	20436.36	0.88	ppb
Iron	57-2	20014.35	20390.66	20008.62	20137.88	1.09	ppb
Lead	206-1	2741.68	2728.20	2717.92	2729.27	0.44	ppb
Lead	207-1	2590.09	2599.82	2597.92	2595.94	0.20	ppb
Lead	208-1	2644.59	2648.98	2650.12	2647.90	0.11	ppb
Lithium	6-1						%
Magnesium	24-2	13588.38	13854.53	13611.83	13684.91	1.08	ppb
Manganese	55-2	1271.78	1293.30	1280.26	1281.78	0.85	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02	Instrumnet Name :	P7
Client Sample ID :	MH0QB6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:13:37	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.00	3.85	3.72	3.86	3.66	ppb
Molybdenum	95-1	4.53	4.65	4.71	4.63	1.94	ppb
Molybdenum	96-1	4.52	4.65	4.62	4.60	1.49	ppb
Molybdenum	97-1	4.37	4.65	4.50	4.51	3.16	ppb
Molybdenum	98-1	4.56	4.60	4.67	4.61	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.69	29.92	29.49	29.36	2.13	ppb
Phosphorus	31-2	9081.23	9271.61	9176.08	9176.31	1.04	ppb
Potassium	39-2	21679.23	21924.03	21773.45	21792.24	0.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	14.19	12.61	13.08	13.30	6.11	ppb
Selenium	78-2	3.42	4.88	4.16	4.15	17.50	ppb
Selenium	82-1	3.10	2.80	2.93	2.94	5.03	ppb
Silicon	28-1	2103.29	2102.34	2087.96	2097.87	0.41	ppb
Silver	109-1	5.39	5.45	5.35	5.40	0.97	ppb
Silver	107-1	5.27	5.31	5.26	5.28	0.53	ppb
Sodium	23-2	18204.57	18467.71	18081.61	18251.30	1.08	ppb
Strontium	86-1	857.64	856.88	853.77	856.10	0.24	ppb
Strontium	88-1	857.74	861.17	863.16	860.69	0.32	ppb
Sulfur	34-1	46035.71	45808.81	45382.22	45742.24	0.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.25	0.25	0.26	0.25	2.82	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	1.38	ppb
Tin	118-1	7.07	7.28	6.98	7.11	2.15	ppb
Titanium	47-1	14.50	14.99	15.53	15.01	3.44	ppb
Uranium	238-1	1.47	1.46	1.43	1.45	1.62	ppb
Vanadium	51-2	31.21	31.72	31.38	31.44	0.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2519.47	2554.96	2528.47	2534.30	0.73	ppb
Zirconium	90-1	0.53	0.44	0.41	0.46	14.15	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02	Instrumnet Name :	P7
Client Sample ID :	MH0QB6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:13:37	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.54	0.57	0.47	0.52	9.41	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-03	Instrumnet Name :	P7
Client Sample ID :	MH0QB6D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:17:08	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6938.38	6938.00	6865.20	6913.86	0.61	ppb
Antimony	121-1	9.58	9.85	9.72	9.71	1.39	ppb
Arsenic	75-2	39.14	38.64	39.38	39.05	0.96	ppb
Barium	135-1	379.10	380.42	381.62	380.38	0.33	ppb
Barium	137-1	388.55	384.10	386.16	386.27	0.58	ppb
Beryllium	9-1	0.86	0.79	0.90	0.85	6.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	131.33	127.94	130.14	129.80	1.32	ppb
Boron	11-1	131.40	134.12	135.05	133.53	1.42	ppb
Cadmium	111-1	8.95	8.77	8.51	8.75	2.56	ppb
Cadmium	106-1	7.56	7.53	7.51	7.54	0.34	ppb
Cadmium	108-1	9.25	9.03	9.46	9.25	2.30	ppb
Calcium	43-1	148880.99	149814.23	150570.40	149755.20	0.57	ppb
Calcium	44-1	150039.46	150778.12	150534.18	150450.59	0.25	ppb
Chromium	52-2	76.08	76.26	75.99	76.11	0.18	ppb
Cobalt	59-2	8.61	8.60	8.45	8.55	1.03	ppb
Copper	63-2	334.43	335.54	334.83	334.93	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21093.56	21003.25	20931.15	21009.32	0.39	ppb
Iron	57-2	20587.80	20652.62	20622.11	20620.84	0.16	ppb
Lead	206-1	2717.46	2728.24	2726.93	2724.21	0.22	ppb
Lead	207-1	2580.03	2597.55	2589.31	2588.96	0.34	ppb
Lead	208-1	2634.09	2644.45	2639.03	2639.19	0.20	ppb
Lithium	6-1						%
Magnesium	24-2	13995.43	13789.67	13840.95	13875.35	0.77	ppb
Manganese	55-2	1319.60	1310.48	1318.41	1316.17	0.38	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-03	Instrumnet Name :	P7
Client Sample ID :	MH0QB6D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:17:08	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.66	3.58	3.47	3.57	2.75	ppb
Molybdenum	95-1	4.85	4.50	4.48	4.61	4.54	ppb
Molybdenum	96-1	4.41	4.48	4.43	4.44	0.81	ppb
Molybdenum	97-1	4.55	4.62	4.48	4.55	1.54	ppb
Molybdenum	98-1	4.60	4.48	4.68	4.58	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.73	30.51	30.31	30.51	0.70	ppb
Phosphorus	31-2	9375.08	9214.48	9215.19	9268.25	1.00	ppb
Potassium	39-2	21976.03	21728.72	21781.89	21828.88	0.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	9.62	12.37	7.99	9.99	22.15	ppb
Selenium	78-2	4.40	3.48	4.28	4.05	12.38	ppb
Selenium	82-1	3.19	3.08	3.05	3.11	2.39	ppb
Silicon	28-1	2185.02	2207.82	2200.63	2197.82	0.53	ppb
Silver	109-1	5.37	5.40	5.50	5.42	1.26	ppb
Silver	107-1	5.36	5.25	5.29	5.30	1.11	ppb
Sodium	23-2	18488.41	18358.08	18406.98	18417.82	0.36	ppb
Strontium	86-1	860.76	857.35	862.99	860.37	0.33	ppb
Strontium	88-1	860.78	868.05	868.36	865.73	0.50	ppb
Sulfur	34-1	45461.89	46111.26	46261.04	45944.73	0.92	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.25	0.24	0.22	0.24	6.11	ppb
Thallium	205-1	0.23	0.25	0.22	0.23	5.99	ppb
Tin	118-1	7.58	7.63	7.57	7.60	0.43	ppb
Titanium	47-1	17.06	19.80	15.98	17.61	11.17	ppb
Uranium	238-1	1.51	1.50	1.49	1.50	0.79	ppb
Vanadium	51-2	32.40	32.50	31.94	32.28	0.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2576.79	2568.47	2558.16	2567.81	0.36	ppb
Zirconium	90-1	0.21	0.21	0.23	0.22	6.65	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-03	Instrumnet Name :	P7
Client Sample ID :	MH0QB6D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:17:08	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.25	0.22	0.24	5.79	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02LX5	Instrumnet Name :	P7
Client Sample ID :	MH0QB6L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 12:20:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1377.48	1393.40	1372.33	1381.07	0.80	ppb
Antimony	121-1	2.02	2.03	1.96	2.01	1.89	ppb
Arsenic	75-2	8.34	7.77	7.93	8.01	3.65	ppb
Barium	135-1	77.92	76.64	77.07	77.21	0.84	ppb
Barium	137-1	78.93	77.75	77.60	78.10	0.93	ppb
Beryllium	9-1	0.17	0.19	0.15	0.17	11.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	32.21	30.43	29.26	30.63	4.86	ppb
Boron	11-1	29.90	29.98	29.42	29.77	1.02	ppb
Cadmium	111-1	1.67	1.63	1.76	1.69	3.90	ppb
Cadmium	106-1	-0.30	-0.01	1.23	0.31	262.31	ppb
Cadmium	108-1	1.94	1.50	1.50	1.65	15.50	ppb
Calcium	43-1	29966.49	29414.46	29791.86	29724.27	0.95	ppb
Calcium	44-1	30261.76	30185.70	30110.90	30186.12	0.25	ppb
Chromium	52-2	15.31	15.52	15.33	15.39	0.75	ppb
Cobalt	59-2	1.71	1.74	1.76	1.73	1.50	ppb
Copper	63-2	69.40	69.88	69.36	69.55	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4205.63	4226.59	4133.73	4188.65	1.16	ppb
Iron	57-2	4116.35	4145.53	4049.83	4103.90	1.20	ppb
Lead	206-1	552.97	540.42	544.90	546.10	1.16	ppb
Lead	207-1	514.45	508.22	508.23	510.30	0.70	ppb
Lead	208-1	532.89	527.72	529.29	529.97	0.50	ppb
Lithium	6-1						%
Magnesium	24-2	2787.60	2779.57	2709.39	2758.85	1.56	ppb
Manganese	55-2	261.72	261.70	259.10	260.84	0.58	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02LX5	Instrumnet Name :	P7
Client Sample ID :	MH0QB6L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 12:20:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.68	0.76	0.68	0.71	6.13	ppb
Molybdenum	95-1	0.86	0.99	1.03	0.96	9.24	ppb
Molybdenum	96-1	0.96	0.94	0.95	0.95	1.35	ppb
Molybdenum	97-1	1.01	1.02	0.89	0.97	7.22	ppb
Molybdenum	98-1	0.99	0.96	0.97	0.97	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.00	5.71	6.14	5.95	3.65	ppb
Phosphorus	31-2	1912.94	1831.63	1784.29	1842.96	3.53	ppb
Potassium	39-2	4391.22	4425.28	4350.99	4389.16	0.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.26	2.77	3.92	2.98	28.59	ppb
Selenium	78-2	1.58	1.96	1.10	1.55	27.82	ppb
Selenium	82-1	0.01	0.19	0.23	0.15	81.77	ppb
Silicon	28-1	438.48	432.42	431.26	434.06	0.89	ppb
Silver	109-1	1.24	1.19	1.23	1.22	2.16	ppb
Silver	107-1	1.14	1.17	1.15	1.15	1.18	ppb
Sodium	23-2	3707.37	3743.74	3669.28	3706.80	1.00	ppb
Strontium	86-1	176.51	176.11	174.82	175.81	0.50	ppb
Strontium	88-1	177.33	177.20	176.20	176.91	0.35	ppb
Sulfur	34-1	8425.86	8326.21	8433.62	8395.23	0.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.04	0.06	0.05	24.82	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	4.27	ppb
Tin	118-1	1.42	1.41	1.48	1.44	2.40	ppb
Titanium	47-1	3.00	2.70	2.98	2.90	5.78	ppb
Uranium	238-1	0.28	0.28	0.29	0.28	0.61	ppb
Vanadium	51-2	6.36	6.50	6.39	6.42	1.10	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	527.40	531.74	528.75	529.29	0.42	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	11.33	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02LX5	Instrumnet Name :	P7
Client Sample ID :	MH0QB6L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 12:20:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.05	0.05	11.55	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-04	Instrumnet Name :	P7
Client Sample ID :	MH0QB6S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:24:12	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7274.18	7232.49	7281.72	7262.79	0.37	ppb
Antimony	121-1	29.84	29.77	29.62	29.74	0.38	ppb
Arsenic	75-2	48.26	46.54	46.65	47.15	2.04	ppb
Barium	135-1	783.21	777.77	781.32	780.77	0.35	ppb
Barium	137-1	797.98	792.72	793.19	794.63	0.37	ppb
Beryllium	9-1	10.99	10.69	11.55	11.07	3.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	125.54	128.26	128.38	127.39	1.26	ppb
Boron	11-1	129.46	132.23	134.24	131.98	1.82	ppb
Cadmium	111-1	18.75	18.68	19.12	18.85	1.26	ppb
Cadmium	106-1	16.86	16.41	16.92	16.73	1.66	ppb
Cadmium	108-1	18.56	18.25	18.99	18.60	1.98	ppb
Calcium	43-1	148621.27	148661.62	149361.97	148881.62	0.28	ppb
Calcium	44-1	150110.72	148795.83	149940.26	149615.60	0.48	ppb
Chromium	52-2	118.09	117.65	117.84	117.86	0.19	ppb
Cobalt	59-2	113.50	113.99	113.13	113.54	0.38	ppb
Copper	63-2	384.06	385.05	384.60	384.57	0.13	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21168.65	21335.05	21215.27	21239.66	0.40	ppb
Iron	57-2	20818.29	20744.18	20946.47	20836.31	0.49	ppb
Lead	206-1	2712.24	2730.19	2759.54	2733.99	0.87	ppb
Lead	207-1	2563.14	2585.18	2619.34	2589.22	1.09	ppb
Lead	208-1	2618.43	2628.02	2666.59	2637.68	0.97	ppb
Lithium	6-1						%
Magnesium	24-2	13668.65	13771.62	13768.30	13736.19	0.43	ppb
Manganese	55-2	1417.19	1417.09	1420.70	1418.33	0.15	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-04	Instrumnet Name :	P7
Client Sample ID :	MH0QB6S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:24:12	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.70	3.49	3.61	3.60	2.89	ppb
Molybdenum	95-1	4.72	4.78	4.60	4.70	1.85	ppb
Molybdenum	96-1	4.66	4.58	4.63	4.62	0.90	ppb
Molybdenum	97-1	4.59	4.39	4.48	4.49	2.23	ppb
Molybdenum	98-1	4.56	4.45	4.61	4.54	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.34	135.19	135.89	135.47	0.27	ppb
Phosphorus	31-2	9002.08	9185.90	9021.65	9069.88	1.11	ppb
Potassium	39-2	21407.26	21737.53	21574.65	21573.14	0.77	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	34.10	30.91	31.95	32.32	5.04	ppb
Selenium	78-2	26.71	25.26	27.16	26.38	3.77	ppb
Selenium	82-1	23.96	23.19	23.20	23.45	1.88	ppb
Silicon	28-1	2190.97	2191.47	2208.30	2196.91	0.45	ppb
Silver	109-1	15.51	15.46	15.46	15.48	0.20	ppb
Silver	107-1	15.20	15.21	15.44	15.29	0.88	ppb
Sodium	23-2	18118.19	18124.67	18236.94	18159.93	0.37	ppb
Strontium	86-1	859.69	847.87	852.19	853.25	0.70	ppb
Strontium	88-1	858.44	858.64	862.46	859.85	0.26	ppb
Sulfur	34-1	45538.36	45440.07	45846.03	45608.15	0.46	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	9.97	9.99	10.24	10.07	1.49	ppb
Thallium	205-1	10.22	10.23	10.32	10.26	0.53	ppb
Tin	118-1	7.82	7.82	7.86	7.83	0.33	ppb
Titanium	47-1	16.65	17.45	16.65	16.91	2.72	ppb
Uranium	238-1	1.50	1.49	1.51	1.50	0.61	ppb
Vanadium	51-2	135.51	135.14	136.44	135.70	0.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2652.40	2650.75	2666.56	2656.57	0.33	ppb
Zirconium	90-1	0.19	0.23	0.17	0.20	15.05	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-04	Instrumnet Name :	P7
Client Sample ID :	MH0QB6S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:24:12	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.21	0.19	0.19	14.40	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:27:44	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	321.72	335.22	327.34	328.09	2.07	ppb
Antimony	121-1	0.46	0.51	0.52	0.50	5.93	ppb
Arsenic	75-2	1.99	1.84	1.90	1.91	3.91	ppb
Barium	135-1	18.11	18.01	18.08	18.07	0.28	ppb
Barium	137-1	18.31	18.53	18.26	18.36	0.78	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	13.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.20	9.93	11.10	10.41	5.91	ppb
Boron	11-1	10.41	10.44	10.63	10.49	1.13	ppb
Cadmium	111-1	0.29	0.30	0.31	0.30	4.41	ppb
Cadmium	106-1	-1.28	-0.77	-1.19	-1.08		ppb
Cadmium	108-1	0.45	0.48	0.38	0.44	11.97	ppb
Calcium	43-1	7027.84	7013.76	7065.36	7035.66	0.38	ppb
Calcium	44-1	7086.31	7092.73	7097.95	7092.33	0.08	ppb
Chromium	52-2	3.54	3.51	3.54	3.53	0.38	ppb
Cobalt	59-2	0.35	0.38	0.38	0.37	4.58	ppb
Copper	63-2	16.56	16.37	16.41	16.45	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	981.62	981.42	980.74	981.26	0.05	ppb
Iron	57-2	989.34	970.22	976.18	978.58	1.00	ppb
Lead	206-1	127.85	128.52	127.89	128.08	0.29	ppb
Lead	207-1	120.33	120.50	120.70	120.51	0.15	ppb
Lead	208-1	122.75	122.86	122.68	122.76	0.07	ppb
Lithium	6-1						%
Magnesium	24-2	644.98	661.40	660.68	655.69	1.41	ppb
Manganese	55-2	61.56	62.65	61.31	61.84	1.15	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:27:44	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.17	0.18	0.17	6.73	ppb
Molybdenum	95-1	0.23	0.23	0.26	0.24	7.20	ppb
Molybdenum	96-1	0.28	0.24	0.27	0.26	8.52	ppb
Molybdenum	97-1	0.22	0.27	0.19	0.23	17.27	ppb
Molybdenum	98-1	0.22	0.23	0.22	0.22	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.14	1.27	1.21	5.31	ppb
Phosphorus	31-2	478.46	486.83	412.50	459.26	8.86	ppb
Potassium	39-2	1035.25	1058.20	1039.64	1044.36	1.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.58	1.76	0.78	114.80	ppb
Selenium	78-2	0.12	0.87	-0.44	0.18	364.01	ppb
Selenium	82-1	0.12	0.36	-0.54	-0.02		ppb
Silicon	28-1	103.09	103.56	100.69	102.45	1.50	ppb
Silver	109-1	0.31	0.32	0.34	0.32	4.17	ppb
Silver	107-1	0.31	0.33	0.32	0.32	3.53	ppb
Sodium	23-2	899.25	903.30	899.15	900.57	0.26	ppb
Strontium	86-1	41.69	41.23	41.63	41.52	0.61	ppb
Strontium	88-1	41.36	41.32	41.16	41.28	0.26	ppb
Sulfur	34-1	1445.39	1334.41	1398.32	1392.71	4.00	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	8.63	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.18	ppb
Tin	118-1	0.33	0.38	0.33	0.35	8.36	ppb
Titanium	47-1	0.61	0.87	0.75	0.74	17.33	ppb
Uranium	238-1	0.07	0.07	0.06	0.07	8.08	ppb
Vanadium	51-2	1.50	1.56	1.48	1.51	2.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	127.61	124.94	124.89	125.81	1.24	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	27.70	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:27:44	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.00	256.42	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:31:17	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	358.19	350.40	352.72	353.77	1.13	ppb
Antimony	121-1	0.49	0.53	0.55	0.52	6.24	ppb
Arsenic	75-2	2.16	2.12	1.99	2.09	4.33	ppb
Barium	135-1	19.06	18.86	18.96	18.96	0.52	ppb
Barium	137-1	19.04	19.11	19.29	19.15	0.69	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	45.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.18	9.05	8.57	8.60	5.08	ppb
Boron	11-1	8.87	9.46	9.73	9.35	4.72	ppb
Cadmium	111-1	0.40	0.39	0.42	0.40	3.08	ppb
Cadmium	106-1	-0.50	-0.69	-0.34	-0.51		ppb
Cadmium	108-1	0.71	0.58	0.54	0.61	14.53	ppb
Calcium	43-1	7380.03	7406.54	7409.27	7398.61	0.22	ppb
Calcium	44-1	7476.58	7526.58	7523.13	7508.76	0.37	ppb
Chromium	52-2	3.90	3.87	3.94	3.91	0.89	ppb
Cobalt	59-2	0.44	0.41	0.43	0.42	3.17	ppb
Copper	63-2	17.01	16.91	17.32	17.08	1.25	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1046.68	1039.74	1046.39	1044.27	0.38	ppb
Iron	57-2	1044.97	1059.38	1050.05	1051.47	0.70	ppb
Lead	206-1	134.78	133.42	132.98	133.72	0.70	ppb
Lead	207-1	125.45	125.80	126.12	125.79	0.27	ppb
Lead	208-1	128.21	128.23	129.06	128.50	0.38	ppb
Lithium	6-1						%
Magnesium	24-2	702.16	697.01	696.41	698.52	0.45	ppb
Manganese	55-2	65.91	65.92	66.36	66.06	0.39	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:31:17	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.23	0.20	0.21	7.10	ppb
Molybdenum	95-1	0.25	0.23	0.24	0.24	4.48	ppb
Molybdenum	96-1	0.23	0.25	0.26	0.25	5.85	ppb
Molybdenum	97-1	0.25	0.21	0.22	0.23	8.24	ppb
Molybdenum	98-1	0.24	0.23	0.23	0.24	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.33	1.10	1.36	1.26	11.40	ppb
Phosphorus	31-2	452.90	425.61	380.37	419.62	8.73	ppb
Potassium	39-2	1098.34	1089.03	1094.40	1093.92	0.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.58	0.58	0.39	86.60	ppb
Selenium	78-2	0.12	-0.27	0.30	0.05	564.24	ppb
Selenium	82-1	-0.15	-0.08	0.15	-0.02		ppb
Silicon	28-1	112.09	109.83	111.74	111.22	1.09	ppb
Silver	109-1	0.30	0.31	0.29	0.30	2.79	ppb
Silver	107-1	0.30	0.30	0.31	0.30	2.03	ppb
Sodium	23-2	931.56	943.81	931.70	935.69	0.75	ppb
Strontium	86-1	44.15	44.28	43.80	44.08	0.56	ppb
Strontium	88-1	43.98	43.84	43.71	43.84	0.31	ppb
Sulfur	34-1	1643.99	1665.67	1656.82	1655.49	0.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	30.60	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	5.04	ppb
Tin	118-1	0.42	0.39	0.44	0.42	5.85	ppb
Titanium	47-1	0.78	0.81	0.86	0.81	4.77	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	5.81	ppb
Vanadium	51-2	1.67	1.53	1.60	1.60	4.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	132.07	131.99	132.87	132.31	0.37	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	37.87	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:31:17	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.03	-0.01	0.00	623.47	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02LDLX100	Instrumnet Name :	P7
Client Sample ID :	MH0QB6L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-14 12:34:49	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66.05	63.50	62.42	63.99	2.91	ppb
Antimony	121-1	0.09	0.12	0.11	0.11	12.44	ppb
Arsenic	75-2	0.36	0.28	0.34	0.33	12.13	ppb
Barium	135-1	3.57	3.55	3.57	3.57	0.37	ppb
Barium	137-1	3.57	3.66	3.72	3.65	2.01	ppb
Beryllium	9-1	-0.03	0.01	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.04	3.05	3.27	3.12	4.09	ppb
Boron	11-1	3.34	3.12	3.09	3.19	4.34	ppb
Cadmium	111-1	-0.02	0.03	0.01	0.01	270.56	ppb
Cadmium	106-1	-1.39	-0.51	-0.84	-0.91		ppb
Cadmium	108-1	0.00	0.05	0.03	0.03	99.29	ppb
Calcium	43-1	1376.51	1389.76	1375.24	1380.50	0.58	ppb
Calcium	44-1	1395.67	1411.15	1404.95	1403.92	0.55	ppb
Chromium	52-2	0.70	0.75	0.64	0.70	8.34	ppb
Cobalt	59-2	0.06	0.08	0.06	0.07	12.00	ppb
Copper	63-2	3.22	3.20	3.14	3.19	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	194.35	191.64	194.12	193.37	0.78	ppb
Iron	57-2	196.64	196.27	202.98	198.63	1.90	ppb
Lead	206-1	25.59	25.02	25.07	25.23	1.26	ppb
Lead	207-1	23.83	23.47	23.84	23.71	0.89	ppb
Lead	208-1	24.52	24.11	24.21	24.28	0.89	ppb
Lithium	6-1						%
Magnesium	24-2	132.85	130.10	122.83	128.59	4.02	ppb
Manganese	55-2	12.21	11.97	12.25	12.15	1.23	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02LDLX100	Instrumnet Name :	P7
Client Sample ID :	MH0QB6L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-14 12:34:49	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.04	0.05	0.06	42.13	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	6.82	ppb
Molybdenum	96-1	0.07	0.04	0.06	0.06	21.94	ppb
Molybdenum	97-1	0.01	0.03	0.07	0.04	82.05	ppb
Molybdenum	98-1	0.05	0.05	0.03	0.04	15.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.02	-0.01	0.01	644.66	ppb
Phosphorus	31-2	99.54	62.81	66.98	76.45	26.30	ppb
Potassium	39-2	211.71	208.22	210.63	210.18	0.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.62	0.26	-0.25	0.21	207.22	ppb
Selenium	82-1	-0.12	-0.09	0.11	-0.03		ppb
Silicon	28-1	18.90	19.09	18.42	18.80	1.82	ppb
Silver	109-1	0.08	0.08	0.09	0.08	7.00	ppb
Silver	107-1	0.07	0.07	0.08	0.07	2.89	ppb
Sodium	23-2	195.77	188.74	190.78	191.76	1.89	ppb
Strontium	86-1	8.23	8.32	8.33	8.29	0.67	ppb
Strontium	88-1	8.20	8.22	8.10	8.17	0.80	ppb
Sulfur	34-1	-277.15	-218.41	-274.44	-256.67		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	201.99	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.06	0.01	0.06	0.04	57.94	ppb
Titanium	47-1	0.22	0.15	0.20	0.19	16.59	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.86	ppb
Vanadium	51-2	0.29	0.28	0.32	0.30	7.00	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	24.99	25.51	26.14	25.55	2.25	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	69.56	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02LDLX100	Instrumnet Name :	P7
Client Sample ID :	MH0QB6L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-14 12:34:49	DataFile Name :	028SMPL.d

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

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:38:21	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	359.89	375.21	355.33	363.48	2.86	ppb
Antimony	121-1	1.45	1.45	1.44	1.44	0.31	ppb
Arsenic	75-2	2.67	2.58	2.43	2.56	4.75	ppb
Barium	135-1	38.21	38.24	38.15	38.20	0.12	ppb
Barium	137-1	38.40	38.67	38.18	38.42	0.63	ppb
Beryllium	9-1	0.54	0.51	0.59	0.55	7.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.79	7.96	7.21	7.32	8.08	ppb
Boron	11-1	7.38	7.45	7.19	7.34	1.82	ppb
Cadmium	111-1	0.83	0.72	0.81	0.79	7.41	ppb
Cadmium	106-1	-0.10	-2.55	-0.59	-1.08		ppb
Cadmium	108-1	0.97	1.02	0.92	0.97	5.04	ppb
Calcium	43-1	7227.07	7437.69	7315.88	7326.88	1.44	ppb
Calcium	44-1	7397.58	7373.68	7263.61	7344.96	0.97	ppb
Chromium	52-2	5.81	5.86	5.68	5.78	1.62	ppb
Cobalt	59-2	5.56	5.53	5.48	5.52	0.74	ppb
Copper	63-2	19.01	19.44	19.16	19.20	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1034.13	1046.44	1028.36	1036.31	0.89	ppb
Iron	57-2	1041.64	1034.05	1027.25	1034.31	0.70	ppb
Lead	206-1	131.73	131.12	129.20	130.68	1.01	ppb
Lead	207-1	124.36	123.19	121.91	123.15	1.00	ppb
Lead	208-1	126.47	125.68	124.61	125.58	0.74	ppb
Lithium	6-1						%
Magnesium	24-2	685.05	681.78	676.66	681.16	0.62	ppb
Manganese	55-2	69.97	69.97	68.71	69.55	1.05	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:38:21	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.22	0.22	0.22	2.89	ppb
Molybdenum	95-1	0.26	0.25	0.23	0.25	5.36	ppb
Molybdenum	96-1	0.23	0.24	0.26	0.24	6.36	ppb
Molybdenum	97-1	0.22	0.20	0.21	0.21	6.59	ppb
Molybdenum	98-1	0.23	0.21	0.25	0.23	10.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.30	6.33	6.35	6.33	0.39	ppb
Phosphorus	31-2	427.32	469.94	358.56	418.61	13.42	ppb
Potassium	39-2	1060.77	1055.86	1047.44	1054.69	0.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.35	2.37	2.93	2.55	12.82	ppb
Selenium	78-2	1.68	0.45	1.75	1.29	56.24	ppb
Selenium	82-1	1.14	0.93	0.38	0.82	48.41	ppb
Silicon	28-1	109.51	108.58	107.36	108.48	0.99	ppb
Silver	109-1	0.79	0.83	0.76	0.79	4.51	ppb
Silver	107-1	0.77	0.79	0.77	0.78	1.48	ppb
Sodium	23-2	906.52	922.08	908.16	912.25	0.94	ppb
Strontium	86-1	43.15	43.06	42.84	43.02	0.38	ppb
Strontium	88-1	43.03	43.00	42.44	42.82	0.77	ppb
Sulfur	34-1	1607.74	1490.29	1511.00	1536.34	4.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.53	0.48	0.47	0.49	6.25	ppb
Thallium	205-1	0.47	0.48	0.48	0.48	0.99	ppb
Tin	118-1	0.37	0.37	0.33	0.36	5.28	ppb
Titanium	47-1	0.91	0.82	0.86	0.86	4.77	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	4.09	ppb
Vanadium	51-2	6.42	6.56	6.58	6.52	1.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	132.53	133.51	131.74	132.59	0.67	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	1.79	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:38:21	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.03	0.03	0.02	139.98	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:41:52	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50856.06	51223.50	50927.04	51002.20	0.38	ppb
Antimony	121-1	492.86	488.91	491.95	491.24	0.42	ppb
Arsenic	75-2	505.48	505.83	501.01	504.11	0.53	ppb
Barium	135-1	2535.09	2514.98	2515.86	2521.98	0.45	ppb
Barium	137-1	2574.22	2546.22	2558.36	2559.60	0.55	ppb
Beryllium	9-1	506.68	506.93	510.59	508.07	0.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	482.74	495.31	512.79	496.95	3.04	ppb
Boron	11-1	488.54	499.50	507.39	498.48	1.90	ppb
Cadmium	111-1	502.52	495.85	494.91	497.76	0.83	ppb
Cadmium	106-1	509.46	501.49	509.74	506.89	0.92	ppb
Cadmium	108-1	505.53	505.35	500.52	503.80	0.56	ppb
Calcium	43-1	251776.83	250326.84	250217.40	250773.69	0.35	ppb
Calcium	44-1	249892.88	249287.14	249139.75	249439.92	0.16	ppb
Chromium	52-2	505.06	505.42	505.56	505.35	0.05	ppb
Cobalt	59-2	488.15	491.45	487.85	489.15	0.41	ppb
Copper	63-2	949.87	948.09	945.49	947.82	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	126642.58	125699.81	125077.86	125806.75	0.63	ppb
Iron	57-2	125976.18	125430.04	125003.84	125470.02	0.39	ppb
Lead	206-1	512.96	507.86	508.99	509.94	0.53	ppb
Lead	207-1	518.12	508.30	512.85	513.09	0.96	ppb
Lead	208-1	517.84	512.42	514.96	515.07	0.53	ppb
Lithium	6-1						%
Magnesium	24-2	258774.87	258827.48	256116.72	257906.36	0.60	ppb
Manganese	55-2	1003.66	1004.06	997.40	1001.71	0.37	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:41:52	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2540.31	2547.98	2551.49	2546.59	0.22	ppb
Molybdenum	95-1	2543.70	2539.60	2554.53	2545.94	0.30	ppb
Molybdenum	96-1	2544.76	2538.98	2547.25	2543.66	0.17	ppb
Molybdenum	97-1	2537.39	2557.56	2538.24	2544.40	0.45	ppb
Molybdenum	98-1	2546.76	2548.77	2548.85	2548.13	0.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.32	490.91	487.56	488.60	0.41	ppb
Phosphorus	31-2	10154.38	10222.58	10199.34	10192.10	0.34	ppb
Potassium	39-2	127669.73	126737.90	126468.86	126958.83	0.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	521.39	501.67	497.19	506.75	2.54	ppb
Selenium	78-2	506.71	511.37	504.72	507.60	0.67	ppb
Selenium	82-1	494.16	496.54	495.62	495.44	0.24	ppb
Silicon	28-1	491.90	492.26	494.08	492.75	0.24	ppb
Silver	109-1	495.69	491.69	491.68	493.02	0.47	ppb
Silver	107-1	489.53	486.62	487.39	487.85	0.31	ppb
Sodium	23-2	258254.11	258779.00	256275.94	257769.68	0.51	ppb
Strontium	86-1	518.24	522.46	521.40	520.70	0.42	ppb
Strontium	88-1	524.99	524.77	525.27	525.01	0.05	ppb
Sulfur	34-1	10504.12	10512.12	10284.79	10433.68	1.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	507.24	505.42	503.78	505.48	0.34	ppb
Thallium	205-1	518.48	517.68	520.32	518.82	0.26	ppb
Tin	118-1	506.64	499.57	501.15	502.45	0.74	ppb
Titanium	47-1	2540.92	2510.53	2515.16	2522.20	0.65	ppb
Uranium	238-1	532.20	529.65	528.15	530.00	0.39	ppb
Vanadium	51-2	505.11	506.45	501.48	504.34	0.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	959.91	963.15	962.77	961.94	0.18	ppb
Zirconium	90-1	512.94	510.66	514.64	512.75	0.39	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:41:52	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	509.65	503.33	506.76	506.58	0.63	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:48:45	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	1.69	1.17	1.12	52.20	ppb
Antimony	121-1	0.43	0.43	0.40	0.42	4.75	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	2.48	ppb
Barium	135-1	0.00	-0.01	-0.02	-0.01		ppb
Barium	137-1	0.01	0.02	0.02	0.01	23.14	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	43.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.21	4.25	5.30	4.92	11.86	ppb
Boron	11-1	4.77	4.50	4.59	4.62	3.03	ppb
Cadmium	111-1	-0.09	-0.13	-0.06	-0.09		ppb
Cadmium	106-1	-1.45	-1.86	-0.87	-1.39		ppb
Cadmium	108-1	-0.03	0.10	0.05	0.04	152.24	ppb
Calcium	43-1	8.31	8.82	11.22	9.45	16.46	ppb
Calcium	44-1	2.22	1.98	3.37	2.52	29.48	ppb
Chromium	52-2	-0.04	-0.01	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	106.37	ppb
Copper	63-2	-0.14	-0.08	-0.15	-0.12		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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.72	2.62	2.67	2.67	1.95	ppb
Iron	57-2	2.94	4.43	3.88	3.75	20.01	ppb
Lead	206-1	0.12	0.13	0.14	0.13	7.62	ppb
Lead	207-1	0.11	0.15	0.11	0.12	17.98	ppb
Lead	208-1	0.11	0.12	0.11	0.12	3.61	ppb
Lithium	6-1						%
Magnesium	24-2	-0.41	-0.37	-0.38	-0.39		ppb
Manganese	55-2	-0.03	-0.02	0.01	-0.01		ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:48:45	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.30	0.29	0.29	4.50	ppb
Molybdenum	95-1	0.29	0.31	0.31	0.30	4.01	ppb
Molybdenum	96-1	0.29	0.27	0.32	0.29	8.92	ppb
Molybdenum	97-1	0.30	0.19	0.22	0.24	22.84	ppb
Molybdenum	98-1	0.25	0.28	0.28	0.27	5.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.29	-0.29	-0.30	-0.29		ppb
Phosphorus	31-2	6.54	-6.69	-10.94	-3.70		ppb
Potassium	39-2	9.87	13.41	12.15	11.81	15.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.76	0.27	0.65	0.56	46.26	ppb
Selenium	82-1	0.06	-0.20	-0.73	-0.29		ppb
Silicon	28-1	-1.64	-1.71	-1.44	-1.60		ppb
Silver	109-1	0.01	0.02	0.02	0.02	40.42	ppb
Silver	107-1	0.02	0.02	0.02	0.02	14.41	ppb
Sodium	23-2	21.81	20.74	22.76	21.77	4.65	ppb
Strontium	86-1	0.00	0.00	0.01	0.00	240.02	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	37.40	ppb
Sulfur	34-1	-472.88	-389.75	-392.50	-418.38		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.05	0.05	0.05	3.96	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	24.97	ppb
Tin	118-1	0.10	0.10	0.13	0.11	16.97	ppb
Titanium	47-1	0.04	0.11	0.02	0.06	84.70	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	138.75	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	131.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.04	0.35	0.28	0.20	107.96	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	2.71	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:48:45	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.05	0.06	0.06	11.61	ppb

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : PB104260BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 12:53:58 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.67	0.67	0.65	0.99	58.59	ppb
Antimony	121-1	0.20	0.22	0.20	0.21	6.66	ppb
Arsenic	75-2	0.02	0.01	0.03	0.02	55.55	ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.02		ppb
Barium	137-1	0.00	0.02	0.02	0.01	95.18	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	152.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.33	3.33	3.38	3.01	19.77	ppb
Boron	11-1	2.48	2.68	3.12	2.76	11.96	ppb
Cadmium	111-1	-0.18	-0.10	-0.10	-0.13		ppb
Cadmium	106-1	-2.63	-1.57	-1.39	-1.86		ppb
Cadmium	108-1	0.03	0.02	-0.03	0.01	342.80	ppb
Calcium	43-1	0.75	2.45	0.40	1.20	91.43	ppb
Calcium	44-1	-7.98	-4.51	-2.09	-4.86		ppb
Chromium	52-2	-0.02	-0.01	0.01	-0.01		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.17	-0.15	-0.21	-0.18		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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.54	1.99	1.18	1.90	35.86	ppb
Iron	57-2	3.03	2.72	1.40	2.38	36.29	ppb
Lead	206-1	0.08	0.11	0.10	0.10	16.21	ppb
Lead	207-1	0.08	0.12	0.09	0.10	20.38	ppb
Lead	208-1	0.07	0.09	0.09	0.08	19.83	ppb
Lithium	6-1						%
Magnesium	24-2	1.10	1.57	-1.75	0.31	580.81	ppb
Manganese	55-2	0.01	-0.01	0.00	0.00		ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104260BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:53:58	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.16	0.19	0.16	20.43	ppb
Molybdenum	95-1	0.11	0.16	0.13	0.13	19.43	ppb
Molybdenum	96-1	0.14	0.14	0.13	0.14	3.72	ppb
Molybdenum	97-1	0.13	0.07	0.09	0.10	29.87	ppb
Molybdenum	98-1	0.11	0.12	0.14	0.12	12.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.29	-0.27	-0.30	-0.29		ppb
Phosphorus	31-2	0.77	0.83	-6.22	-1.54		ppb
Potassium	39-2	8.93	10.46	14.09	11.16	23.75	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.60	0.20	173.21	ppb
Selenium	78-2	0.33	0.22	0.28	0.28	19.22	ppb
Selenium	82-1	-0.24	-0.09	0.23	-0.03		ppb
Silicon	28-1	-6.69	-4.26	-2.14	-4.36		ppb
Silver	109-1	0.01	0.01	0.01	0.01	17.09	ppb
Silver	107-1	0.01	0.02	0.01	0.01	72.93	ppb
Sodium	23-2	22.40	19.45	16.04	19.30	16.49	ppb
Strontium	86-1	-0.10	0.02	0.03	-0.02		ppb
Strontium	88-1	0.01	0.01	0.02	0.01	52.29	ppb
Sulfur	34-1	-1577.95	-985.52	-636.86	-1066.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	21.08	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	27.55	ppb
Tin	118-1	-0.01	0.01	0.04	0.02	159.65	ppb
Titanium	47-1	0.04	0.03	0.07	0.05	41.96	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	18.31	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.04	-0.13	0.13	-0.01		ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	11.27	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104260BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:53:58	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.02	0.03	37.58	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104260BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:57:29	DataFile Name :	033LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.12	37.74	36.09	37.32	2.89	ppb
Antimony	121-1	3.82	3.66	3.71	3.73	2.17	ppb
Arsenic	75-2	1.92	2.00	1.94	1.95	2.14	ppb
Barium	135-1	18.47	17.91	18.05	18.14	1.60	ppb
Barium	137-1	18.37	18.34	18.73	18.48	1.18	ppb
Beryllium	9-1	1.76	1.93	1.96	1.88	5.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	43.61	42.84	45.10	43.85	2.61	ppb
Boron	11-1	43.21	44.82	45.88	44.64	3.01	ppb
Cadmium	111-1	1.95	1.87	1.91	1.91	1.98	ppb
Cadmium	106-1	1.83	-0.05	0.82	0.86	108.75	ppb
Cadmium	108-1	2.28	1.74	1.67	1.90	17.59	ppb
Calcium	43-1	890.37	871.81	922.26	894.81	2.85	ppb
Calcium	44-1	889.33	885.39	888.23	887.65	0.23	ppb
Chromium	52-2	4.07	3.98	4.07	4.04	1.25	ppb
Cobalt	59-2	1.86	1.89	1.97	1.91	2.84	ppb
Copper	63-2	3.78	3.55	3.73	3.69	3.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	427.98	429.67	431.45	429.70	0.40	ppb
Iron	57-2	424.09	434.12	431.65	429.95	1.22	ppb
Lead	206-1	1.91	1.98	1.91	1.93	2.17	ppb
Lead	207-1	2.01	1.94	1.96	1.97	1.81	ppb
Lead	208-1	1.92	1.97	1.93	1.94	1.10	ppb
Lithium	6-1						%
Magnesium	24-2	967.79	944.39	948.19	953.46	1.32	ppb
Manganese	55-2	2.03	1.99	1.83	1.95	5.41	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104260BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:57:29	DataFile Name :	033LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.04	9.42	8.94	9.13	2.75	ppb
Molybdenum	95-1	9.19	8.95	9.06	9.07	1.34	ppb
Molybdenum	96-1	9.04	8.69	9.05	8.92	2.29	ppb
Molybdenum	97-1	9.04	9.03	9.00	9.02	0.26	ppb
Molybdenum	98-1	8.82	8.84	8.88	8.85	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.71	1.82	1.70	1.75	3.87	ppb
Phosphorus	31-2	11.12	6.43	17.41	11.66	47.26	ppb
Potassium	39-2	926.58	927.26	930.26	928.03	0.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	12.90	12.33	8.17	11.13	23.21	ppb
Selenium	78-2	9.59	10.84	12.18	10.87	11.93	ppb
Selenium	82-1	10.07	9.56	9.79	9.81	2.64	ppb
Silicon	28-1	22.08	22.04	21.89	22.01	0.45	ppb
Silver	109-1	2.04	2.01	1.98	2.01	1.54	ppb
Silver	107-1	2.02	2.01	1.95	1.99	1.97	ppb
Sodium	23-2	987.23	996.61	985.63	989.82	0.60	ppb
Strontium	86-1	1.90	2.00	1.89	1.93	3.05	ppb
Strontium	88-1	1.84	1.86	1.85	1.85	0.65	ppb
Sulfur	34-1	-426.16	-370.84	-547.63	-448.21		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.81	1.86	1.75	1.81	2.85	ppb
Thallium	205-1	1.85	1.88	1.84	1.86	1.11	ppb
Tin	118-1	9.46	9.34	9.40	9.40	0.62	ppb
Titanium	47-1	9.54	9.26	9.18	9.33	2.02	ppb
Uranium	238-1	1.71	1.68	1.70	1.70	0.97	ppb
Vanadium	51-2	9.03	9.26	9.28	9.19	1.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.37	4.38	4.01	4.25	4.95	ppb
Zirconium	90-1	1.95	1.89	1.89	1.91	2.05	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104260BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:57:29	DataFile Name :	033LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.77	1.91	1.76	1.82	4.63	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104262BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:01:01	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	-0.13	0.31	0.13	175.51	ppb
Antimony	121-1	0.08	0.10	0.08	0.09	14.10	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	-0.05	-0.04	-0.04	-0.04		ppb
Barium	137-1	-0.02	-0.01	0.00	-0.01		ppb
Beryllium	9-1	-0.02	-0.03	0.00	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.90	2.39	1.87	2.39	21.64	ppb
Boron	11-1	3.51	2.51	2.38	2.80	22.02	ppb
Cadmium	111-1	-0.09	-0.14	-0.18	-0.14		ppb
Cadmium	106-1	-1.20	-1.87	-2.51	-1.86		ppb
Cadmium	108-1	-0.03	0.03	0.00	0.00	13498.97	ppb
Calcium	43-1	-0.88	-1.89	-4.26	-2.34		ppb
Calcium	44-1	-4.89	-3.95	-6.94	-5.26		ppb
Chromium	52-2	0.02	-0.01	0.01	0.01	322.46	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.22	-0.24	-0.18	-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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.37	0.50	0.58	0.48	21.25	ppb
Iron	57-2	1.46	0.23	1.17	0.95	67.35	ppb
Lead	206-1	0.10	0.08	0.08	0.09	12.49	ppb
Lead	207-1	0.09	0.08	0.10	0.09	7.26	ppb
Lead	208-1	0.10	0.08	0.08	0.09	12.91	ppb
Lithium	6-1						%
Magnesium	24-2	-0.65	-1.34	-0.74	-0.91		ppb
Manganese	55-2	-0.04	-0.03	-0.02	-0.03		ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104262BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:01:01	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.04	0.04	14.91	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.05	8.80	ppb
Molybdenum	96-1	0.06	0.06	0.07	0.06	9.45	ppb
Molybdenum	97-1	0.04	0.07	0.03	0.05	49.62	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	27.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.32	-0.29	-0.28		ppb
Phosphorus	31-2	-8.64	0.30	-6.32	-4.89		ppb
Potassium	39-2	6.88	7.71	7.07	7.22	6.08	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.52	-0.62	1.00	0.30	279.16	ppb
Selenium	82-1	-0.27	-0.47	0.27	-0.16		ppb
Silicon	28-1	-1.94	-2.21	-2.44	-2.20		ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.47	ppb
Silver	107-1	0.01	0.01	0.01	0.01	36.81	ppb
Sodium	23-2	13.73	11.67	14.20	13.20	10.20	ppb
Strontium	86-1	-0.01	0.02	-0.05	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	61.40	ppb
Sulfur	34-1	-489.77	-526.27	-463.72	-493.25		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.01	33.15	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.83	ppb
Tin	118-1	0.05	0.03	0.05	0.04	29.70	ppb
Titanium	47-1	0.06	0.03	0.01	0.03	84.70	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.38	-0.08	-0.19	0.04	756.93	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	16.94	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104262BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:01:01	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.00	0.01	108.62	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104262BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:04:33	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.62	40.40	40.73	39.92	2.84	ppb
Antimony	121-1	3.71	3.62	3.72	3.68	1.57	ppb
Arsenic	75-2	1.93	1.91	1.68	1.84	7.60	ppb
Barium	135-1	18.79	18.50	18.13	18.47	1.79	ppb
Barium	137-1	18.29	18.62	18.58	18.50	0.98	ppb
Beryllium	9-1	1.85	1.97	2.06	1.96	5.21	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	44.95	43.72	43.89	44.19	1.51	ppb
Boron	11-1	42.54	45.39	45.62	44.52	3.86	ppb
Cadmium	111-1	1.77	1.96	1.75	1.82	6.34	ppb
Cadmium	106-1	0.79	0.76	0.25	0.60	50.35	ppb
Cadmium	108-1	1.84	1.60	1.76	1.74	7.04	ppb
Calcium	43-1	911.48	895.74	905.60	904.27	0.88	ppb
Calcium	44-1	892.21	897.78	899.61	896.53	0.43	ppb
Chromium	52-2	4.05	4.05	4.03	4.05	0.30	ppb
Cobalt	59-2	1.91	2.00	2.02	1.98	2.87	ppb
Copper	63-2	3.66	3.75	3.72	3.71	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	414.62	412.65	414.55	413.94	0.27	ppb
Iron	57-2	426.60	423.31	416.71	422.21	1.19	ppb
Lead	206-1	2.00	2.05	1.95	2.00	2.53	ppb
Lead	207-1	1.95	1.90	1.90	1.92	1.37	ppb
Lead	208-1	1.94	1.96	1.93	1.94	0.69	ppb
Lithium	6-1						%
Magnesium	24-2	970.41	992.43	977.78	980.21	1.14	ppb
Manganese	55-2	2.10	1.92	2.05	2.02	4.55	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104262BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:04:33	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.46	8.95	9.46	9.29	3.18	ppb
Molybdenum	95-1	8.89	8.95	9.15	9.00	1.51	ppb
Molybdenum	96-1	9.33	9.25	9.15	9.24	0.95	ppb
Molybdenum	97-1	9.13	8.92	9.26	9.10	1.84	ppb
Molybdenum	98-1	9.31	9.03	9.17	9.17	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	1.86	1.78	1.88	6.15	ppb
Phosphorus	31-2	2.49	2.44	6.95	3.96	65.41	ppb
Potassium	39-2	960.21	967.76	961.49	963.15	0.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.90	8.77	17.02	10.56	54.66	ppb
Selenium	78-2	10.04	10.02	12.56	10.88	13.40	ppb
Selenium	82-1	9.49	9.67	9.57	9.58	0.98	ppb
Silicon	28-1	21.92	21.56	21.89	21.79	0.93	ppb
Silver	109-1	2.03	2.04	2.06	2.04	0.71	ppb
Silver	107-1	2.01	1.91	2.00	1.97	2.64	ppb
Sodium	23-2	1014.52	1011.78	1012.14	1012.81	0.15	ppb
Strontium	86-1	1.93	1.77	1.91	1.87	4.56	ppb
Strontium	88-1	1.89	1.97	1.90	1.92	2.16	ppb
Sulfur	34-1	-445.89	-478.91	-410.16	-444.99		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.85	1.79	1.80	1.81	1.69	ppb
Thallium	205-1	1.89	1.83	1.83	1.85	1.82	ppb
Tin	118-1	9.54	9.43	9.55	9.51	0.72	ppb
Titanium	47-1	9.35	9.08	9.24	9.22	1.45	ppb
Uranium	238-1	1.76	1.68	1.72	1.72	2.38	ppb
Vanadium	51-2	9.40	9.38	9.41	9.40	0.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.34	4.90	4.66	4.64	6.03	ppb
Zirconium	90-1	1.91	1.87	1.82	1.87	2.26	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104262BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:04:33	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.87	1.98	1.83	1.89	4.05	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:08:04	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51681.21	51515.54	51383.68	51526.81	0.29	ppb
Antimony	121-1	489.88	494.64	493.62	492.71	0.51	ppb
Arsenic	75-2	503.07	498.88	510.49	504.15	1.17	ppb
Barium	135-1	2522.18	2572.53	2513.66	2536.12	1.25	ppb
Barium	137-1	2563.95	2579.69	2547.01	2563.55	0.64	ppb
Beryllium	9-1	507.99	502.59	506.88	505.82	0.56	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	488.02	495.25	501.77	495.01	1.39	ppb
Boron	11-1	486.22	494.90	506.72	495.95	2.07	ppb
Cadmium	111-1	500.66	501.04	499.56	500.42	0.15	ppb
Cadmium	106-1	505.06	512.43	509.73	509.07	0.73	ppb
Cadmium	108-1	505.36	505.92	513.39	508.22	0.88	ppb
Calcium	43-1	252931.95	251832.31	252248.86	252337.71	0.22	ppb
Calcium	44-1	251532.79	251432.48	251641.05	251535.44	0.04	ppb
Chromium	52-2	504.34	503.42	503.90	503.89	0.09	ppb
Cobalt	59-2	491.10	487.10	487.26	488.49	0.46	ppb
Copper	63-2	951.56	950.49	943.19	948.41	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	126023.60	125118.23	124737.46	125293.09	0.53	ppb
Iron	57-2	126257.84	125519.57	125628.02	125801.81	0.32	ppb
Lead	206-1	510.42	512.50	508.72	510.55	0.37	ppb
Lead	207-1	512.03	513.85	509.89	511.92	0.39	ppb
Lead	208-1	516.07	517.57	515.18	516.27	0.23	ppb
Lithium	6-1						%
Magnesium	24-2	261506.47	259311.25	257659.00	259492.24	0.74	ppb
Manganese	55-2	999.57	1001.32	998.49	999.79	0.14	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:08:04	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2551.30	2529.91	2563.80	2548.34	0.67	ppb
Molybdenum	95-1	2558.94	2524.47	2546.41	2543.28	0.69	ppb
Molybdenum	96-1	2548.96	2534.33	2541.41	2541.57	0.29	ppb
Molybdenum	97-1	2541.71	2523.27	2540.90	2535.29	0.41	ppb
Molybdenum	98-1	2550.83	2536.83	2554.13	2547.26	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.62	484.55	484.20	484.79	0.15	ppb
Phosphorus	31-2	10305.97	10254.08	10144.71	10234.92	0.80	ppb
Potassium	39-2	128185.87	127322.67	126937.93	127482.16	0.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	518.77	498.97	507.38	508.37	1.96	ppb
Selenium	78-2	519.91	501.36	509.30	510.19	1.82	ppb
Selenium	82-1	498.37	494.15	496.85	496.46	0.43	ppb
Silicon	28-1	490.54	496.91	507.06	498.17	1.67	ppb
Silver	109-1	493.54	494.64	492.74	493.64	0.19	ppb
Silver	107-1	488.09	487.62	489.13	488.28	0.16	ppb
Sodium	23-2	262024.19	258758.13	258147.04	259643.12	0.80	ppb
Strontium	86-1	521.83	521.93	519.46	521.07	0.27	ppb
Strontium	88-1	529.63	528.20	527.53	528.46	0.20	ppb
Sulfur	34-1	10533.90	10537.80	10641.72	10571.14	0.58	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	506.42	505.08	500.94	504.15	0.57	ppb
Thallium	205-1	521.11	523.93	519.02	521.35	0.47	ppb
Tin	118-1	498.57	507.72	504.56	503.62	0.92	ppb
Titanium	47-1	2523.38	2531.46	2527.02	2527.29	0.16	ppb
Uranium	238-1	519.82	524.15	525.93	523.30	0.60	ppb
Vanadium	51-2	508.15	506.42	504.55	506.37	0.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	955.88	956.49	956.34	956.24	0.03	ppb
Zirconium	90-1	513.80	511.57	511.47	512.28	0.26	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:08:04	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.62	503.76	509.40	508.26	0.80	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:15:29	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.33	0.92	0.60	0.95	38.68	ppb
Antimony	121-1	0.40	0.39	0.37	0.39	3.45	ppb
Arsenic	75-2	0.00	0.02	0.01	0.01	127.19	ppb
Barium	135-1	-0.03	-0.02	0.03	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.03	-0.02		ppb
Beryllium	9-1	0.05	0.02	0.01	0.03	74.24	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.43	4.25	3.75	4.14	8.50	ppb
Boron	11-1	4.67	4.27	4.28	4.41	5.17	ppb
Cadmium	111-1	-0.04	-0.01	0.05	0.00		ppb
Cadmium	106-1	-0.64	-0.16	0.54	-0.09		ppb
Cadmium	108-1	0.00	0.02	0.00	0.01	191.83	ppb
Calcium	43-1	1.08	-1.96	-4.96	-1.95		ppb
Calcium	44-1	-5.88	-7.76	-8.14	-7.26		ppb
Chromium	52-2	0.00	0.00	-0.01	0.00		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.16	-0.16	-0.17	-0.16		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.98	1.80	1.80	1.86	5.47	ppb
Iron	57-2	2.61	2.95	2.12	2.56	16.18	ppb
Lead	206-1	0.12	0.09	0.11	0.11	14.46	ppb
Lead	207-1	0.14	0.11	0.10	0.12	18.82	ppb
Lead	208-1	0.11	0.10	0.09	0.10	11.50	ppb
Lithium	6-1						%
Magnesium	24-2	-1.63	-2.64	-2.12	-2.13		ppb
Manganese	55-2	-0.04	-0.01	-0.02	-0.02		ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:15:29	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.26	0.22	0.23	0.24	7.84	ppb
Molybdenum	95-1	0.24	0.24	0.23	0.23	1.27	ppb
Molybdenum	96-1	0.26	0.28	0.23	0.26	8.93	ppb
Molybdenum	97-1	0.25	0.23	0.18	0.22	16.61	ppb
Molybdenum	98-1	0.24	0.23	0.26	0.24	6.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.29	-0.30	-0.27	-0.29		ppb
Phosphorus	31-2	1.55	-4.73	-11.24	-4.81		ppb
Potassium	39-2	18.11	14.12	15.52	15.91	12.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.56	0.19	173.21	ppb
Selenium	78-2	-0.25	-0.14	0.03	-0.12		ppb
Selenium	82-1	-0.50	-0.09	0.08	-0.17		ppb
Silicon	28-1	-2.09	-2.19	-2.22	-2.17		ppb
Silver	109-1	0.02	0.01	0.01	0.01	39.72	ppb
Silver	107-1	0.01	0.01	0.02	0.02	28.12	ppb
Sodium	23-2	18.85	20.27	17.91	19.01	6.24	ppb
Strontium	86-1	0.01	0.01	0.00	0.01	77.90	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	91.47	ppb
Sulfur	34-1	-561.99	-632.40	-591.98	-595.46		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.06	0.04	0.05	18.14	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	2.86	ppb
Tin	118-1	0.26	0.25	0.22	0.24	8.51	ppb
Titanium	47-1	0.04	0.04	0.09	0.06	44.68	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1118.06	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.54	-0.32	-0.26	-0.37		ppb
Zirconium	90-1	0.04	0.07	0.06	0.06	28.22	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:15:29	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.09	0.05	0.06	31.91	ppb

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : PB104120BL Instrumnet Name : P7
 Client Sample ID : PB104120BL Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 13:19:01 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.92	0.82	0.39	0.71	40.00	ppb
Antimony	121-1	0.18	0.20	0.20	0.20	5.28	ppb
Arsenic	75-2	-0.01	-0.01	0.02	0.00	3481.30	ppb
Barium	135-1	-0.01	-0.05	-0.04	-0.03		ppb
Barium	137-1	0.00	0.00	-0.03	-0.01		ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	58.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.62	3.43	3.60	3.55	2.96	ppb
Boron	11-1	3.13	3.20	3.49	3.28	5.83	ppb
Cadmium	111-1	-0.01	0.00	-0.08	-0.03		ppb
Cadmium	106-1	-0.22	0.02	-1.18	-0.46		ppb
Cadmium	108-1	-0.08	-0.03	0.00	-0.03		ppb
Calcium	43-1	-3.65	-3.70	-0.93	-2.76		ppb
Calcium	44-1	-8.38	-8.30	-6.40	-7.69		ppb
Chromium	52-2	-0.02	-0.03	0.00	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.19	-0.21	-0.21	-0.20		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.05	1.14	1.22	1.14	7.71	ppb
Iron	57-2	1.25	1.66	2.02	1.64	23.43	ppb
Lead	206-1	0.09	0.05	0.12	0.08	43.60	ppb
Lead	207-1	0.10	0.10	0.11	0.10	4.51	ppb
Lead	208-1	0.09	0.07	0.10	0.09	14.13	ppb
Lithium	6-1						%
Magnesium	24-2	-1.80	-3.31	-1.62	-2.24		ppb
Manganese	55-2	-0.02	-0.03	-0.04	-0.03		ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BL	Instrumnet Name :	P7
Client Sample ID :	PB104120BL	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:19:01	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.14	0.15	0.15	5.72	ppb
Molybdenum	95-1	0.12	0.14	0.16	0.14	15.53	ppb
Molybdenum	96-1	0.14	0.10	0.15	0.13	17.89	ppb
Molybdenum	97-1	0.11	0.07	0.13	0.10	32.41	ppb
Molybdenum	98-1	0.11	0.12	0.10	0.11	9.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.27	-0.30	-0.27		ppb
Phosphorus	31-2	10.33	-8.98	-6.98	-1.88		ppb
Potassium	39-2	12.91	10.09	7.66	10.22	25.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.32	0.08	-0.03	-0.09		ppb
Selenium	82-1	-0.74	-0.63	0.10	-0.42		ppb
Silicon	28-1	-2.02	-2.42	-2.28	-2.24		ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.44	ppb
Silver	107-1	0.02	0.02	0.01	0.01	35.17	ppb
Sodium	23-2	16.21	15.24	15.23	15.56	3.61	ppb
Strontium	86-1	-0.04	-0.03	0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	248.78	ppb
Sulfur	34-1	-486.88	-590.61	-397.91	-491.80		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.03	0.03	13.08	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	18.61	ppb
Tin	118-1	0.20	0.21	0.23	0.21	7.90	ppb
Titanium	47-1	0.03	0.07	0.06	0.05	37.28	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.25	-0.13	-0.61	-0.33		ppb
Zirconium	90-1	0.05	0.03	0.04	0.04	21.68	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BL	Instrumnet Name :	P7
Client Sample ID :	PB104120BL	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:19:01	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.00	0.02	99.21	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BS	Instrumnet Name :	P7
Client Sample ID :	PB104120BS	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:22:33	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10046.77	9979.73	9999.06	10008.52	0.34	ppb
Antimony	121-1	503.07	499.25	502.22	501.51	0.40	ppb
Arsenic	75-2	511.10	509.91	507.61	509.54	0.35	ppb
Barium	135-1	2553.30	2563.28	2564.33	2560.30	0.24	ppb
Barium	137-1	2548.63	2557.94	2565.14	2557.24	0.32	ppb
Beryllium	9-1	496.11	494.78	492.86	494.58	0.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	461.79	475.47	486.01	474.42	2.56	ppb
Boron	11-1	465.77	476.99	488.91	477.23	2.43	ppb
Cadmium	111-1	523.06	523.58	519.97	522.20	0.37	ppb
Cadmium	106-1	522.42	528.87	526.50	525.93	0.62	ppb
Cadmium	108-1	520.52	529.13	523.82	524.49	0.83	ppb
Calcium	43-1	48809.42	48965.15	49295.77	49023.45	0.51	ppb
Calcium	44-1	49638.83	49408.98	49800.36	49616.06	0.40	ppb
Chromium	52-2	498.77	495.70	499.83	498.10	0.43	ppb
Cobalt	59-2	496.62	500.33	504.13	500.36	0.75	ppb
Copper	63-2	987.53	996.22	990.32	991.36	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25943.14	25974.32	26026.16	25981.20	0.16	ppb
Iron	57-2	25480.98	25472.28	25370.08	25441.11	0.24	ppb
Lead	206-1	493.55	493.82	492.78	493.38	0.11	ppb
Lead	207-1	496.96	493.84	498.38	496.39	0.47	ppb
Lead	208-1	500.58	499.39	502.45	500.80	0.31	ppb
Lithium	6-1						%
Magnesium	24-2	52418.02	51880.86	52209.02	52169.30	0.52	ppb
Manganese	55-2	999.01	1000.41	1009.92	1003.11	0.59	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BS	Instrumnet Name :	P7
Client Sample ID :	PB104120BS	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:22:33	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2507.90	2513.98	2526.45	2516.11	0.38	ppb
Molybdenum	95-1	2511.13	2501.69	2510.19	2507.67	0.21	ppb
Molybdenum	96-1	2513.23	2495.35	2515.80	2508.13	0.44	ppb
Molybdenum	97-1	2511.49	2493.67	2502.70	2502.62	0.36	ppb
Molybdenum	98-1	2520.51	2503.76	2515.42	2513.23	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.03	502.90	500.05	500.33	0.49	ppb
Phosphorus	31-2	10100.00	10384.32	10116.83	10200.38	1.56	ppb
Potassium	39-2	25495.12	25582.42	25378.52	25485.35	0.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	525.12	541.68	518.10	528.30	2.29	ppb
Selenium	78-2	515.79	528.94	519.94	521.56	1.29	ppb
Selenium	82-1	512.88	513.42	513.55	513.28	0.07	ppb
Silicon	28-1	515.12	522.18	529.54	522.28	1.38	ppb
Silver	109-1	518.77	517.01	516.82	517.53	0.21	ppb
Silver	107-1	512.41	511.66	512.15	512.07	0.07	ppb
Sodium	23-2	52334.74	52025.28	51971.70	52110.57	0.38	ppb
Strontium	86-1	506.18	509.06	502.24	505.83	0.68	ppb
Strontium	88-1	510.63	511.03	506.10	509.26	0.54	ppb
Sulfur	34-1	10344.74	10370.74	10191.72	10302.40	0.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	484.34	483.67	482.00	483.34	0.25	ppb
Thallium	205-1	501.83	500.86	500.60	501.10	0.13	ppb
Tin	118-1	514.15	511.21	510.25	511.87	0.40	ppb
Titanium	47-1	2490.23	2498.63	2501.48	2496.78	0.23	ppb
Uranium	238-1	484.46	487.80	489.93	487.39	0.57	ppb
Vanadium	51-2	499.53	498.29	500.98	499.60	0.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1000.94	1010.49	1005.72	1005.72	0.47	ppb
Zirconium	90-1	503.58	509.21	504.72	505.84	0.59	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BS	Instrumnet Name :	P7
Client Sample ID :	PB104120BS	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:22:33	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.98	502.79	498.88	499.88	0.51	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BSD	Instrumnet Name :	P7
Client Sample ID :	PB104120BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:26:06	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9958.35	9978.32	9988.75	9975.14	0.15	ppb
Antimony	121-1	500.13	503.30	499.70	501.05	0.39	ppb
Arsenic	75-2	504.06	511.16	509.63	508.28	0.74	ppb
Barium	135-1	2550.41	2548.96	2544.80	2548.05	0.11	ppb
Barium	137-1	2561.66	2552.71	2529.15	2547.84	0.66	ppb
Beryllium	9-1	491.38	494.12	491.22	492.24	0.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	473.19	496.68	491.26	487.04	2.53	ppb
Boron	11-1	481.89	495.04	496.14	491.02	1.61	ppb
Cadmium	111-1	524.91	518.07	520.70	521.23	0.66	ppb
Cadmium	106-1	528.09	529.14	528.83	528.69	0.10	ppb
Cadmium	108-1	525.09	518.14	523.06	522.10	0.68	ppb
Calcium	43-1	48788.31	48842.75	49181.95	48937.67	0.44	ppb
Calcium	44-1	49606.10	49333.99	49583.28	49507.79	0.30	ppb
Chromium	52-2	499.58	500.34	496.20	498.71	0.44	ppb
Cobalt	59-2	499.05	503.55	499.50	500.70	0.50	ppb
Copper	63-2	985.41	990.80	986.01	987.41	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26060.12	26014.78	25778.63	25951.18	0.58	ppb
Iron	57-2	25550.85	25428.56	25199.94	25393.12	0.70	ppb
Lead	206-1	494.51	495.10	497.40	495.67	0.31	ppb
Lead	207-1	498.24	497.23	499.37	498.28	0.21	ppb
Lead	208-1	501.16	501.45	502.88	501.83	0.18	ppb
Lithium	6-1						%
Magnesium	24-2	52368.15	52215.23	52046.95	52210.11	0.31	ppb
Manganese	55-2	1004.68	1001.15	997.88	1001.24	0.34	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BSD	Instrumnet Name :	P7
Client Sample ID :	PB104120BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:26:06	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2523.74	2496.49	2519.36	2513.20	0.58	ppb
Molybdenum	95-1	2508.16	2502.16	2504.97	2505.10	0.12	ppb
Molybdenum	96-1	2506.78	2512.21	2495.49	2504.82	0.34	ppb
Molybdenum	97-1	2498.69	2519.46	2500.54	2506.23	0.46	ppb
Molybdenum	98-1	2502.88	2521.82	2514.20	2512.97	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.17	500.54	500.32	500.67	0.09	ppb
Phosphorus	31-2	9934.66	10139.33	10276.23	10116.74	1.70	ppb
Potassium	39-2	25302.76	25421.33	25469.68	25397.92	0.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	526.09	523.16	533.26	527.50	0.98	ppb
Selenium	78-2	521.11	533.89	522.83	525.94	1.32	ppb
Selenium	82-1	513.88	517.62	513.26	514.92	0.46	ppb
Silicon	28-1	516.31	522.80	524.50	521.20	0.83	ppb
Silver	109-1	518.18	512.49	512.01	514.22	0.67	ppb
Silver	107-1	515.46	512.09	512.35	513.30	0.37	ppb
Sodium	23-2	52074.99	52011.48	51716.97	51934.48	0.37	ppb
Strontium	86-1	502.13	505.46	503.26	503.62	0.34	ppb
Strontium	88-1	507.55	510.35	506.83	508.24	0.37	ppb
Sulfur	34-1	10100.94	10121.62	10109.51	10110.69	0.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	486.11	485.53	488.17	486.60	0.28	ppb
Thallium	205-1	503.70	504.07	506.16	504.64	0.26	ppb
Tin	118-1	509.76	513.26	509.65	510.89	0.40	ppb
Titanium	47-1	2493.34	2505.02	2489.91	2496.09	0.32	ppb
Uranium	238-1	487.83	487.62	489.35	488.27	0.19	ppb
Vanadium	51-2	496.67	501.36	497.62	498.55	0.50	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1000.84	1005.61	988.85	998.43	0.86	ppb
Zirconium	90-1	506.46	503.46	504.77	504.90	0.30	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BSD	Instrumnet Name :	P7
Client Sample ID :	PB104120BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:26:06	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.75	496.88	496.82	496.15	0.24	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:29:39	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89355.25	88849.82	89226.96	89144.01	0.29	ppb
Antimony	121-1	554.27	549.46	548.23	550.65	0.58	ppb
Arsenic	75-2	2538.67	2528.21	2515.68	2527.52	0.46	ppb
Barium	135-1	1401.18	1398.00	1394.76	1397.98	0.23	ppb
Barium	137-1	1451.75	1445.83	1412.89	1436.82	1.46	ppb
Beryllium	9-1	628.95	620.18	611.85	620.33	1.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2455.98	2477.33	2482.00	2471.77	0.56	ppb
Boron	11-1	2531.99	2603.81	2569.45	2568.42	1.40	ppb
Cadmium	111-1	3407.83	3374.87	3394.19	3392.29	0.49	ppb
Cadmium	106-1	2810.56	2782.25	2793.52	2795.44	0.51	ppb
Cadmium	108-1	2996.85	2921.44	2934.43	2950.91	1.37	ppb
Calcium	43-1	152490.48	153747.39	153978.05	153405.31	0.52	ppb
Calcium	44-1	153564.57	155052.52	155367.52	154661.54	0.62	ppb
Chromium	52-2	3346.12	3334.32	3353.05	3344.50	0.28	ppb
Cobalt	59-2	580.62	582.16	588.09	583.62	0.68	ppb
Copper	63-2	1267.27	1267.56	1281.96	1272.26	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	139342.70	138385.54	139634.35	139120.86	0.47	ppb
Iron	57-2	139188.97	138169.49	140023.17	139127.21	0.67	ppb
Lead	206-1	1571.98	1594.48	1607.53	1591.33	1.13	ppb
Lead	207-1	1530.85	1537.12	1561.02	1543.00	1.03	ppb
Lead	208-1	1550.16	1554.79	1573.32	1559.42	0.79	ppb
Lithium	6-1						%
Magnesium	24-2	71343.69	70974.61	70756.70	71025.00	0.42	ppb
Manganese	55-2	10338.06	10286.16	10389.86	10338.03	0.50	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:29:39	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	582.71	586.14	586.55	585.14	0.36	ppb
Molybdenum	95-1	683.23	693.85	690.14	689.07	0.78	ppb
Molybdenum	96-1	673.50	680.56	677.97	677.34	0.53	ppb
Molybdenum	97-1	669.23	678.70	679.52	675.82	0.85	ppb
Molybdenum	98-1	705.83	701.39	705.47	704.23	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2309.75	2300.89	2322.65	2311.10	0.47	ppb
Phosphorus	31-2	3644.50	3529.98	3924.27	3699.58	5.48	ppb
Potassium	39-2	43837.28	43886.98	43992.52	43905.60	0.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2173.47	2110.45	2188.90	2157.60	1.93	ppb
Selenium	78-2	2022.97	2025.57	2045.58	2031.37	0.61	ppb
Selenium	82-1	2023.23	2023.55	2042.82	2029.86	0.55	ppb
Silicon	28-1	7938.63	7975.63	7849.45	7921.24	0.82	ppb
Silver	109-1	801.35	783.57	792.42	792.44	1.12	ppb
Silver	107-1	805.64	783.28	784.67	791.20	1.58	ppb
Sodium	23-2	69956.14	69271.68	69202.35	69476.72	0.60	ppb
Strontium	86-1	722.38	724.31	730.89	725.86	0.62	ppb
Strontium	88-1	735.59	736.90	740.70	737.73	0.36	ppb
Sulfur	34-1	2889.62	2819.33	2723.04	2810.66	2.98	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	2763.60	2775.46	2798.49	2779.18	0.64	ppb
Thallium	205-1	2764.03	2798.09	2801.28	2787.80	0.74	ppb
Tin	118-1	1159.03	1141.46	1138.49	1146.33	0.97	ppb
Titanium	47-1	3158.13	3158.02	3167.27	3161.14	0.17	ppb
Uranium	238-1	494.54	499.53	505.99	500.02	1.15	ppb
Vanadium	51-2	2217.24	2204.05	2221.47	2214.25	0.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4647.75	4657.88	4702.53	4669.39	0.62	ppb
Zirconium	90-1	72.45	73.23	72.58	72.75	0.58	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:29:39	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	74.44	74.41	74.60	74.48	0.14	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2017-11-14 13:33:12	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45197.96	45289.51	44896.84	45128.10	0.46	ppb
Antimony	121-1	276.27	275.45	275.11	275.61	0.22	ppb
Arsenic	75-2	1432.12	1433.42	1443.38	1436.30	0.43	ppb
Barium	135-1	700.83	697.01	696.71	698.18	0.33	ppb
Barium	137-1	708.29	709.37	709.64	709.10	0.10	ppb
Beryllium	9-1	407.50	407.82	403.11	406.14	0.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1606.90	1627.42	1645.67	1626.67	1.19	ppb
Boron	11-1	1653.81	1676.31	1684.99	1671.70	0.96	ppb
Cadmium	111-1	1676.40	1675.70	1675.81	1675.97	0.02	ppb
Cadmium	106-1	1435.05	1414.16	1418.26	1422.49	0.78	ppb
Cadmium	108-1	1511.23	1496.11	1499.59	1502.31	0.53	ppb
Calcium	43-1	78435.82	78457.68	78654.75	78516.09	0.15	ppb
Calcium	44-1	79527.97	78923.33	79552.09	79334.46	0.45	ppb
Chromium	52-2	1710.47	1723.47	1708.84	1714.26	0.47	ppb
Cobalt	59-2	305.06	307.35	304.78	305.73	0.46	ppb
Copper	63-2	669.61	673.93	672.86	672.13	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	72701.13	72645.52	72143.33	72496.66	0.42	ppb
Iron	57-2	71067.74	72067.48	71433.54	71522.92	0.71	ppb
Lead	206-1	812.83	819.00	816.10	815.98	0.38	ppb
Lead	207-1	775.00	782.60	777.68	778.43	0.50	ppb
Lead	208-1	794.23	800.76	801.78	798.92	0.51	ppb
Lithium	6-1						%
Magnesium	24-2	36694.26	36359.89	36388.14	36480.76	0.51	ppb
Manganese	55-2	5354.76	5342.84	5342.45	5346.68	0.13	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2017-11-14 13:33:12	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	328.83	328.95	329.61	329.13	0.13	ppb
Molybdenum	95-1	387.19	388.46	388.23	387.96	0.17	ppb
Molybdenum	96-1	383.78	379.44	381.73	381.65	0.57	ppb
Molybdenum	97-1	384.23	382.95	384.09	383.75	0.18	ppb
Molybdenum	98-1	392.61	388.71	386.57	389.30	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1221.66	1227.07	1215.76	1221.50	0.46	ppb
Phosphorus	31-2	1999.27	1751.85	2022.08	1924.40	7.79	ppb
Potassium	39-2	22426.72	22593.92	22344.00	22454.88	0.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1244.17	1277.91	1238.74	1253.60	1.69	ppb
Selenium	78-2	1199.37	1180.55	1195.51	1191.81	0.83	ppb
Selenium	82-1	1181.77	1177.01	1174.97	1177.92	0.30	ppb
Silicon	28-1	3984.72	3957.67	3941.86	3961.42	0.55	ppb
Silver	109-1	390.30	389.10	389.30	389.57	0.16	ppb
Silver	107-1	385.23	383.93	383.31	384.16	0.25	ppb
Sodium	23-2	35563.55	35503.31	35151.01	35405.96	0.63	ppb
Strontium	86-1	412.40	411.83	411.46	411.90	0.12	ppb
Strontium	88-1	418.52	416.81	416.78	417.37	0.24	ppb
Sulfur	34-1	593.43	600.04	490.76	561.41	10.91	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1439.53	1462.05	1444.96	1448.85	0.81	ppb
Thallium	205-1	1448.71	1459.68	1453.74	1454.04	0.38	ppb
Tin	118-1	557.79	560.71	558.06	558.85	0.29	ppb
Titanium	47-1	1627.45	1617.96	1621.99	1622.47	0.29	ppb
Uranium	238-1	253.58	254.71	255.16	254.49	0.32	ppb
Vanadium	51-2	1135.76	1136.23	1126.79	1132.93	0.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2501.74	2517.31	2508.43	2509.16	0.31	ppb
Zirconium	90-1	40.85	41.02	41.39	41.08	0.67	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2017-11-14 13:33:12	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	41.76	41.90	41.99	41.88	0.27	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 13:36:45	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18506.34	18674.52	18770.47	18650.44	0.72	ppb
Antimony	121-1	110.76	111.51	111.17	111.15	0.34	ppb
Arsenic	75-2	630.98	628.96	632.27	630.73	0.26	ppb
Barium	135-1	279.17	283.53	279.44	280.71	0.87	ppb
Barium	137-1	281.12	284.52	283.41	283.02	0.61	ppb
Beryllium	9-1	206.91	205.92	205.35	206.06	0.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	837.98	855.25	849.03	847.42	1.03	ppb
Boron	11-1	854.60	864.40	865.39	861.46	0.69	ppb
Cadmium	111-1	681.97	679.32	675.70	679.00	0.46	ppb
Cadmium	106-1	584.11	600.87	574.60	586.53	2.27	ppb
Cadmium	108-1	610.98	613.49	609.07	611.18	0.36	ppb
Calcium	43-1	32045.91	32061.66	32130.45	32079.34	0.14	ppb
Calcium	44-1	32670.30	32667.19	32840.70	32726.06	0.30	ppb
Chromium	52-2	697.78	695.77	699.78	697.78	0.29	ppb
Cobalt	59-2	126.35	125.67	126.32	126.11	0.31	ppb
Copper	63-2	277.61	278.14	281.13	278.96	0.68	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29912.56	29994.83	29879.45	29928.95	0.20	ppb
Iron	57-2	29360.09	29308.06	29258.85	29309.00	0.17	ppb
Lead	206-1	324.66	325.11	321.88	323.89	0.54	ppb
Lead	207-1	310.12	311.11	308.39	309.87	0.44	ppb
Lead	208-1	316.35	317.09	315.54	316.33	0.24	ppb
Lithium	6-1						%
Magnesium	24-2	14788.59	14816.71	14798.80	14801.37	0.10	ppb
Manganese	55-2	2173.45	2187.80	2181.50	2180.92	0.33	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 13:36:45	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	143.71	143.15	143.70	143.52	0.22	ppb
Molybdenum	95-1	169.90	169.13	168.70	169.24	0.36	ppb
Molybdenum	96-1	167.40	166.58	164.47	166.15	0.91	ppb
Molybdenum	97-1	166.27	165.69	165.32	165.76	0.29	ppb
Molybdenum	98-1	169.78	168.65	168.82	169.09	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.74	507.17	508.44	507.45	0.17	ppb
Phosphorus	31-2	813.42	845.38	836.71	831.83	1.99	ppb
Potassium	39-2	9073.97	9171.76	9174.25	9139.99	0.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	541.36	569.08	558.71	556.38	2.52	ppb
Selenium	78-2	526.71	512.99	534.04	524.58	2.04	ppb
Selenium	82-1	525.93	525.25	525.55	525.58	0.06	ppb
Silicon	28-1	1618.62	1615.55	1618.00	1617.39	0.10	ppb
Silver	109-1	157.44	157.93	155.68	157.02	0.75	ppb
Silver	107-1	155.35	155.54	153.77	154.88	0.63	ppb
Sodium	23-2	14556.09	14691.24	14609.76	14619.03	0.47	ppb
Strontium	86-1	181.69	177.40	179.04	179.38	1.21	ppb
Strontium	88-1	181.78	180.80	179.76	180.78	0.56	ppb
Sulfur	34-1	-635.87	-734.02	-725.79	-698.56		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	564.02	562.66	561.54	562.74	0.22	ppb
Thallium	205-1	583.27	581.50	581.10	581.96	0.20	ppb
Tin	118-1	224.82	226.52	223.41	224.92	0.69	ppb
Titanium	47-1	669.02	654.26	663.48	662.25	1.13	ppb
Uranium	238-1	98.84	98.77	97.32	98.31	0.87	ppb
Vanadium	51-2	460.09	460.72	462.99	461.26	0.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1048.02	1059.38	1057.66	1055.02	0.58	ppb
Zirconium	90-1	17.99	18.01	17.85	17.95	0.48	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 13:36:45	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	18.41	18.42	18.25	18.36	0.52	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2017-11-14 13:40:17	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9446.85	9484.14	9631.93	9520.98	1.03	ppb
Antimony	121-1	55.87	56.31	56.04	56.07	0.39	ppb
Arsenic	75-2	325.01	326.31	326.23	325.85	0.22	ppb
Barium	135-1	139.57	142.11	140.87	140.85	0.90	ppb
Barium	137-1	142.42	143.06	141.58	142.36	0.52	ppb
Beryllium	9-1	113.67	115.50	116.48	115.22	1.24	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	477.39	481.23	492.95	483.86	1.68	ppb
Boron	11-1	481.90	490.00	491.58	487.83	1.06	ppb
Cadmium	111-1	343.55	343.76	341.84	343.05	0.31	ppb
Cadmium	106-1	285.86	285.37	297.17	289.47	2.31	ppb
Cadmium	108-1	307.56	310.75	311.31	309.87	0.65	ppb
Calcium	43-1	16235.80	16089.81	16198.99	16174.86	0.47	ppb
Calcium	44-1	16490.99	16441.44	16527.59	16486.67	0.26	ppb
Chromium	52-2	351.02	350.72	356.12	352.62	0.86	ppb
Cobalt	59-2	63.66	63.73	64.56	63.98	0.78	ppb
Copper	63-2	140.22	141.24	142.54	141.33	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	15194.28	15158.57	15438.80	15263.88	1.00	ppb
Iron	57-2	14783.77	14784.42	14865.60	14811.26	0.32	ppb
Lead	206-1	161.32	160.87	161.37	161.19	0.17	ppb
Lead	207-1	153.81	154.41	154.14	154.12	0.19	ppb
Lead	208-1	156.97	156.91	157.40	157.09	0.17	ppb
Lithium	6-1						%
Magnesium	24-2	7450.81	7464.22	7540.12	7485.05	0.64	ppb
Manganese	55-2	1100.07	1098.16	1109.49	1102.58	0.55	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2017-11-14 13:40:17	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	73.90	73.05	73.07	73.34	0.66	ppb
Molybdenum	95-1	85.53	86.65	86.39	86.19	0.68	ppb
Molybdenum	96-1	84.68	84.92	84.64	84.74	0.18	ppb
Molybdenum	97-1	85.79	83.73	84.74	84.75	1.22	ppb
Molybdenum	98-1	86.53	86.45	86.07	86.35	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.72	256.06	260.45	257.74	0.92	ppb
Phosphorus	31-2	412.06	399.46	374.00	395.18	4.91	ppb
Potassium	39-2	4634.44	4605.01	4655.03	4631.49	0.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	286.09	314.22	269.20	289.84	7.85	ppb
Selenium	78-2	276.00	286.16	275.54	279.24	2.15	ppb
Selenium	82-1	269.33	275.34	272.07	272.25	1.10	ppb
Silicon	28-1	818.81	817.17	815.80	817.26	0.18	ppb
Silver	109-1	79.19	80.15	79.55	79.63	0.61	ppb
Silver	107-1	78.72	78.81	78.06	78.53	0.52	ppb
Sodium	23-2	7356.58	7321.57	7394.39	7357.51	0.49	ppb
Strontium	86-1	92.51	92.06	92.93	92.50	0.47	ppb
Strontium	88-1	92.23	92.77	91.91	92.30	0.47	ppb
Sulfur	34-1	-1029.56	-1087.90	-1009.78	-1042.41		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	275.03	275.74	275.02	275.27	0.15	ppb
Thallium	205-1	285.28	284.05	284.61	284.65	0.22	ppb
Tin	118-1	113.03	113.92	112.99	113.31	0.47	ppb
Titanium	47-1	335.64	335.13	335.01	335.26	0.10	ppb
Uranium	238-1	48.50	48.51	48.13	48.38	0.45	ppb
Vanadium	51-2	233.25	231.60	234.64	233.16	0.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	537.79	534.30	545.47	539.19	1.06	ppb
Zirconium	90-1	9.06	9.06	9.17	9.10	0.66	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2017-11-14 13:40:17	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	9.05	9.55	9.41	9.33	2.78	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:52:18	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50728.43	51117.07	50977.00	50940.83	0.39	ppb
Antimony	121-1	479.66	485.21	481.97	482.28	0.58	ppb
Arsenic	75-2	507.68	502.75	507.68	506.04	0.56	ppb
Barium	135-1	2481.92	2485.35	2467.91	2478.39	0.37	ppb
Barium	137-1	2535.08	2549.49	2535.39	2539.99	0.32	ppb
Beryllium	9-1	505.71	508.40	508.05	507.39	0.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	498.53	527.81	516.95	514.43	2.88	ppb
Boron	11-1	510.56	527.82	523.74	520.70	1.73	ppb
Cadmium	111-1	487.09	487.26	483.96	486.10	0.38	ppb
Cadmium	106-1	501.77	494.01	485.68	493.82	1.63	ppb
Cadmium	108-1	491.28	495.59	493.37	493.41	0.44	ppb
Calcium	43-1	252642.04	252497.87	253540.85	252893.59	0.22	ppb
Calcium	44-1	251155.39	251312.32	252441.09	251636.27	0.28	ppb
Chromium	52-2	510.50	512.68	509.40	510.86	0.33	ppb
Cobalt	59-2	494.17	499.75	496.72	496.88	0.56	ppb
Copper	63-2	962.54	971.34	965.06	966.31	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	126401.41	128092.03	126936.94	127143.46	0.68	ppb
Iron	57-2	127601.74	128730.20	127280.98	127870.97	0.60	ppb
Lead	206-1	506.84	505.54	508.53	506.97	0.30	ppb
Lead	207-1	509.90	510.82	507.37	509.36	0.35	ppb
Lead	208-1	515.24	516.30	514.43	515.32	0.18	ppb
Lithium	6-1						%
Magnesium	24-2	257389.60	257983.94	257311.87	257561.81	0.14	ppb
Manganese	55-2	1007.81	1019.16	1009.05	1012.01	0.62	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:52:18	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2546.22	2545.73	2547.49	2546.48	0.04	ppb
Molybdenum	95-1	2534.50	2548.62	2531.86	2538.32	0.36	ppb
Molybdenum	96-1	2543.67	2548.59	2539.49	2543.92	0.18	ppb
Molybdenum	97-1	2552.84	2543.93	2547.49	2548.09	0.18	ppb
Molybdenum	98-1	2546.72	2544.99	2555.07	2548.93	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.62	498.00	494.50	496.37	0.35	ppb
Phosphorus	31-2	10139.63	10285.83	10279.54	10235.00	0.81	ppb
Potassium	39-2	127553.73	127901.60	127419.98	127625.10	0.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	549.65	499.45	512.74	520.61	5.00	ppb
Selenium	78-2	525.43	503.23	524.89	517.85	2.45	ppb
Selenium	82-1	490.12	496.13	491.66	492.63	0.63	ppb
Silicon	28-1	472.00	477.40	483.87	477.76	1.24	ppb
Silver	109-1	478.24	482.57	481.36	480.72	0.47	ppb
Silver	107-1	475.19	477.47	475.25	475.97	0.27	ppb
Sodium	23-2	256922.42	258426.79	255969.29	257106.17	0.48	ppb
Strontium	86-1	521.47	517.51	516.87	518.62	0.48	ppb
Strontium	88-1	528.08	528.18	526.84	527.70	0.14	ppb
Sulfur	34-1	9742.36	9790.87	9778.05	9770.43	0.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	498.22	500.07	495.78	498.03	0.43	ppb
Thallium	205-1	520.67	524.02	520.08	521.59	0.41	ppb
Tin	118-1	495.64	494.09	493.14	494.29	0.26	ppb
Titanium	47-1	2528.28	2522.24	2514.33	2521.62	0.28	ppb
Uranium	238-1	521.22	520.77	517.26	519.75	0.42	ppb
Vanadium	51-2	506.14	516.07	510.62	510.94	0.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	975.72	982.05	968.53	975.43	0.69	ppb
Zirconium	90-1	513.82	513.74	514.29	513.95	0.06	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:52:18	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.07	501.11	505.04	502.41	0.45	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 14:06:36	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.08	19.91	20.97	20.32	2.81	ppb
Antimony	121-1	2.02	1.97	1.99	1.99	1.14	ppb
Arsenic	75-2	0.88	1.01	0.96	0.95	6.60	ppb
Barium	135-1	9.11	8.76	9.03	8.97	2.06	ppb
Barium	137-1	9.34	9.31	9.16	9.27	1.02	ppb
Beryllium	9-1	1.05	1.15	1.07	1.09	4.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	32.09	31.72	33.04	32.28	2.11	ppb
Boron	11-1	31.95	33.31	31.73	32.33	2.65	ppb
Cadmium	111-1	0.68	0.86	0.82	0.79	11.74	ppb
Cadmium	106-1	-2.07	-1.18	-2.15	-1.80		ppb
Cadmium	108-1	0.95	1.04	1.12	1.04	8.27	ppb
Calcium	43-1	446.20	470.82	438.68	451.90	3.72	ppb
Calcium	44-1	445.05	462.27	439.97	449.09	2.60	ppb
Chromium	52-2	2.00	2.00	2.12	2.04	3.37	ppb
Cobalt	59-2	1.04	0.95	0.99	0.99	4.67	ppb
Copper	63-2	1.78	1.85	1.92	1.85	3.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50.15	50.14	51.26	50.52	1.28	ppb
Iron	57-2	49.75	50.78	49.15	49.90	1.65	ppb
Lead	206-1	1.06	1.09	1.01	1.05	3.86	ppb
Lead	207-1	1.07	1.08	1.04	1.06	1.87	ppb
Lead	208-1	1.04	1.06	0.99	1.03	3.24	ppb
Lithium	6-1						%
Magnesium	24-2	462.76	482.73	470.67	472.05	2.13	ppb
Manganese	55-2	1.09	0.99	1.06	1.05	5.20	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 14:06:36	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.86	4.89	4.76	4.84	1.45	ppb
Molybdenum	95-1	4.66	4.56	4.57	4.60	1.16	ppb
Molybdenum	96-1	4.71	4.72	4.57	4.67	1.73	ppb
Molybdenum	97-1	4.49	4.57	4.53	4.53	0.81	ppb
Molybdenum	98-1	4.79	4.62	4.39	4.60	4.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.83	0.75	0.81	6.67	ppb
Phosphorus	31-2	-2.73	2.44	-2.45	-0.92		ppb
Potassium	39-2	479.38	458.43	470.91	469.57	2.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.15	5.07	2.53	3.58	37.04	ppb
Selenium	78-2	6.81	4.30	5.72	5.61	22.48	ppb
Selenium	82-1	4.58	4.92	4.31	4.61	6.70	ppb
Silicon	28-1	9.51	10.32	8.57	9.46	9.27	ppb
Silver	109-1	1.03	1.00	0.93	0.99	5.18	ppb
Silver	107-1	0.98	1.00	0.96	0.98	2.23	ppb
Sodium	23-2	496.92	509.04	508.19	504.72	1.34	ppb
Strontium	86-1	1.04	0.84	0.95	0.94	10.68	ppb
Strontium	88-1	1.01	1.01	0.90	0.97	6.33	ppb
Sulfur	34-1	-635.82	-529.14	-723.36	-629.44		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.91	0.95	0.88	0.91	3.61	ppb
Thallium	205-1	0.97	1.01	0.95	0.98	3.17	ppb
Tin	118-1	4.67	4.80	4.59	4.69	2.30	ppb
Titanium	47-1	4.77	4.86	4.97	4.87	2.01	ppb
Uranium	238-1	0.84	0.85	0.82	0.84	1.91	ppb
Vanadium	51-2	4.44	4.60	4.44	4.49	2.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.02	3.17	2.96	3.05	3.57	ppb
Zirconium	90-1	1.02	1.10	0.97	1.03	6.60	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 14:06:36	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.06	1.05	0.95	1.02	5.65	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 14:10:25	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.75	1.35	1.09	1.06	28.45	ppb
Antimony	121-1	0.13	0.11	0.11	0.12	8.70	ppb
Arsenic	75-2	0.01	0.04	0.01	0.02	94.72	ppb
Barium	135-1	0.02	-0.03	-0.04	-0.02		ppb
Barium	137-1	0.00	0.02	0.02	0.02	65.35	ppb
Beryllium	9-1	0.08	0.07	0.06	0.07	13.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.52	9.78	8.77	9.36	5.63	ppb
Boron	11-1	10.25	9.45	9.76	9.82	4.10	ppb
Cadmium	111-1	-0.07	-0.04	-0.07	-0.06		ppb
Cadmium	106-1	-1.20	-1.07	-1.53	-1.27		ppb
Cadmium	108-1	0.00	-0.02	-0.05	-0.02		ppb
Calcium	43-1	-2.22	3.53	1.61	0.97	300.43	ppb
Calcium	44-1	-8.70	-9.54	-9.82	-9.35		ppb
Chromium	52-2	-0.01	0.02	0.01	0.01	151.54	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.10	-0.16	-0.13	-0.13		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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.09	1.73	1.75	1.85	10.87	ppb
Iron	57-2	2.17	3.20	2.47	2.61	20.27	ppb
Lead	206-1	0.11	0.13	0.11	0.12	10.07	ppb
Lead	207-1	0.12	0.11	0.13	0.12	8.77	ppb
Lead	208-1	0.11	0.11	0.12	0.11	6.41	ppb
Lithium	6-1						%
Magnesium	24-2	-1.35	-1.60	-1.84	-1.60		ppb
Manganese	55-2	0.06	0.06	0.02	0.05	47.59	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 14:10:25	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.10	0.13	0.10	21.24	ppb
Molybdenum	95-1	0.08	0.10	0.07	0.08	16.21	ppb
Molybdenum	96-1	0.10	0.10	0.07	0.09	16.65	ppb
Molybdenum	97-1	0.08	0.11	0.06	0.08	27.42	ppb
Molybdenum	98-1	0.07	0.07	0.10	0.08	19.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.28	-0.22	-0.32	-0.27		ppb
Phosphorus	31-2	-4.85	-4.83	2.23	-2.49		ppb
Potassium	39-2	4.98	7.41	8.51	6.97	25.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.48	-0.44	0.56	0.20	283.75	ppb
Selenium	82-1	-0.03	-0.15	-0.42	-0.20		ppb
Silicon	28-1	-3.14	-3.12	-3.50	-3.26		ppb
Silver	109-1	0.04	0.03	0.03	0.03	21.03	ppb
Silver	107-1	0.04	0.05	0.04	0.04	5.68	ppb
Sodium	23-2	24.47	24.06	23.74	24.09	1.51	ppb
Strontium	86-1	0.01	0.01	-0.02	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	13.13	ppb
Sulfur	34-1	-694.54	-668.54	-641.28	-668.12		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.02	0.03	24.59	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.77	ppb
Tin	118-1	0.14	0.21	0.21	0.19	21.26	ppb
Titanium	47-1	0.05	0.04	0.07	0.05	28.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	8.31	ppb
Vanadium	51-2	0.03	0.01	0.00	0.02	94.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.22	0.14	0.17	0.03	679.02	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	30.36	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 14:10:25	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.03	0.02	31.47	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL2REX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 14:14:12	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18876.87	18838.94	18684.63	18800.14	0.54	ppb
Antimony	121-1	112.81	112.06	112.64	112.50	0.35	ppb
Arsenic	75-2	628.56	628.47	634.29	630.44	0.53	ppb
Barium	135-1	284.14	283.28	282.03	283.15	0.37	ppb
Barium	137-1	285.74	286.35	285.79	285.96	0.12	ppb
Beryllium	9-1	214.33	212.30	210.72	212.45	0.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	777.67	788.11	811.11	792.30	2.16	ppb
Boron	11-1	786.40	806.94	813.95	802.43	1.78	ppb
Cadmium	111-1	691.83	689.36	684.29	688.50	0.56	ppb
Cadmium	106-1	584.82	588.23	589.41	587.49	0.41	ppb
Cadmium	108-1	631.52	621.32	627.48	626.77	0.82	ppb
Calcium	43-1	32467.72	31887.38	31796.92	32050.67	1.14	ppb
Calcium	44-1	32820.52	32520.87	32625.73	32655.70	0.47	ppb
Chromium	52-2	694.43	698.45	690.90	694.59	0.54	ppb
Cobalt	59-2	124.89	125.35	124.68	124.97	0.27	ppb
Copper	63-2	277.39	276.60	273.86	275.95	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29986.21	29773.12	29405.05	29721.46	0.99	ppb
Iron	57-2	29166.24	29113.86	28933.77	29071.29	0.42	ppb
Lead	206-1	322.39	322.99	318.89	321.42	0.69	ppb
Lead	207-1	310.17	309.38	307.46	309.01	0.45	ppb
Lead	208-1	316.29	315.70	312.92	314.97	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	15026.96	14927.57	14899.55	14951.36	0.45	ppb
Manganese	55-2	2178.77	2182.07	2158.42	2173.09	0.59	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL2REX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 14:14:12	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	141.71	143.03	144.67	143.14	1.04	ppb
Molybdenum	95-1	166.14	169.50	167.47	167.71	1.01	ppb
Molybdenum	96-1	163.54	164.88	164.91	164.44	0.48	ppb
Molybdenum	97-1	166.05	164.89	165.94	165.63	0.39	ppb
Molybdenum	98-1	167.96	168.14	168.09	168.06	0.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.07	504.43	500.67	502.39	0.38	ppb
Phosphorus	31-2	818.18	826.08	825.14	823.13	0.52	ppb
Potassium	39-2	9279.55	9298.14	9170.40	9249.36	0.75	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	545.47	592.80	543.94	560.73	4.95	ppb
Selenium	78-2	519.43	538.69	532.26	530.13	1.85	ppb
Selenium	82-1	523.35	527.16	525.37	525.30	0.36	ppb
Silicon	28-1	1651.45	1647.63	1640.68	1646.58	0.33	ppb
Silver	109-1	159.62	159.03	158.48	159.04	0.36	ppb
Silver	107-1	157.07	157.78	157.17	157.34	0.24	ppb
Sodium	23-2	14786.88	14685.19	14513.36	14661.81	0.94	ppb
Strontium	86-1	178.91	180.31	179.43	179.55	0.39	ppb
Strontium	88-1	180.82	181.02	179.55	180.47	0.44	ppb
Sulfur	34-1	-106.69	-101.69	-256.22	-154.87		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	555.66	555.54	553.46	554.89	0.22	ppb
Thallium	205-1	574.13	579.63	576.07	576.61	0.48	ppb
Tin	118-1	227.27	225.97	228.16	227.13	0.49	ppb
Titanium	47-1	671.99	666.87	658.16	665.67	1.05	ppb
Uranium	238-1	98.15	97.80	98.09	98.02	0.19	ppb
Vanadium	51-2	463.06	461.55	456.67	460.43	0.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1056.91	1048.28	1034.82	1046.67	1.06	ppb
Zirconium	90-1	17.98	18.08	17.99	18.01	0.30	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL2REX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 14:14:12	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	18.47	18.33	18.34	18.38	0.41	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL3REX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3RE	Dilution Factor :	10
Date & Time Acquired ::	2017-11-14 14:19:17	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9523.17	9587.45	9531.83	9547.48	0.37	ppb
Antimony	121-1	56.65	56.75	55.98	56.46	0.73	ppb
Arsenic	75-2	331.10	324.81	324.26	326.72	1.16	ppb
Barium	135-1	141.13	142.64	140.97	141.58	0.65	ppb
Barium	137-1	143.86	143.14	141.58	142.86	0.82	ppb
Beryllium	9-1	116.70	116.15	115.38	116.08	0.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	430.85	439.41	437.74	436.00	1.04	ppb
Boron	11-1	434.34	441.90	450.64	442.29	1.84	ppb
Cadmium	111-1	348.41	348.51	344.79	347.24	0.61	ppb
Cadmium	106-1	295.74	301.39	290.19	295.78	1.89	ppb
Cadmium	108-1	317.87	315.98	314.05	315.97	0.61	ppb
Calcium	43-1	16243.46	16158.41	16148.62	16183.50	0.32	ppb
Calcium	44-1	16407.43	16533.78	16453.69	16464.96	0.39	ppb
Chromium	52-2	351.41	353.69	350.07	351.72	0.52	ppb
Cobalt	59-2	63.83	63.59	63.31	63.58	0.41	ppb
Copper	63-2	140.98	139.76	138.70	139.81	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	15192.96	15090.07	15038.92	15107.32	0.52	ppb
Iron	57-2	14812.42	14919.59	14737.50	14823.17	0.62	ppb
Lead	206-1	158.54	159.34	160.50	159.46	0.62	ppb
Lead	207-1	152.42	152.38	153.58	152.79	0.45	ppb
Lead	208-1	155.40	155.52	156.20	155.71	0.28	ppb
Lithium	6-1						%
Magnesium	24-2	7545.92	7628.65	7525.87	7566.81	0.72	ppb
Manganese	55-2	1101.09	1102.55	1096.33	1099.99	0.30	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL3REX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3RE	Dilution Factor :	10
Date & Time Acquired ::	2017-11-14 14:19:17	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	73.87	73.58	73.25	73.56	0.42	ppb
Molybdenum	95-1	86.42	86.11	86.08	86.20	0.22	ppb
Molybdenum	96-1	84.96	84.79	84.95	84.90	0.12	ppb
Molybdenum	97-1	84.89	85.43	85.05	85.12	0.33	ppb
Molybdenum	98-1	86.31	86.40	85.72	86.14	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.28	255.82	254.30	255.80	0.58	ppb
Phosphorus	31-2	387.43	391.60	315.67	364.90	11.70	ppb
Potassium	39-2	4670.69	4666.99	4619.90	4652.53	0.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	289.26	265.98	295.99	283.74	5.55	ppb
Selenium	78-2	272.81	285.01	279.37	279.06	2.19	ppb
Selenium	82-1	274.43	274.30	273.40	274.04	0.20	ppb
Silicon	28-1	830.90	822.79	865.50	839.73	2.70	ppb
Silver	109-1	80.14	80.41	79.59	80.05	0.52	ppb
Silver	107-1	80.13	79.96	79.00	79.70	0.77	ppb
Sodium	23-2	7460.80	7510.94	7420.91	7464.22	0.60	ppb
Strontium	86-1	93.83	92.09	91.48	92.47	1.32	ppb
Strontium	88-1	92.45	92.59	92.19	92.41	0.22	ppb
Sulfur	34-1	-636.80	-634.88	-694.16	-655.28		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	270.77	272.31	272.92	272.00	0.41	ppb
Thallium	205-1	279.31	281.60	282.57	281.16	0.60	ppb
Tin	118-1	114.02	113.46	113.22	113.57	0.36	ppb
Titanium	47-1	333.16	335.56	333.67	334.13	0.38	ppb
Uranium	238-1	48.56	48.54	48.21	48.44	0.40	ppb
Vanadium	51-2	233.10	232.97	230.26	232.11	0.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	537.42	538.52	527.50	534.48	1.14	ppb
Zirconium	90-1	9.20	9.04	9.10	9.11	0.91	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL3REX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3RE	Dilution Factor :	10
Date & Time Acquired ::	2017-11-14 14:19:17	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	9.33	9.51	9.20	9.35	1.62	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DLREX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	2
Date & Time Acquired ::	2017-11-14 14:39:27	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45461.87	45284.38	45821.96	45522.74	0.60	ppb
Antimony	121-1	278.07	276.10	275.11	276.43	0.54	ppb
Arsenic	75-2	1439.87	1427.73	1427.12	1431.57	0.50	ppb
Barium	135-1	701.63	691.58	696.01	696.41	0.72	ppb
Barium	137-1	706.19	703.10	706.40	705.23	0.26	ppb
Beryllium	9-1	415.19	413.34	411.42	413.32	0.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1544.93	1588.74	1581.05	1571.57	1.49	ppb
Boron	11-1	1582.30	1612.40	1637.71	1610.80	1.72	ppb
Cadmium	111-1	1676.28	1672.76	1664.84	1671.30	0.35	ppb
Cadmium	106-1	1438.23	1432.20	1422.45	1430.96	0.56	ppb
Cadmium	108-1	1514.49	1517.47	1516.78	1516.25	0.10	ppb
Calcium	43-1	78723.67	78905.38	79087.36	78905.47	0.23	ppb
Calcium	44-1	79396.85	79345.30	79344.29	79362.15	0.04	ppb
Chromium	52-2	1718.00	1727.74	1733.42	1726.39	0.45	ppb
Cobalt	59-2	305.80	309.91	311.25	308.99	0.92	ppb
Copper	63-2	681.20	682.67	683.51	682.46	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	72673.19	72620.64	73001.78	72765.20	0.28	ppb
Iron	57-2	72403.31	72366.22	72528.29	72432.61	0.12	ppb
Lead	206-1	795.54	795.88	790.91	794.11	0.35	ppb
Lead	207-1	765.06	763.44	768.91	765.81	0.37	ppb
Lead	208-1	788.17	789.68	791.32	789.72	0.20	ppb
Lithium	6-1						%
Magnesium	24-2	36620.61	36457.34	36581.56	36553.17	0.23	ppb
Manganese	55-2	5366.37	5369.59	5382.25	5372.74	0.16	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DLREX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	2
Date & Time Acquired ::	2017-11-14 14:39:27	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	329.91	331.56	329.34	330.27	0.35	ppb
Molybdenum	95-1	388.98	388.87	383.33	387.06	0.84	ppb
Molybdenum	96-1	378.63	382.32	377.24	379.40	0.69	ppb
Molybdenum	97-1	383.85	385.33	379.03	382.74	0.86	ppb
Molybdenum	98-1	390.39	391.53	387.53	389.82	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1236.80	1233.62	1243.26	1237.90	0.40	ppb
Phosphorus	31-2	1835.36	1911.59	1939.17	1895.37	2.84	ppb
Potassium	39-2	22434.03	22425.37	22504.92	22454.78	0.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1217.81	1274.42	1235.37	1242.53	2.33	ppb
Selenium	78-2	1175.22	1190.99	1178.08	1181.43	0.71	ppb
Selenium	82-1	1176.09	1178.37	1171.81	1175.42	0.28	ppb
Silicon	28-1	3950.20	3917.71	3868.19	3912.04	1.06	ppb
Silver	109-1	389.51	388.75	384.07	387.44	0.76	ppb
Silver	107-1	383.75	386.07	383.03	384.28	0.41	ppb
Sodium	23-2	35429.74	35338.21	35519.45	35429.13	0.26	ppb
Strontium	86-1	412.38	410.84	413.90	412.37	0.37	ppb
Strontium	88-1	417.11	417.72	416.13	416.99	0.19	ppb
Sulfur	34-1	1134.96	1011.84	1011.86	1052.89	6.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1409.97	1403.68	1409.40	1407.68	0.25	ppb
Thallium	205-1	1424.97	1414.63	1410.80	1416.80	0.52	ppb
Tin	118-1	561.49	560.02	559.83	560.45	0.16	ppb
Titanium	47-1	1633.72	1624.46	1622.08	1626.75	0.38	ppb
Uranium	238-1	254.39	253.96	253.82	254.06	0.12	ppb
Vanadium	51-2	1134.93	1134.44	1141.65	1137.01	0.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2532.89	2545.23	2558.55	2545.56	0.50	ppb
Zirconium	90-1	41.26	41.06	41.18	41.17	0.25	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DLREX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	2
Date & Time Acquired ::	2017-11-14 14:39:27	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	41.56	41.50	41.95	41.67	0.58	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BSRE	Instrumnet Name :	P7
Client Sample ID :	PB104120BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:05:57	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50876.04	51465.56	51224.76	51188.79	0.58	ppb
Antimony	121-1	487.82	488.13	486.87	487.61	0.13	ppb
Arsenic	75-2	503.24	507.50	503.18	504.64	0.49	ppb
Barium	135-1	2502.26	2498.28	2482.20	2494.25	0.43	ppb
Barium	137-1	2566.71	2556.20	2545.40	2556.10	0.42	ppb
Beryllium	9-1	511.33	507.74	508.65	509.24	0.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	501.38	505.66	505.41	504.15	0.48	ppb
Boron	11-1	496.19	499.90	509.47	501.86	1.37	ppb
Cadmium	111-1	494.70	496.84	496.04	495.86	0.22	ppb
Cadmium	106-1	508.23	513.46	513.26	511.65	0.58	ppb
Cadmium	108-1	498.29	506.56	507.10	503.98	0.98	ppb
Calcium	43-1	253226.13	253656.65	251500.80	252794.52	0.45	ppb
Calcium	44-1	252583.15	252985.18	250466.36	252011.56	0.54	ppb
Chromium	52-2	512.45	513.39	511.19	512.34	0.21	ppb
Cobalt	59-2	496.50	499.75	498.89	498.38	0.34	ppb
Copper	63-2	966.22	971.83	969.24	969.10	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	127538.69	127961.25	126391.79	127297.25	0.64	ppb
Iron	57-2	127999.24	127963.32	126847.60	127603.39	0.51	ppb
Lead	206-1	500.43	498.93	501.76	500.37	0.28	ppb
Lead	207-1	510.14	508.52	508.68	509.12	0.18	ppb
Lead	208-1	515.83	515.15	513.35	514.78	0.25	ppb
Lithium	6-1						%
Magnesium	24-2	256704.33	258294.18	257417.08	257471.86	0.31	ppb
Manganese	55-2	1011.20	1019.73	1011.92	1014.28	0.47	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BSRE	Instrumnet Name :	P7
Client Sample ID :	PB104120BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:05:57	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2580.15	2563.29	2565.61	2569.68	0.36	ppb
Molybdenum	95-1	2571.96	2544.23	2558.90	2558.37	0.54	ppb
Molybdenum	96-1	2566.28	2556.44	2554.46	2559.06	0.25	ppb
Molybdenum	97-1	2571.96	2556.89	2547.80	2558.88	0.48	ppb
Molybdenum	98-1	2582.32	2558.81	2559.48	2566.87	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.87	497.78	495.98	496.88	0.18	ppb
Phosphorus	31-2	10334.79	9994.10	10446.04	10258.31	2.30	ppb
Potassium	39-2	126974.90	127132.36	126322.93	126810.06	0.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	521.27	510.61	539.50	523.79	2.79	ppb
Selenium	78-2	505.91	510.24	516.88	511.01	1.08	ppb
Selenium	82-1	504.84	497.40	499.02	500.42	0.78	ppb
Silicon	28-1	463.57	472.10	470.31	468.66	0.96	ppb
Silver	109-1	487.12	487.13	486.21	486.82	0.11	ppb
Silver	107-1	479.88	481.97	482.65	481.50	0.30	ppb
Sodium	23-2	257704.21	257943.59	257795.11	257814.30	0.05	ppb
Strontium	86-1	530.16	523.05	521.96	525.06	0.85	ppb
Strontium	88-1	532.63	528.45	529.57	530.22	0.41	ppb
Sulfur	34-1	10056.99	10244.15	10003.55	10101.56	1.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	488.54	491.27	493.48	491.10	0.50	ppb
Thallium	205-1	515.23	512.55	515.96	514.58	0.35	ppb
Tin	118-1	496.83	498.75	500.28	498.62	0.35	ppb
Titanium	47-1	2531.94	2520.45	2539.44	2530.61	0.38	ppb
Uranium	238-1	523.76	522.79	525.39	523.98	0.25	ppb
Vanadium	51-2	509.50	510.92	512.03	510.81	0.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	979.90	979.81	975.35	978.35	0.27	ppb
Zirconium	90-1	517.91	517.27	516.67	517.28	0.12	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BSRE	Instrumnet Name :	P7
Client Sample ID :	PB104120BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:05:57	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	513.64	511.10	510.42	511.72	0.33	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:25:19	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.35	25.46	18.96	20.92	18.83	ppb
Antimony	121-1	1.94	1.95	1.92	1.94	0.76	ppb
Arsenic	75-2	0.77	1.13	1.12	1.01	20.08	ppb
Barium	135-1	8.90	8.81	8.64	8.78	1.50	ppb
Barium	137-1	9.02	9.00	8.95	8.99	0.40	ppb
Beryllium	9-1	0.91	0.82	1.01	0.91	10.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.21	25.19	25.06	24.82	2.14	ppb
Boron	11-1	23.84	24.61	25.67	24.71	3.72	ppb
Cadmium	111-1	0.87	0.92	0.78	0.86	8.22	ppb
Cadmium	106-1	0.09	0.30	-1.83	-0.48		ppb
Cadmium	108-1	0.88	0.92	0.94	0.91	3.34	ppb
Calcium	43-1	446.10	463.28	453.06	454.15	1.90	ppb
Calcium	44-1	433.60	430.24	427.34	430.39	0.73	ppb
Chromium	52-2	2.03	2.10	2.03	2.05	1.98	ppb
Cobalt	59-2	0.98	0.94	1.00	0.97	3.21	ppb
Copper	63-2	1.72	1.69	1.81	1.74	3.81	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50.51	50.02	49.67	50.07	0.84	ppb
Iron	57-2	48.34	56.33	51.41	52.03	7.74	ppb
Lead	206-1	1.01	0.97	0.94	0.97	4.02	ppb
Lead	207-1	1.07	1.00	1.00	1.02	3.54	ppb
Lead	208-1	0.99	0.98	0.94	0.97	2.60	ppb
Lithium	6-1						%
Magnesium	24-2	471.24	472.65	472.40	472.10	0.16	ppb
Manganese	55-2	1.05	0.93	0.92	0.97	7.69	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:25:19	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.66	4.59	4.45	4.57	2.33	ppb
Molybdenum	95-1	4.44	4.54	4.39	4.46	1.63	ppb
Molybdenum	96-1	4.54	4.49	4.51	4.52	0.51	ppb
Molybdenum	97-1	4.46	4.49	4.24	4.40	3.11	ppb
Molybdenum	98-1	4.46	4.39	4.38	4.41	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.93	0.69	0.77	17.09	ppb
Phosphorus	31-2	3.91	1.20	0.99	2.03	80.01	ppb
Potassium	39-2	464.67	462.22	445.20	457.36	2.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.03	6.65	4.63	5.11	26.88	ppb
Selenium	78-2	4.94	4.00	2.56	3.84	31.27	ppb
Selenium	82-1	4.57	4.74	4.25	4.52	5.42	ppb
Silicon	28-1	7.96	8.18	8.40	8.18	2.71	ppb
Silver	109-1	0.97	0.99	0.97	0.98	1.23	ppb
Silver	107-1	0.93	1.01	0.97	0.97	4.17	ppb
Sodium	23-2	497.80	490.30	485.58	491.23	1.25	ppb
Strontium	86-1	0.86	0.92	0.90	0.89	3.23	ppb
Strontium	88-1	0.97	0.92	0.91	0.93	3.52	ppb
Sulfur	34-1	-538.20	-470.98	-446.07	-485.08		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.89	0.84	0.84	0.86	3.17	ppb
Thallium	205-1	0.92	0.88	0.89	0.90	2.10	ppb
Tin	118-1	4.56	4.55	4.50	4.54	0.74	ppb
Titanium	47-1	4.49	4.63	4.37	4.50	2.95	ppb
Uranium	238-1	0.80	0.82	0.80	0.81	1.20	ppb
Vanadium	51-2	4.50	4.68	4.68	4.62	2.18	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.02	3.16	2.84	3.00	5.43	ppb
Zirconium	90-1	0.95	0.94	0.93	0.94	0.97	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:25:19	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.92	0.96	0.94	0.94	1.91	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:32:33	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51588.11	51881.08	52159.22	51876.14	0.55	ppb
Antimony	121-1	490.87	491.61	492.42	491.63	0.16	ppb
Arsenic	75-2	511.52	508.35	505.88	508.59	0.56	ppb
Barium	135-1	2503.15	2511.79	2515.19	2510.04	0.25	ppb
Barium	137-1	2573.75	2563.78	2566.67	2568.07	0.20	ppb
Beryllium	9-1	510.76	506.05	504.54	507.12	0.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	479.54	501.30	499.78	493.54	2.46	ppb
Boron	11-1	484.88	498.98	506.10	496.65	2.17	ppb
Cadmium	111-1	501.85	500.33	499.93	500.70	0.20	ppb
Cadmium	106-1	511.32	507.42	502.30	507.01	0.89	ppb
Cadmium	108-1	506.54	510.44	506.56	507.84	0.44	ppb
Calcium	43-1	254694.97	254072.65	256359.49	255042.37	0.46	ppb
Calcium	44-1	252847.28	253711.67	253772.24	253443.73	0.20	ppb
Chromium	52-2	508.61	506.17	512.41	509.06	0.62	ppb
Cobalt	59-2	495.83	496.26	498.89	496.99	0.33	ppb
Copper	63-2	962.48	958.08	965.20	961.92	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	126888.22	126902.35	126581.71	126790.76	0.14	ppb
Iron	57-2	126926.65	126901.07	126612.27	126813.33	0.14	ppb
Lead	206-1	500.33	503.36	509.98	504.56	0.98	ppb
Lead	207-1	512.53	513.84	513.44	513.27	0.13	ppb
Lead	208-1	516.07	516.28	517.56	516.64	0.16	ppb
Lithium	6-1						%
Magnesium	24-2	259933.40	260498.30	259064.14	259831.95	0.28	ppb
Manganese	55-2	1009.89	1017.63	1014.07	1013.86	0.38	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:32:33	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2550.01	2549.40	2567.65	2555.69	0.41	ppb
Molybdenum	95-1	2554.39	2552.58	2560.80	2555.93	0.17	ppb
Molybdenum	96-1	2556.94	2544.09	2564.47	2555.17	0.40	ppb
Molybdenum	97-1	2550.80	2538.56	2553.25	2547.54	0.31	ppb
Molybdenum	98-1	2561.32	2552.33	2564.80	2559.48	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.04	496.85	495.82	496.24	0.11	ppb
Phosphorus	31-2	10120.25	10326.53	10247.11	10231.30	1.02	ppb
Potassium	39-2	127374.67	126865.50	127696.85	127312.34	0.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	555.16	530.89	514.50	533.52	3.83	ppb
Selenium	78-2	505.00	496.82	516.20	506.00	1.92	ppb
Selenium	82-1	502.77	504.89	504.97	504.21	0.25	ppb
Silicon	28-1	470.63	476.06	485.46	477.38	1.57	ppb
Silver	109-1	492.71	493.04	493.78	493.18	0.11	ppb
Silver	107-1	487.65	486.02	485.56	486.41	0.22	ppb
Sodium	23-2	261424.95	259932.09	259498.53	260285.19	0.39	ppb
Strontium	86-1	526.07	525.75	521.09	524.30	0.53	ppb
Strontium	88-1	531.55	527.94	532.30	530.60	0.44	ppb
Sulfur	34-1	10325.20	10359.86	10457.31	10380.79	0.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	488.64	496.50	498.97	494.71	1.09	ppb
Thallium	205-1	509.09	517.85	521.27	516.07	1.22	ppb
Tin	118-1	501.77	499.46	501.50	500.91	0.25	ppb
Titanium	47-1	2552.84	2534.74	2565.06	2550.88	0.60	ppb
Uranium	238-1	519.70	523.14	524.20	522.35	0.45	ppb
Vanadium	51-2	510.35	509.17	510.89	510.13	0.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	978.87	973.47	976.23	976.19	0.28	ppb
Zirconium	90-1	516.01	517.29	515.56	516.28	0.17	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:32:33	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.56	507.75	511.55	509.95	0.39	ppb

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : LLCCV03 Instrumnet Name : P7
 Client Sample ID : LLCCV03 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 15:45:46 DataFile Name : 054LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.43	20.97	18.97	19.46	6.88	ppb
Antimony	121-1	1.95	1.99	2.04	1.99	2.19	ppb
Arsenic	75-2	1.01	0.95	0.97	0.98	3.46	ppb
Barium	135-1	9.19	9.17	8.93	9.10	1.61	ppb
Barium	137-1	9.48	8.84	9.09	9.14	3.50	ppb
Beryllium	9-1	0.96	0.92	0.95	0.94	2.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.65	25.91	26.69	25.08	8.55	ppb
Boron	11-1	23.79	26.20	25.27	25.08	4.86	ppb
Cadmium	111-1	0.86	0.92	1.02	0.93	8.97	ppb
Cadmium	106-1	-1.10	-0.29	0.87	-0.17		ppb
Cadmium	108-1	0.84	0.75	1.26	0.95	28.45	ppb
Calcium	43-1	452.46	452.56	460.97	455.33	1.07	ppb
Calcium	44-1	448.17	438.55	443.90	443.54	1.09	ppb
Chromium	52-2	2.15	2.12	1.98	2.08	4.45	ppb
Cobalt	59-2	0.99	0.99	0.99	0.99	0.03	ppb
Copper	63-2	1.62	1.72	1.71	1.68	3.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	52.38	52.26	51.70	52.11	0.69	ppb
Iron	57-2	56.26	53.07	46.39	51.91	9.71	ppb
Lead	206-1	1.00	0.95	1.00	0.98	2.97	ppb
Lead	207-1	1.05	1.02	1.03	1.03	1.79	ppb
Lead	208-1	0.98	0.98	1.00	0.99	0.89	ppb
Lithium	6-1						%
Magnesium	24-2	467.93	480.00	484.33	477.42	1.78	ppb
Manganese	55-2	1.03	1.10	0.90	1.01	10.34	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV03	Instrumnet Name :	P7
Client Sample ID :	LLCCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:45:46	DataFile Name :	054LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.80	4.52	4.76	4.70	3.23	ppb
Molybdenum	95-1	4.41	4.64	4.62	4.56	2.86	ppb
Molybdenum	96-1	4.51	4.68	4.52	4.57	2.08	ppb
Molybdenum	97-1	4.33	4.27	4.60	4.40	3.94	ppb
Molybdenum	98-1	4.39	4.52	4.48	4.47	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.70	0.78	0.72	6.78	ppb
Phosphorus	31-2	-2.23	-4.79	0.01	-2.34		ppb
Potassium	39-2	468.29	469.22	463.18	466.90	0.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.88	4.49	7.71	5.36	38.43	ppb
Selenium	78-2	4.43	5.64	5.86	5.31	14.46	ppb
Selenium	82-1	4.49	4.14	4.96	4.53	9.05	ppb
Silicon	28-1	9.22	8.45	8.33	8.67	5.60	ppb
Silver	109-1	0.97	1.02	0.94	0.98	3.85	ppb
Silver	107-1	0.95	0.99	1.00	0.98	2.41	ppb
Sodium	23-2	502.34	506.59	496.92	501.95	0.97	ppb
Strontium	86-1	0.94	0.91	1.00	0.95	4.63	ppb
Strontium	88-1	0.95	0.95	0.92	0.94	1.48	ppb
Sulfur	34-1	-589.81	-513.98	-561.83	-555.20		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.88	0.88	0.94	0.90	3.57	ppb
Thallium	205-1	0.91	0.90	0.92	0.91	0.95	ppb
Tin	118-1	4.68	4.63	4.73	4.68	1.15	ppb
Titanium	47-1	4.73	4.58	4.64	4.65	1.72	ppb
Uranium	238-1	0.83	0.81	0.84	0.83	1.81	ppb
Vanadium	51-2	4.67	4.45	4.49	4.54	2.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.35	2.75	2.56	2.55	7.87	ppb
Zirconium	90-1	1.00	0.99	1.01	1.00	1.24	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV03	Instrumnet Name :	P7
Client Sample ID :	LLCCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:45:46	DataFile Name :	054LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.90	0.99	1.03	0.98	7.04	ppb

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P7
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 15:49:18 DataFile Name : 055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.28	0.64	0.52	0.48	38.79	ppb
Antimony	121-1	0.11	0.12	0.12	0.12	4.87	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.00	6649.07	ppb
Barium	135-1	-0.02	0.00	0.00	-0.01		ppb
Barium	137-1	-0.02	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.04	0.05	0.03	0.04	31.71	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.94	3.67	3.87	4.16	16.37	ppb
Boron	11-1	4.22	4.41	3.99	4.21	5.00	ppb
Cadmium	111-1	-0.08	-0.10	0.04	-0.05		ppb
Cadmium	106-1	-1.37	-1.54	0.51	-0.80		ppb
Cadmium	108-1	-0.02	-0.08	0.01	-0.03		ppb
Calcium	43-1	-6.63	-1.13	-2.63	-3.46		ppb
Calcium	44-1	-13.28	-12.77	-13.41	-13.16		ppb
Chromium	52-2	-0.02	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	-0.26	-0.20	-0.27	-0.25		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.68	0.90	0.69	0.76	16.28	ppb
Iron	57-2	-0.30	2.11	1.30	1.04	118.03	ppb
Lead	206-1	0.08	0.10	0.07	0.08	15.37	ppb
Lead	207-1	0.09	0.07	0.10	0.09	15.90	ppb
Lead	208-1	0.07	0.07	0.08	0.07	7.71	ppb
Lithium	6-1						%
Magnesium	24-2	-3.43	-2.64	-2.91	-2.99		ppb
Manganese	55-2	-0.02	-0.01	-0.01	-0.02		ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:49:18	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.09	0.07	0.08	11.53	ppb
Molybdenum	95-1	0.08	0.06	0.09	0.08	18.69	ppb
Molybdenum	96-1	0.07	0.12	0.08	0.09	29.49	ppb
Molybdenum	97-1	0.04	0.07	0.08	0.06	32.40	ppb
Molybdenum	98-1	0.06	0.06	0.09	0.07	20.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.32	-0.29	-0.28	-0.30		ppb
Phosphorus	31-2	2.77	-7.11	7.63	1.10	683.64	ppb
Potassium	39-2	6.07	7.80	5.46	6.45	18.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.15	0.25	0.55	0.32	66.18	ppb
Selenium	82-1	-0.03	-0.06	0.18	0.03	413.29	ppb
Silicon	28-1	-3.51	-2.93	-3.51	-3.32		ppb
Silver	109-1	0.01	0.01	0.01	0.01	40.54	ppb
Silver	107-1	0.01	0.01	0.02	0.01	33.54	ppb
Sodium	23-2	11.76	12.22	11.26	11.75	4.06	ppb
Strontium	86-1	0.00	-0.04	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1042.55	ppb
Sulfur	34-1	-463.44	-545.64	-535.95	-515.01		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	35.78	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	33.93	ppb
Tin	118-1	0.23	0.17	0.21	0.20	14.04	ppb
Titanium	47-1	0.03	-0.01	-0.03	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	202.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.24	-0.48	-0.23	-0.32		ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	23.07	ppb

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:49:18	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.02	0.01	62.99	ppb

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 10:17:09 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	42	33	43.30	cps
Antimony	121-1	242	117	208	189	34.27	cps
Arsenic	75-2	15	17	11	14	19.94	cps
Barium	135-1	158	192	225	192	17.39	cps
Barium	137-1	300	258	275	278	7.55	cps
Beryllium	9-1	89	89	72	83	11.55	cps
Bismuth	209-1	11864249	11840335	11784618	11829734	0.35	cps
Bismuth	209-2	7482524	7504398	7482655	7489859	0.17	cps
Boron	10-1	92	75	75	81	11.95	cps
Boron	11-1	458	400	442	433	6.93	cps
Cadmium	111-1	2582	2385	2468	2478	3.99	cps
Cadmium	106-1	3659	3367	3501	3509	4.16	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Calcium	43-1	425	483	358	422	14.81	cps
Calcium	44-1	16652	17044	16835	16844	1.16	cps
Chromium	52-2	513	580	507	533	7.60	cps
Cobalt	59-2	163	173	183	173	5.77	cps
Copper	63-2	2224	2340	2257	2274	2.64	cps
Dysprosium	156-1	25	83	25	44	75.78	cps
Dysprosium	156-2	23	10	13	16	44.60	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	37	47	17	33	45.82	cps
Gadolinium	160-1	125	167	75	122	37.55	cps
Gadolinium	160-2	67	73	97	79	19.97	cps
Holmium	165-1	17814008	17892543	17716656	17807736	0.49	cps
Holmium	165-2	9839975	9862580	9833035	9845197	0.16	cps
Indium	115-1	14226975	14209148	14081113	14172412	0.56	cps
Indium	115-2	2784293	2781549	2788939	2784927	0.13	cps
Iron	56-2	4540	4245	4551	4445	3.90	cps
Iron	57-2	83	128	139	117	25.19	cps
Lead	206-1	1495	1561	1533	1530	2.19	cps
Lead	207-1	1317	1261	1367	1315	4.02	cps
Lead	208-1	6490	6023	6506	6340	4.33	cps
Lithium	6-1	2351592	2329847	2319934	2333791	0.69	cps
Magnesium	24-2	1458	1467	1467	1464	0.33	cps
Manganese	55-2	153	123	183	153	19.56	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:17:09	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	425	308	333	356	17.28	cps
Molybdenum	95-1	92	158	83	111	37.00	cps
Molybdenum	96-1	192	175	150	172	12.18	cps
Molybdenum	97-1	167	192	50	136	55.56	cps
Molybdenum	98-1	300	258	267	275	8.02	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	647	503	557	569	12.73	cps
Phosphorus	31-2	58	108	67	78	34.44	cps
Potassium	39-2	15609	14650	14633	14964	3.73	cps
Rhodium	103-1	12845449	12794165	12752812	12797475	0.36	cps
Rhodium	103-2	6390364	6400926	6391106	6394132	0.09	cps
Scandium	45-1	7670633	7657259	7593317	7640403	0.54	cps
Scandium	45-2	333225	331706	332133	332355	0.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	61	48	54	11.97	cps
Selenium	82-1	32	40	-12	20	137.60	cps
Silicon	28-1	161766	162346	160426	161513	0.61	cps
Silver	109-1	83	83	92	86	5.58	cps
Silver	107-1	133	100	117	117	14.28	cps
Sodium	23-2	10020	10396	10487	10301	2.40	cps
Strontium	86-1	658	833	642	711	14.93	cps
Strontium	88-1	450	342	417	403	13.78	cps
Sulfur	34-1	209501	213128	210153	210927	0.92	cps
Terbium	159-1	18751243	18639593	18656019	18682285	0.32	cps
Terbium	159-2	9820382	9774451	9860615	9818483	0.44	cps
Thallium	203-1	175	275	158	203	31.12	cps
Thallium	205-1	567	583	625	592	5.08	cps
Tin	118-1	2667	2384	2842	2631	8.79	cps
Titanium	47-1	158	83	108	117	32.73	cps
Uranium	238-1	367	292	208	289	27.42	cps
Vanadium	51-2	23	20	17	20	16.65	cps
Yttrium	89-1	14216571	14232634	14104176	14184460	0.49	cps
Yttrium	89-2	2030439	2024787	2041282	2032169	0.41	cps
Zinc	66-2	3407	3480	3667	3518	3.81	cps
Zirconium	90-1	783	808	858	817	4.68	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:17:09	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	217	183	206	9.36	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:25:26	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1317	1275	1400	1331	4.78	cps
Antimony	121-1	18087	16585	17895	17523	4.66	cps
Arsenic	75-2	280	280	304	288	4.83	cps
Barium	135-1	21651	21592	19873	21039	4.80	cps
Barium	137-1	36457	37443	36792	36897	1.36	cps
Beryllium	9-1	1089	1056	1378	1174	15.09	cps
Bismuth	209-1	11618007	11558138	11510799	11562315	0.46	cps
Bismuth	209-2	7347030	7279461	7281376	7302622	0.53	cps
Boron	10-1	3292	3042	3234	3189	4.10	cps
Boron	11-1	15292	16042	16051	15795	2.76	cps
Cadmium	111-1	4533	4432	4484	4483	1.12	cps
Cadmium	106-1	3759	3776	3676	3737	1.43	cps
Cadmium	108-1	171	158	163	164	3.88	cps
Calcium	43-1	11013	11505	11121	11213	2.31	cps
Calcium	44-1	192351	189583	190292	190742	0.75	cps
Chromium	52-2	5288	5678	5481	5482	3.56	cps
Cobalt	59-2	4034	3941	4247	4074	3.86	cps
Copper	63-2	8429	8489	8343	8420	0.88	cps
Dysprosium	156-1	42	17	42	33	43.30	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	42	33	75	50	44.10	cps
Erbium	164-2	20	43	47	37	39.63	cps
Gadolinium	160-1	117	58	58	78	43.30	cps
Gadolinium	160-2	103	77	87	89	15.16	cps
Holmium	165-1	17538699	17467481	17346430	17450870	0.56	cps
Holmium	165-2	9667662	9668638	9581226	9639175	0.52	cps
Indium	115-1	13923240	13906906	13866789	13898979	0.21	cps
Indium	115-2	2763564	2760669	2756064	2760099	0.14	cps
Iron	56-2	103172	102461	103160	102931	0.40	cps
Iron	57-2	2506	2667	2506	2560	3.64	cps
Lead	206-1	8364	8475	8508	8449	0.90	cps
Lead	207-1	7736	7903	7675	7771	1.52	cps
Lead	208-1	34546	34925	34941	34804	0.64	cps
Lithium	6-1	2329766	2335387	2328164	2331106	0.16	cps
Magnesium	24-2	78498	79260	78573	78777	0.53	cps
Manganese	55-2	1477	1567	1467	1503	3.66	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:25:26	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16385	16710	15876	16324	2.58	cps
Molybdenum	95-1	20240	19506	20290	20012	2.19	cps
Molybdenum	96-1	22569	22385	21717	22224	2.02	cps
Molybdenum	97-1	13507	13023	12923	13151	2.37	cps
Molybdenum	98-1	32529	33315	32279	32708	1.65	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1820	1717	1790	1776	2.99	cps
Phosphorus	31-2	92	75	75	81	11.95	cps
Potassium	39-2	89175	91297	88672	89715	1.55	cps
Rhodium	103-1	12657811	12639495	12609578	12635628	0.19	cps
Rhodium	103-2	6403771	6356212	6338742	6366242	0.53	cps
Scandium	45-1	7611148	7565073	7620507	7598909	0.39	cps
Scandium	45-2	331383	329865	331954	331067	0.33	cps
Selenium	77-2	20	20	10	17	34.64	cps
Selenium	78-2	144	172	150	156	9.45	cps
Selenium	82-1	601	726	677	668	9.45	cps
Silicon	28-1	220882	218685	216613	218727	0.98	cps
Silver	109-1	10488	10138	10613	10413	2.37	cps
Silver	107-1	10771	10363	10521	10552	1.95	cps
Sodium	23-2	152980	153107	152998	153028	0.05	cps
Strontium	86-1	2942	3009	3401	3117	7.95	cps
Strontium	88-1	24747	23946	23503	24065	2.62	cps
Sulfur	34-1	207745	209686	209054	208828	0.47	cps
Terbium	159-1	18483679	18371101	18431633	18428804	0.31	cps
Terbium	159-2	9728622	9648827	9723257	9700235	0.46	cps
Thallium	203-1	8545	8962	8637	8714	2.51	cps
Thallium	205-1	21410	20158	20483	20684	3.14	cps
Tin	118-1	36825	35680	36406	36304	1.60	cps
Titanium	47-1	5176	5343	4959	5159	3.73	cps
Uranium	238-1	30060	27831	27572	28488	4.80	cps
Vanadium	51-2	9837	9450	9880	9722	2.44	cps
Yttrium	89-1	14083406	13988856	14024318	14032194	0.34	cps
Yttrium	89-2	2012276	2011172	2019762	2014403	0.23	cps
Zinc	66-2	4387	4484	4374	4415	1.36	cps
Zirconium	90-1	12948	12898	11563	12470	6.30	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:25:26	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2850	2775	2550	2725	5.73	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:29:17	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72342	72376	72635	72451	0.22	cps
Antimony	121-1	480992	477653	483680	480775	0.63	cps
Arsenic	75-2	15393	15156	14980	15177	1.37	cps
Barium	135-1	583929	584531	579127	582529	0.51	cps
Barium	137-1	1017888	1021444	1016416	1018583	0.25	cps
Beryllium	9-1	62261	62127	61575	61988	0.59	cps
Bismuth	209-1	11467101	11380897	11422782	11423593	0.38	cps
Bismuth	209-2	7174298	7210924	7205622	7196948	0.28	cps
Boron	10-1	7661	7352	6952	7321	4.85	cps
Boron	11-1	35826	35418	36654	35966	1.75	cps
Cadmium	111-1	116980	116175	115689	116281	0.56	cps
Cadmium	106-1	14850	15092	15134	15025	1.02	cps
Cadmium	108-1	8086	8373	8228	8229	1.75	cps
Calcium	43-1	122211	119934	121832	121326	1.01	cps
Calcium	44-1	1981315	1978912	1987697	1982641	0.23	cps
Chromium	52-2	129314	129512	129892	129573	0.23	cps
Cobalt	59-2	216948	216377	217581	216968	0.28	cps
Copper	63-2	321464	323982	324837	323428	0.54	cps
Dysprosium	156-1	92	25	42	53	65.74	cps
Dysprosium	156-2	3	17	3	8	99.04	cps
Erbium	164-1	58	33	42	44	28.65	cps
Erbium	164-2	40	33	20	31	32.73	cps
Gadolinium	160-1	125	100	75	100	25.00	cps
Gadolinium	160-2	80	73	73	76	5.09	cps
Holmium	165-1	17417695	17306060	17429518	17384424	0.39	cps
Holmium	165-2	9534555	9535589	9563162	9544435	0.17	cps
Indium	115-1	13736857	13718986	13790825	13748889	0.27	cps
Indium	115-2	2705247	2719221	2719687	2714719	0.30	cps
Iron	56-2	5375012	5396707	5419357	5397025	0.41	cps
Iron	57-2	133249	134336	133074	133553	0.51	cps
Lead	206-1	383144	378341	376309	379264	0.93	cps
Lead	207-1	347944	344289	345211	345815	0.55	cps
Lead	208-1	1564215	1547720	1544991	1552309	0.67	cps
Lithium	6-1	2309115	2306071	2295587	2303591	0.31	cps
Magnesium	24-2	860342	855884	853172	856466	0.42	cps
Manganese	55-2	144447	145676	145612	145245	0.48	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:29:17	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	934667	929120	923873	929220	0.58	cps
Molybdenum	95-1	1126309	1116214	1121739	1121420	0.45	cps
Molybdenum	96-1	1243819	1244465	1238715	1242333	0.25	cps
Molybdenum	97-1	689830	696505	690584	692306	0.53	cps
Molybdenum	98-1	1806542	1815084	1813659	1811762	0.25	cps
Neodymium	150-1	47	20	20	29	53.30	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	58506	58894	59396	58932	0.76	cps
Phosphorus	31-2	3442	3617	4176	3745	10.23	cps
Potassium	39-2	428160	429477	428579	428739	0.16	cps
Rhodium	103-1	12507080	12486706	12442291	12478692	0.27	cps
Rhodium	103-2	6224181	6230364	6232911	6229152	0.07	cps
Scandium	45-1	7515201	7517755	7507213	7513390	0.07	cps
Scandium	45-2	325222	325369	326073	325555	0.14	cps
Selenium	77-2	257	317	300	291	10.64	cps
Selenium	78-2	1039	1059	974	1024	4.34	cps
Selenium	82-1	6695	6734	6634	6688	0.75	cps
Silicon	28-1	408441	404860	407740	407013	0.47	cps
Silver	109-1	550969	556870	550346	552728	0.65	cps
Silver	107-1	575612	570258	571198	572356	0.50	cps
Sodium	23-2	1554716	1571226	1563887	1563276	0.53	cps
Strontium	86-1	144933	147162	145212	145769	0.83	cps
Strontium	88-1	1257990	1264161	1269537	1263896	0.46	cps
Sulfur	34-1	236777	238659	235337	236924	0.70	cps
Terbium	159-1	18347405	18274209	18249603	18290406	0.28	cps
Terbium	159-2	9606896	9593863	9626781	9609180	0.17	cps
Thallium	203-1	464162	465466	464378	464669	0.15	cps
Thallium	205-1	1107843	1103821	1110810	1107491	0.32	cps
Tin	118-1	387697	382653	387787	386045	0.76	cps
Titanium	47-1	281759	282495	278510	280921	0.75	cps
Uranium	238-1	1594632	1578624	1586640	1586632	0.50	cps
Vanadium	51-2	104721	105151	104668	104847	0.25	cps
Yttrium	89-1	13920140	13891130	13892570	13901280	0.12	cps
Yttrium	89-2	1976016	1987895	1981392	1981768	0.30	cps
Zinc	66-2	47678	47186	47898	47587	0.77	cps
Zirconium	90-1	785838	780818	783130	783262	0.32	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:29:17	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175656	176946	173523	175375	0.99	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 10:33:08 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	178377	182241	181414	180677	1.13	cps
Antimony	121-1	1210946	1217154	1225303	1217801	0.59	cps
Arsenic	75-2	37920	38302	38081	38101	0.50	cps
Barium	135-1	1464288	1453165	1457255	1458236	0.39	cps
Barium	137-1	2586041	2579421	2573502	2579654	0.24	cps
Beryllium	9-1	154315	152069	154673	153686	0.92	cps
Bismuth	209-1	11459359	11380094	11335320	11391591	0.55	cps
Bismuth	209-2	7203264	7163054	7198752	7188356	0.31	cps
Boron	10-1	18337	17602	17936	17958	2.05	cps
Boron	11-1	87361	88910	90152	88808	1.57	cps
Cadmium	111-1	284488	287383	286323	286065	0.51	cps
Cadmium	106-1	32288	33933	32806	33009	2.55	cps
Cadmium	108-1	20753	20770	20640	20721	0.34	cps
Calcium	43-1	303872	302552	304744	303723	0.36	cps
Calcium	44-1	4942826	4965847	4962267	4956980	0.25	cps
Chromium	52-2	323604	324065	326402	324690	0.46	cps
Cobalt	59-2	539962	541266	542553	541260	0.24	cps
Copper	63-2	799101	798508	802319	799976	0.26	cps
Dysprosium	156-1	92	83	58	78	22.30	cps
Dysprosium	156-2	13	10	20	14	35.26	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	27	20	20	22	17.33	cps
Gadolinium	160-1	100	83	100	94	10.19	cps
Gadolinium	160-2	80	107	103	97	15.03	cps
Holmium	165-1	17564732	17500327	17380774	17481945	0.53	cps
Holmium	165-2	9603251	9690788	9685739	9659926	0.51	cps
Indium	115-1	13692948	13750818	13702361	13715376	0.23	cps
Indium	115-2	2722416	2726014	2740368	2729599	0.35	cps
Iron	56-2	13469476	13466180	13570535	13502063	0.44	cps
Iron	57-2	333457	332227	333471	333052	0.21	cps
Lead	206-1	945397	946065	942873	944778	0.18	cps
Lead	207-1	863555	865980	866304	865280	0.17	cps
Lead	208-1	3871571	3889911	3868750	3876744	0.30	cps
Lithium	6-1	2300806	2304904	2298902	2301537	0.13	cps
Magnesium	24-2	2139251	2146730	2156277	2147419	0.40	cps
Manganese	55-2	362059	361577	364469	362702	0.43	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:33:08	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2330226	2343129	2365825	2346393	0.77	cps
Molybdenum	95-1	2815616	2810624	2833061	2819767	0.42	cps
Molybdenum	96-1	3139938	3151224	3143203	3144788	0.18	cps
Molybdenum	97-1	1751025	1757994	1751000	1753339	0.23	cps
Molybdenum	98-1	4562373	4603661	4575056	4580363	0.46	cps
Neodymium	150-1	33	80	80	64	41.81	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	146328	143941	146267	145512	0.94	cps
Phosphorus	31-2	9512	9320	9153	9328	1.92	cps
Potassium	39-2	1064499	1060871	1058511	1061294	0.28	cps
Rhodium	103-1	12274989	12432508	12325002	12344166	0.65	cps
Rhodium	103-2	6231124	6220756	6243212	6231697	0.18	cps
Scandium	45-1	7491497	7494835	7536065	7507466	0.33	cps
Scandium	45-2	326941	324376	327289	326202	0.49	cps
Selenium	77-2	890	667	677	744	16.95	cps
Selenium	78-2	2480	2587	2517	2528	2.16	cps
Selenium	82-1	16808	16388	16668	16621	1.28	cps
Silicon	28-1	790720	795605	802252	796192	0.73	cps
Silver	109-1	1384187	1379088	1380598	1381291	0.19	cps
Silver	107-1	1430085	1425513	1434367	1429988	0.31	cps
Sodium	23-2	3937414	3957843	3951887	3949048	0.27	cps
Strontium	86-1	359442	363356	362526	361775	0.57	cps
Strontium	88-1	3166639	3168368	3146849	3160619	0.38	cps
Sulfur	34-1	274364	271523	269798	271895	0.85	cps
Terbium	159-1	18346339	18382968	18395966	18375091	0.14	cps
Terbium	159-2	9670383	9683388	9693978	9682583	0.12	cps
Thallium	203-1	1177805	1172982	1164478	1171755	0.58	cps
Thallium	205-1	2802441	2824882	2789122	2805482	0.64	cps
Tin	118-1	961546	967866	965031	964814	0.33	cps
Titanium	47-1	707591	706817	707928	707446	0.08	cps
Uranium	238-1	4013255	4048361	4011952	4024523	0.51	cps
Vanadium	51-2	261988	263847	262857	262897	0.35	cps
Yttrium	89-1	13829563	13876564	13813807	13839978	0.24	cps
Yttrium	89-2	2003865	2001865	2010916	2005549	0.24	cps
Zinc	66-2	111340	113913	113060	112771	1.16	cps
Zirconium	90-1	1984213	2003477	1995626	1994439	0.49	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:33:08	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	437759	443546	445874	442393	0.94	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 10:36:54 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	364647	367751	366043	366147	0.42	cps
Antimony	121-1	2457234	2458121	2466513	2460623	0.21	cps
Arsenic	75-2	76550	77049	77192	76930	0.44	cps
Barium	135-1	2952537	2953405	2946699	2950880	0.12	cps
Barium	137-1	5223294	5248013	5219437	5230248	0.30	cps
Beryllium	9-1	305267	304915	305279	305154	0.07	cps
Bismuth	209-1	11246008	11301664	11262846	11270173	0.25	cps
Bismuth	209-2	7081993	7178358	7166743	7142364	0.74	cps
Boron	10-1	35200	36645	37422	36423	3.10	cps
Boron	11-1	176897	178854	183338	179696	1.84	cps
Cadmium	111-1	566216	573254	571181	570217	0.63	cps
Cadmium	106-1	62329	63995	62723	63016	1.38	cps
Cadmium	108-1	41720	42451	41954	42042	0.89	cps
Calcium	43-1	607980	612167	605779	608642	0.53	cps
Calcium	44-1	9899538	9962948	9977496	9946661	0.42	cps
Chromium	52-2	649304	651195	653442	651313	0.32	cps
Cobalt	59-2	1088256	1089536	1100331	1092708	0.61	cps
Copper	63-2	1596008	1610803	1610004	1605605	0.52	cps
Dysprosium	156-1	92	108	108	103	9.36	cps
Dysprosium	156-2	20	20	27	22	17.33	cps
Erbium	164-1	83	50	33	56	45.83	cps
Erbium	164-2	17	23	30	23	28.56	cps
Gadolinium	160-1	108	133	133	125	11.55	cps
Gadolinium	160-2	110	140	113	121	13.58	cps
Holmium	165-1	17567919	17654529	17421625	17548024	0.67	cps
Holmium	165-2	9636372	9678545	9698108	9671008	0.33	cps
Indium	115-1	13643897	13697494	13643761	13661718	0.23	cps
Indium	115-2	2712167	2748395	2763666	2741409	0.96	cps
Iron	56-2	27153418	27133095	27311817	27199443	0.36	cps
Iron	57-2	663935	664232	670577	666248	0.56	cps
Lead	206-1	1888534	1903610	1901323	1897822	0.43	cps
Lead	207-1	1730104	1748328	1737406	1738613	0.53	cps
Lead	208-1	7788242	7814837	7782144	7795074	0.22	cps
Lithium	6-1	2308697	2304444	2294496	2302546	0.32	cps
Magnesium	24-2	4322283	4316602	4313069	4317318	0.11	cps
Manganese	55-2	730929	730549	733719	731732	0.24	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:36:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4735616	4774176	4784211	4764668	0.54	cps
Molybdenum	95-1	5647226	5702083	5715091	5688133	0.63	cps
Molybdenum	96-1	6326817	6372904	6350432	6350051	0.36	cps
Molybdenum	97-1	3546633	3564022	3527439	3546031	0.52	cps
Molybdenum	98-1	9257216	9283588	9243044	9261283	0.22	cps
Neodymium	150-1	80	93	67	80	16.67	cps
Neodymium	150-2	27	20	13	20	33.35	cps
Nickel	60-2	291246	291648	291690	291528	0.08	cps
Phosphorus	31-2	17870	18178	18279	18109	1.18	cps
Potassium	39-2	2102278	2130475	2128961	2120571	0.75	cps
Rhodium	103-1	12289535	12321192	12291425	12300717	0.14	cps
Rhodium	103-2	6201680	6242582	6242770	6229011	0.38	cps
Scandium	45-1	7562771	7547823	7523140	7544578	0.27	cps
Scandium	45-2	328270	330400	329528	329399	0.33	cps
Selenium	77-2	1513	1437	1390	1447	4.30	cps
Selenium	78-2	4921	5025	5012	4986	1.13	cps
Selenium	82-1	32839	32674	33486	33000	1.30	cps
Silicon	28-1	1467622	1492667	1485956	1482082	0.87	cps
Silver	109-1	2771897	2758658	2745642	2758732	0.48	cps
Silver	107-1	2844509	2861279	2864706	2856831	0.38	cps
Sodium	23-2	7836419	7835788	7847950	7840052	0.09	cps
Strontium	86-1	724363	733493	726776	728210	0.65	cps
Strontium	88-1	6331068	6359204	6368443	6352905	0.31	cps
Sulfur	34-1	352148	350614	352862	351875	0.33	cps
Terbium	159-1	18421603	18382051	18486087	18429914	0.28	cps
Terbium	159-2	9660549	9696104	9763958	9706871	0.54	cps
Thallium	203-1	2348677	2347337	2349946	2348653	0.06	cps
Thallium	205-1	5657447	5685138	5671694	5671426	0.24	cps
Tin	118-1	1930940	1933381	1944636	1936319	0.38	cps
Titanium	47-1	1422919	1429141	1428675	1426912	0.24	cps
Uranium	238-1	8018089	8025573	8038672	8027445	0.13	cps
Vanadium	51-2	531842	529106	534924	531957	0.55	cps
Yttrium	89-1	13897704	13862440	13929752	13896632	0.24	cps
Yttrium	89-2	2012133	2016917	2019104	2016051	0.18	cps
Zinc	66-2	219899	221104	222129	221044	0.51	cps
Zirconium	90-1	4064841	4067149	4053460	4061817	0.18	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:36:54	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	896976	895593	899548	897372	0.22	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:40:38	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	729066	723232	728235	726845	0.43	cps
Antimony	121-1	4931159	4934060	4908896	4924705	0.28	cps
Arsenic	75-2	153522	154333	155329	154395	0.59	cps
Barium	135-1	5891835	5892341	5848179	5877452	0.43	cps
Barium	137-1	10280659	10215440	10254033	10250044	0.32	cps
Beryllium	9-1	595899	593676	591208	593594	0.40	cps
Bismuth	209-1	11111564	11129832	11109420	11116938	0.10	cps
Bismuth	209-2	7087198	7061142	7051721	7066687	0.26	cps
Boron	10-1	71938	73018	74292	73083	1.61	cps
Boron	11-1	345420	358459	358586	354155	2.14	cps
Cadmium	111-1	1110144	1115164	1119333	1114880	0.41	cps
Cadmium	106-1	118064	119156	119247	118822	0.55	cps
Cadmium	108-1	80309	81725	79873	80636	1.20	cps
Calcium	43-1	1215872	1228428	1230042	1224781	0.63	cps
Calcium	44-1	19739365	19904847	19943854	19862688	0.55	cps
Chromium	52-2	1301645	1307352	1317732	1308910	0.62	cps
Cobalt	59-2	2169363	2168871	2182476	2173570	0.36	cps
Copper	63-2	3165471	3181135	3187786	3178131	0.36	cps
Dysprosium	156-1	258	125	133	172	43.37	cps
Dysprosium	156-2	63	53	60	59	8.65	cps
Erbium	164-1	33	58	33	42	34.65	cps
Erbium	164-2	37	23	40	33	26.47	cps
Gadolinium	160-1	125	117	133	125	6.67	cps
Gadolinium	160-2	133	63	117	104	35.01	cps
Holmium	165-1	17520943	17418996	17532951	17490964	0.36	cps
Holmium	165-2	9737665	9691939	9749836	9726480	0.31	cps
Indium	115-1	13610623	13596480	13584320	13597141	0.10	cps
Indium	115-2	2714823	2731588	2758492	2734968	0.81	cps
Iron	56-2	54186864	54216114	54306128	54236368	0.11	cps
Iron	57-2	1319146	1348010	1338913	1335356	1.11	cps
Lead	206-1	3691173	3715952	3709652	3705592	0.35	cps
Lead	207-1	3417455	3413681	3413896	3415010	0.06	cps
Lead	208-1	15329853	15314537	15296419	15313603	0.11	cps
Lithium	6-1	2270431	2268117	2262728	2267092	0.17	cps
Magnesium	24-2	8604745	8619778	8666710	8630411	0.37	cps
Manganese	55-2	1445114	1467455	1469553	1460707	0.93	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 10:40:38 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9482238	9519154	9524413	9508601	0.24	cps
Molybdenum	95-1	11333970	11470968	11402485	11402474	0.60	cps
Molybdenum	96-1	12610576	12728488	12745043	12694702	0.58	cps
Molybdenum	97-1	7205671	7230810	7222249	7219577	0.18	cps
Molybdenum	98-1	18561936	18563961	18459150	18528349	0.32	cps
Neodymium	150-1	240	307	307	284	13.53	cps
Neodymium	150-2	40	17	17	24	55.10	cps
Nickel	60-2	574664	576562	580524	577250	0.52	cps
Phosphorus	31-2	36170	35451	36646	36089	1.67	cps
Potassium	39-2	4295626	4262425	4301325	4286459	0.49	cps
Rhodium	103-1	12185869	12238456	12155455	12193260	0.34	cps
Rhodium	103-2	6146032	6173721	6185728	6168494	0.33	cps
Scandium	45-1	7546223	7593177	7579319	7572907	0.32	cps
Scandium	45-2	331076	330259	333540	331625	0.51	cps
Selenium	77-2	2914	3027	2977	2973	1.91	cps
Selenium	78-2	9918	9933	10048	9966	0.71	cps
Selenium	82-1	65335	65193	65206	65244	0.12	cps
Silicon	28-1	2828602	2884028	2884719	2865783	1.12	cps
Silver	109-1	5439640	5436521	5432554	5436238	0.07	cps
Silver	107-1	5613507	5641321	5643352	5632727	0.30	cps
Sodium	23-2	15560014	15659294	15763400	15660903	0.65	cps
Strontium	86-1	1447832	1455695	1440718	1448082	0.52	cps
Strontium	88-1	12642019	12846206	12637487	12708571	0.94	cps
Sulfur	34-1	517351	518361	519458	518390	0.20	cps
Terbium	159-1	18236757	18399864	18307571	18314731	0.45	cps
Terbium	159-2	9772589	9764837	9761439	9766289	0.06	cps
Thallium	203-1	4653011	4625005	4625534	4634517	0.35	cps
Thallium	205-1	11056002	11007772	10994273	11019349	0.29	cps
Tin	118-1	3869645	3880107	3860938	3870230	0.25	cps
Titanium	47-1	2860077	2861764	2849783	2857208	0.23	cps
Uranium	238-1	16015887	15859934	15938600	15938140	0.49	cps
Vanadium	51-2	1072180	1069744	1080126	1074017	0.51	cps
Yttrium	89-1	13943311	14027661	13953106	13974693	0.33	cps
Yttrium	89-2	2024552	2029557	2053087	2035732	0.75	cps
Zinc	66-2	432151	432543	437078	433924	0.63	cps
Zirconium	90-1	8129881	8109326	8095332	8111513	0.21	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:40:38	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1785007	1789618	1781840	1785488	0.22	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 10:44:20 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1469294	1477768	1475798	1474287	0.30	cps
Antimony	121-1	10099635	10171697	10184811	10152048	0.45	cps
Arsenic	75-2	310691	314798	316889	314126	1.00	cps
Barium	135-1	11958585	12010916	12067384	12012295	0.45	cps
Barium	137-1	20976765	20946501	20863435	20928900	0.28	cps
Beryllium	9-1	1169505	1169750	1167978	1169078	0.08	cps
Bismuth	209-1	11048117	11147759	11062183	11086020	0.49	cps
Bismuth	209-2	7095610	7098052	7093088	7095584	0.03	cps
Boron	10-1	142400	145939	150163	146167	2.66	cps
Boron	11-1	697023	716829	724759	712870	2.00	cps
Cadmium	111-1	2223618	2222412	2228534	2224855	0.15	cps
Cadmium	106-1	232282	234272	235872	234142	0.77	cps
Cadmium	108-1	163518	161634	162475	162542	0.58	cps
Calcium	43-1	2487112	2496330	2496892	2493445	0.22	cps
Calcium	44-1	40286376	40562745	40630884	40493335	0.45	cps
Chromium	52-2	2587711	2617214	2636657	2613861	0.94	cps
Cobalt	59-2	4381370	4404174	4440023	4408522	0.67	cps
Copper	63-2	6419970	6428403	6466533	6438302	0.39	cps
Dysprosium	156-1	183	183	225	197	12.20	cps
Dysprosium	156-2	93	103	63	87	24.02	cps
Erbium	164-1	92	75	17	61	64.44	cps
Erbium	164-2	40	20	37	32	33.25	cps
Gadolinium	160-1	117	142	58	106	40.51	cps
Gadolinium	160-2	97	67	163	109	45.44	cps
Holmium	165-1	17794360	17948786	17984171	17909106	0.56	cps
Holmium	165-2	9946800	9926798	9958846	9944148	0.16	cps
Indium	115-1	13706185	13701274	13724467	13710642	0.09	cps
Indium	115-2	2734279	2750700	2765267	2750082	0.56	cps
Iron	56-2	109313180	110127302	109999541	109813341	0.40	cps
Iron	57-2	2693570	2711411	2729858	2711613	0.67	cps
Lead	206-1	7452452	7454439	7429633	7445508	0.19	cps
Lead	207-1	6797611	6827593	6818859	6814688	0.23	cps
Lead	208-1	30619143	30691115	30700744	30670334	0.15	cps
Lithium	6-1	2266826	2272619	2277284	2272243	0.23	cps
Magnesium	24-2	17391758	17393078	17466279	17417038	0.24	cps
Manganese	55-2	2948744	2993416	3004294	2982152	0.99	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:44:20	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19318905	19466972	19459446	19415108	0.43	cps
Molybdenum	95-1	23229831	23413879	23390945	23344885	0.43	cps
Molybdenum	96-1	25920458	25866526	25976299	25921094	0.21	cps
Molybdenum	97-1	14686096	14667433	14718840	14690790	0.18	cps
Molybdenum	98-1	37477034	37732000	37872968	37694000	0.53	cps
Neodymium	150-1	487	447	493	476	5.31	cps
Neodymium	150-2	43	40	40	41	4.68	cps
Nickel	60-2	1126572	1138507	1150961	1138680	1.07	cps
Phosphorus	31-2	73724	74947	75332	74668	1.12	cps
Potassium	39-2	8617258	8679901	8685430	8660863	0.44	cps
Rhodium	103-1	12113913	12207959	12258801	12193557	0.60	cps
Rhodium	103-2	6206100	6213612	6224441	6214717	0.15	cps
Scandium	45-1	7695443	7781795	7783999	7753746	0.65	cps
Scandium	45-2	341277	341500	344859	342545	0.59	cps
Selenium	77-2	5875	5611	5661	5716	2.45	cps
Selenium	78-2	19443	19760	19849	19684	1.08	cps
Selenium	82-1	130306	130849	131565	130907	0.48	cps
Silicon	28-1	5386327	5426249	5466804	5426460	0.74	cps
Silver	109-1	10977996	11003130	10960784	10980637	0.19	cps
Silver	107-1	11415915	11498737	11540604	11485085	0.55	cps
Sodium	23-2	31648311	31665849	31825972	31713377	0.31	cps
Strontium	86-1	2950132	2954195	2962095	2955474	0.21	cps
Strontium	88-1	25790017	25816976	25888489	25831827	0.20	cps
Sulfur	34-1	855830	857985	862087	858634	0.37	cps
Terbium	159-1	18745329	18706926	18720068	18724108	0.10	cps
Terbium	159-2	10016113	10002792	9986640	10001848	0.15	cps
Thallium	203-1	9407046	9494860	9479990	9460632	0.50	cps
Thallium	205-1	22180458	22282026	22070474	22177653	0.48	cps
Tin	118-1	7843311	7894994	7935405	7891237	0.58	cps
Titanium	47-1	5817942	5866756	5888455	5857718	0.62	cps
Uranium	238-1	31969032	32313012	32225583	32169209	0.56	cps
Vanadium	51-2	2184259	2197079	2214816	2198718	0.70	cps
Yttrium	89-1	14166115	14290958	14304071	14253715	0.53	cps
Yttrium	89-2	2075174	2102155	2113908	2097079	0.95	cps
Zinc	66-2	850284	860947	863620	858284	0.82	cps
Zirconium	90-1	16359886	16497439	16524644	16460656	0.54	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:44:20	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3618576	3642839	3646901	3636105	0.42	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:48:01	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7862892	7933477	8061281	7952550	1.26	cps
Antimony	121-1	27461	26276	26768	26835	2.22	cps
Arsenic	75-2	117	126	157	133	16.02	cps
Barium	135-1	3534	3292	3309	3378	4.00	cps
Barium	137-1	5876	6002	5960	5946	1.07	cps
Beryllium	9-1	394	400	417	404	2.86	cps
Bismuth	209-1	9977998	9984183	9961849	9974676	0.12	cps
Bismuth	209-2	6426169	6513132	6540364	6493222	0.92	cps
Boron	10-1	4826	4276	4167	4423	7.98	cps
Boron	11-1	22860	21249	19105	21071	8.94	cps
Cadmium	111-1	2690	2503	2569	2587	3.66	cps
Cadmium	106-1	3317	3201	3134	3217	2.88	cps
Cadmium	108-1	46	29	29	35	27.70	cps
Calcium	43-1	12935461	12998791	13074270	13002841	0.53	cps
Calcium	44-1	207443280	209635163	210738567	209272337	0.80	cps
Chromium	52-2	34835	35219	35075	35043	0.55	cps
Cobalt	59-2	5414	5358	5298	5357	1.09	cps
Copper	63-2	12265	12232	12279	12259	0.20	cps
Dysprosium	156-1	150	83	92	108	33.53	cps
Dysprosium	156-2	20	30	23	24	20.83	cps
Erbium	164-1	58	75	83	72	17.62	cps
Erbium	164-2	53	57	33	48	26.42	cps
Gadolinium	160-1	133	75	150	119	32.97	cps
Gadolinium	160-2	137	117	140	131	9.62	cps
Holmium	165-1	17159015	17252157	17119607	17176926	0.40	cps
Holmium	165-2	9867788	9931718	9926795	9908767	0.36	cps
Indium	115-1	13067290	13188034	13103628	13119650	0.47	cps
Indium	115-2	2738083	2760275	2798369	2765576	1.10	cps
Iron	56-2	559251579	560354024	569170191	562925264	0.97	cps
Iron	57-2	13866269	13933349	14144894	13981504	1.04	cps
Lead	206-1	10432	10360	10243	10345	0.92	cps
Lead	207-1	9037	8397	8881	8772	3.80	cps
Lead	208-1	40686	40264	40881	40610	0.78	cps
Lithium	6-1	2291602	2327969	2344500	2321357	1.17	cps
Magnesium	24-2	90647008	90933594	91920775	91167126	0.73	cps
Manganese	55-2	8859	9320	8963	9047	2.67	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:48:01	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10821	10321	9712	10285	5.40	cps
Molybdenum	95-1	16302	16243	15250	15932	3.71	cps
Molybdenum	96-1	22927	21433	21325	21895	4.09	cps
Molybdenum	97-1	10513	10087	9795	10132	3.56	cps
Molybdenum	98-1	26066	24079	24597	24914	4.14	cps
Neodymium	150-1	100	107	73	93	18.89	cps
Neodymium	150-2	40	50	33	41	20.41	cps
Nickel	60-2	12409	12265	12916	12530	2.73	cps
Phosphorus	31-2	117	125	58	100	36.32	cps
Potassium	39-2	45420473	45803490	46677105	45967023	1.40	cps
Rhodium	103-1	11375404	11381234	11414803	11390481	0.19	cps
Rhodium	103-2	5804821	5862811	5913186	5860273	0.93	cps
Scandium	45-1	7796101	7818009	7877376	7830495	0.54	cps
Scandium	45-2	355291	357192	363753	358745	1.24	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	76	72	104	84	20.50	cps
Selenium	82-1	100	67	91	86	20.07	cps
Silicon	28-1	409560	415411	412551	412507	0.71	cps
Silver	109-1	1017	1150	1167	1111	7.40	cps
Silver	107-1	1233	1400	1283	1306	6.55	cps
Sodium	23-2	164441512	165841987	168053087	166112195	1.10	cps
Strontium	86-1	102145	102549	103647	102780	0.76	cps
Strontium	88-1	887898	889581	885452	887644	0.23	cps
Sulfur	34-1	202228	207271	209588	206362	1.82	cps
Terbium	159-1	18015198	17993193	17960189	17989527	0.15	cps
Terbium	159-2	9942187	9929613	10014117	9961973	0.46	cps
Thallium	203-1	5335	4609	4067	4670	13.61	cps
Thallium	205-1	11739	10772	10246	10919	6.94	cps
Tin	118-1	9921	10213	9921	10018	1.68	cps
Titanium	47-1	1400	1433	1633	1489	8.48	cps
Uranium	238-1	2617	2017	1942	2192	16.88	cps
Vanadium	51-2	463	390	350	401	14.33	cps
Yttrium	89-1	13935978	13977375	13985687	13966347	0.19	cps
Yttrium	89-2	2130346	2150846	2161558	2147584	0.74	cps
Zinc	66-2	5911	5901	5738	5850	1.66	cps
Zirconium	90-1	3492	3192	3376	3353	4.51	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 10:48:01	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	842	817	733	797	7.11	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 11:11:17 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39762	38559	39269	39197	1.54	cps
Antimony	121-1	1940130	1938757	1951166	1943351	0.35	cps
Arsenic	75-2	63949	62954	63339	63414	0.79	cps
Barium	135-1	233344	236343	234146	234611	0.66	cps
Barium	137-1	415752	416140	413574	415155	0.33	cps
Beryllium	9-1	128993	125503	126824	127107	1.39	cps
Bismuth	209-1	11814884	11802585	11792991	11803486	0.09	cps
Bismuth	209-2	7544869	7553092	7534980	7544314	0.12	cps
Boron	10-1	84988	85709	86195	85631	0.71	cps
Boron	11-1	418964	422276	422939	421393	0.51	cps
Cadmium	111-1	238518	238545	235777	237613	0.67	cps
Cadmium	106-1	41805	41896	40400	41367	2.03	cps
Cadmium	108-1	21788	21796	22581	22055	2.06	cps
Calcium	43-1	56627	56810	56132	56523	0.62	cps
Calcium	44-1	891236	886555	889534	889108	0.27	cps
Chromium	52-2	260619	261631	260575	260942	0.23	cps
Cobalt	59-2	459381	451954	453633	454990	0.86	cps
Copper	63-2	336078	335251	335160	335496	0.15	cps
Dysprosium	156-1	50	67	33	50	33.33	cps
Dysprosium	156-2	27	13	33	24	41.66	cps
Erbium	164-1	83	75	125	94	28.37	cps
Erbium	164-2	33	67	47	49	34.32	cps
Gadolinium	160-1	108	92	92	97	9.90	cps
Gadolinium	160-2	113	83	90	96	16.49	cps
Holmium	165-1	18213904	18092220	17968694	18091606	0.68	cps
Holmium	165-2	10102410	10070368	10097056	10089945	0.17	cps
Indium	115-1	14463990	14470926	14392369	14442428	0.30	cps
Indium	115-2	2891156	2903547	2910780	2901827	0.34	cps
Iron	56-2	2232726	2244038	2258788	2245184	0.58	cps
Iron	57-2	56537	55260	55160	55652	1.38	cps
Lead	206-1	1521894	1526744	1514768	1521135	0.40	cps
Lead	207-1	1349456	1354157	1337754	1347122	0.63	cps
Lead	208-1	6157675	6151565	6111007	6140083	0.41	cps
Lithium	6-1	2569653	2560848	2561710	2564070	0.19	cps
Magnesium	24-2	213584	213559	214496	213880	0.25	cps
Manganese	55-2	150039	150109	151676	150608	0.61	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:11:17	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4347290	4340459	4367646	4351798	0.33	cps
Molybdenum	95-1	2312264	2298925	2315065	2308751	0.37	cps
Molybdenum	96-1	2984371	2981045	2987024	2984147	0.10	cps
Molybdenum	97-1	1435093	1431944	1441083	1436040	0.32	cps
Molybdenum	98-1	3733149	3764432	3753581	3750387	0.42	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	120497	120137	120701	120445	0.24	cps
Phosphorus	31-2	83	83	100	89	10.82	cps
Potassium	39-2	369251	370066	368559	369292	0.20	cps
Rhodium	103-1	13158973	13222592	13226230	13202598	0.29	cps
Rhodium	103-2	6697216	6682314	6664390	6681307	0.25	cps
Scandium	45-1	8230782	8220496	8204754	8218677	0.16	cps
Scandium	45-2	360044	360575	359185	359935	0.19	cps
Selenium	77-2	1290	1367	1157	1271	8.36	cps
Selenium	78-2	3995	4088	4223	4102	2.79	cps
Selenium	82-1	27237	27352	27476	27355	0.44	cps
Silicon	28-1	2594881	2585819	2588540	2589747	0.18	cps
Silver	109-1	1115389	1111784	1107146	1111440	0.37	cps
Silver	107-1	1145192	1167096	1153756	1155348	0.96	cps
Sodium	23-2	668572	663642	666664	666293	0.37	cps
Strontium	86-1	1505359	1487895	1493983	1495746	0.59	cps
Strontium	88-1	13133353	12918736	13049194	13033761	0.83	cps
Sulfur	34-1	212021	211065	209732	210939	0.55	cps
Terbium	159-1	19130840	19043542	18946852	19040412	0.48	cps
Terbium	159-2	10109559	10136650	10188224	10144811	0.39	cps
Thallium	203-1	1930074	1906111	1904258	1913481	0.75	cps
Thallium	205-1	4599224	4604961	4614518	4606235	0.17	cps
Tin	118-1	3974345	3969791	3969458	3971198	0.07	cps
Titanium	47-1	609831	603042	601575	604816	0.73	cps
Uranium	238-1	17017716	17105726	17045865	17056436	0.26	cps
Vanadium	51-2	218133	217485	217497	217705	0.17	cps
Yttrium	89-1	14789249	14734076	14781239	14768188	0.20	cps
Yttrium	89-2	2158486	2158984	2159059	2158843	0.01	cps
Zinc	66-2	95000	94929	94687	94872	0.17	cps
Zirconium	90-1	8264344	8231310	8217379	8237678	0.29	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:11:17	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1814583	1822131	1823418	1820044	0.26	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 11:29:22 DataFile Name : 014LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1392	1525	1483	1467	4.65	cps
Antimony	121-1	18530	19105	19389	19008	2.30	cps
Arsenic	75-2	309	306	302	306	1.21	cps
Barium	135-1	21317	21459	21751	21509	1.03	cps
Barium	137-1	36649	37803	36992	37148	1.59	cps
Beryllium	9-1	1345	1250	1383	1326	5.17	cps
Bismuth	209-1	11838376	11857903	11786844	11827708	0.31	cps
Bismuth	209-2	7516347	7551763	7513920	7527343	0.28	cps
Boron	10-1	3676	3509	3717	3634	3.03	cps
Boron	11-1	17761	17669	18220	17883	1.65	cps
Cadmium	111-1	4398	4412	4180	4330	3.01	cps
Cadmium	106-1	3334	3609	3234	3392	5.73	cps
Cadmium	108-1	158	188	192	179	10.14	cps
Calcium	43-1	11613	11705	11947	11755	1.47	cps
Calcium	44-1	203860	201023	201867	202250	0.72	cps
Chromium	52-2	5691	5795	5678	5721	1.12	cps
Cobalt	59-2	4604	4151	4544	4433	5.56	cps
Copper	63-2	8196	7849	8056	8033	2.17	cps
Dysprosium	156-1	42	33	42	39	12.37	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	67	50	58	58	14.29	cps
Erbium	164-2	63	43	37	48	29.04	cps
Gadolinium	160-1	58	42	67	56	22.91	cps
Gadolinium	160-2	87	93	60	80	22.05	cps
Holmium	165-1	18170948	17973041	17976656	18040215	0.63	cps
Holmium	165-2	10034660	10005926	9993857	10011481	0.21	cps
Indium	115-1	14468908	14418608	14466933	14451483	0.20	cps
Indium	115-2	2869790	2876749	2870955	2872498	0.13	cps
Iron	56-2	107200	108111	107608	107639	0.42	cps
Iron	57-2	2661	2684	2734	2693	1.37	cps
Lead	206-1	8964	8514	8631	8703	2.69	cps
Lead	207-1	8281	7953	8108	8114	2.02	cps
Lead	208-1	36170	35737	36026	35977	0.61	cps
Lithium	6-1	2527261	2524755	2525828	2525948	0.05	cps
Magnesium	24-2	82176	82301	83014	82497	0.55	cps
Manganese	55-2	1627	1563	1677	1622	3.50	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:29:22	DataFile Name :	014LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17503	16952	17561	17339	1.94	cps
Molybdenum	95-1	21317	21509	21083	21303	1.00	cps
Molybdenum	96-1	23278	23128	22986	23131	0.63	cps
Molybdenum	97-1	13265	13107	13290	13221	0.75	cps
Molybdenum	98-1	33315	33574	34175	33688	1.31	cps
Neodymium	150-1	0	20	27	16	89.22	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1410	1590	1400	1467	7.29	cps
Phosphorus	31-2	83	100	117	100	16.66	cps
Potassium	39-2	98662	97713	97293	97889	0.72	cps
Rhodium	103-1	13086369	13161431	13117760	13121853	0.29	cps
Rhodium	103-2	6649891	6636887	6646933	6644570	0.10	cps
Scandium	45-1	8163187	8064994	8102460	8110214	0.61	cps
Scandium	45-2	352569	353728	350272	352189	0.50	cps
Selenium	77-2	20	30	43	31	37.62	cps
Selenium	78-2	143	169	191	167	14.40	cps
Selenium	82-1	703	653	664	673	3.92	cps
Silicon	28-1	231279	232403	234528	232737	0.71	cps
Silver	109-1	10921	10529	10062	10504	4.09	cps
Silver	107-1	10855	11113	10980	10982	1.18	cps
Sodium	23-2	163339	164855	162513	163569	0.73	cps
Strontium	86-1	3134	3259	3276	3223	2.40	cps
Strontium	88-1	24347	23837	23429	23871	1.93	cps
Sulfur	34-1	214582	216406	215421	215470	0.42	cps
Terbium	159-1	19088221	18916391	18912421	18972344	0.53	cps
Terbium	159-2	10130302	10090405	10063067	10094591	0.33	cps
Thallium	203-1	9520	8645	9220	9129	4.87	cps
Thallium	205-1	21894	20850	20934	21226	2.73	cps
Tin	118-1	38654	38529	37359	38181	1.87	cps
Titanium	47-1	5168	5551	5468	5396	3.74	cps
Uranium	238-1	27956	28240	27714	27970	0.94	cps
Vanadium	51-2	9807	9833	10150	9930	1.92	cps
Yttrium	89-1	14711460	14712604	14696751	14706938	0.06	cps
Yttrium	89-2	2127766	2113435	2120040	2120414	0.34	cps
Zinc	66-2	4641	4748	4844	4744	2.14	cps
Zirconium	90-1	15526	14391	15617	15178	4.50	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:29:22	DataFile Name :	014LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3126	3659	3476	3420	7.93	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 11:33:17 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	58	92	61	47.89	cps
Antimony	121-1	808	783	850	814	4.14	cps
Arsenic	75-2	4	20	9	11	76.40	cps
Barium	135-1	167	225	175	189	16.70	cps
Barium	137-1	325	233	308	289	16.90	cps
Beryllium	9-1	139	67	94	100	36.43	cps
Bismuth	209-1	11855244	11915933	11765935	11845704	0.64	cps
Bismuth	209-2	7530225	7490223	7480531	7500326	0.35	cps
Boron	10-1	292	433	467	397	23.39	cps
Boron	11-1	1800	1959	1692	1817	7.38	cps
Cadmium	111-1	2343	2210	2320	2291	3.11	cps
Cadmium	106-1	3292	3134	3292	3239	2.82	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	542	508	550	533	4.13	cps
Calcium	44-1	19005	18621	17995	18540	2.75	cps
Chromium	52-2	540	553	543	546	1.27	cps
Cobalt	59-2	133	173	137	148	15.02	cps
Copper	63-2	1943	1974	1907	1941	1.72	cps
Dysprosium	156-1	17	67	33	39	65.47	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	67	50	42	53	24.12	cps
Erbium	164-2	27	37	17	27	37.50	cps
Gadolinium	160-1	75	83	150	103	40.00	cps
Gadolinium	160-2	93	70	87	83	14.43	cps
Holmium	165-1	18172036	18148993	17896420	18072483	0.85	cps
Holmium	165-2	10009071	9991704	9935570	9978782	0.38	cps
Indium	115-1	14502284	14444563	14355985	14434277	0.51	cps
Indium	115-2	2861999	2860053	2854523	2858859	0.14	cps
Iron	56-2	5012	5312	5490	5271	4.58	cps
Iron	57-2	156	178	172	169	6.86	cps
Lead	206-1	1539	1778	1772	1696	8.04	cps
Lead	207-1	1395	1411	1422	1409	0.99	cps
Lead	208-1	6445	6618	6606	6556	1.47	cps
Lithium	6-1	2544161	2540324	2510338	2531608	0.73	cps
Magnesium	24-2	1450	1433	1267	1383	7.33	cps
Manganese	55-2	140	150	150	147	3.94	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:33:17	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	625	500	508	544	12.84	cps
Molybdenum	95-1	333	200	258	264	25.33	cps
Molybdenum	96-1	275	375	350	333	15.61	cps
Molybdenum	97-1	217	158	200	192	15.68	cps
Molybdenum	98-1	450	300	408	386	20.05	cps
Neodymium	150-1	20	33	20	24	31.49	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	317	383	343	348	9.65	cps
Phosphorus	31-2	92	108	92	97	9.90	cps
Potassium	39-2	16910	17177	16969	17019	0.82	cps
Rhodium	103-1	13187738	13188328	13061333	13145800	0.56	cps
Rhodium	103-2	6658693	6627218	6620533	6635481	0.31	cps
Scandium	45-1	8087104	8132017	8040434	8086518	0.57	cps
Scandium	45-2	352357	350569	351290	351405	0.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	52	59	54	7.88	cps
Selenium	82-1	-26	-36	-53	-38	-34.93	cps
Silicon	28-1	169718	165993	168286	167999	1.12	cps
Silver	109-1	108	58	100	89	30.13	cps
Silver	107-1	158	167	175	167	5.00	cps
Sodium	23-2	13106	12364	13123	12864	3.37	cps
Strontium	86-1	700	658	658	672	3.58	cps
Strontium	88-1	642	600	467	569	16.05	cps
Sulfur	34-1	218005	216617	214776	216466	0.75	cps
Terbium	159-1	19026309	18992359	18913842	18977503	0.30	cps
Terbium	159-2	10057336	10002209	9987766	10015770	0.37	cps
Thallium	203-1	292	292	300	294	1.64	cps
Thallium	205-1	742	808	742	764	5.04	cps
Tin	118-1	2559	2850	2725	2711	5.40	cps
Titanium	47-1	83	67	100	83	20.00	cps
Uranium	238-1	267	292	308	289	7.26	cps
Vanadium	51-2	13	7	0	7	99.98	cps
Yttrium	89-1	14700246	14678222	14580327	14652932	0.44	cps
Yttrium	89-2	2114852	2099493	2098471	2104272	0.44	cps
Zinc	66-2	3711	3847	3947	3835	3.10	cps
Zirconium	90-1	1017	1025	1050	1031	1.68	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:33:17	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	225	300	247	18.57	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:36:49	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7240695	7264595	7273210	7259500	0.23	cps
Antimony	121-1	12273	12172	12456	12300	1.17	cps
Arsenic	75-2	106	93	119	106	12.28	cps
Barium	135-1	4134	3584	3992	3904	7.32	cps
Barium	137-1	6535	6343	6402	6427	1.53	cps
Beryllium	9-1	411	428	433	424	2.73	cps
Bismuth	209-1	11033992	11067314	11080638	11060648	0.22	cps
Bismuth	209-2	7143384	7129692	7108864	7127314	0.24	cps
Boron	10-1	600	608	517	575	8.82	cps
Boron	11-1	2592	2275	2550	2473	6.96	cps
Cadmium	111-1	2891	2761	3056	2903	5.09	cps
Cadmium	106-1	3150	2942	3217	3103	4.62	cps
Cadmium	108-1	1729	1700	1513	1647	7.14	cps
Calcium	43-1	2556102	2549660	2560805	2555522	0.22	cps
Calcium	44-1	41239048	41498009	41647351	41461469	0.50	cps
Chromium	52-2	52660	53500	52433	52865	1.06	cps
Cobalt	59-2	5488	5408	5424	5440	0.78	cps
Copper	63-2	27383	27817	27930	27710	1.04	cps
Dysprosium	156-1	67	83	92	81	15.80	cps
Dysprosium	156-2	30	37	17	28	36.66	cps
Erbium	164-1	50	117	58	75	48.43	cps
Erbium	164-2	10	50	40	33	62.45	cps
Gadolinium	160-1	100	67	108	92	24.05	cps
Gadolinium	160-2	123	87	103	104	17.58	cps
Holmium	165-1	18006769	18122250	18122921	18083980	0.37	cps
Holmium	165-2	10176545	10150878	10123797	10150407	0.26	cps
Indium	115-1	14168180	14121099	14149140	14146140	0.17	cps
Indium	115-2	2833979	2854536	2850979	2846498	0.39	cps
Iron	56-2	224178977	223532894	224446472	224052781	0.21	cps
Iron	57-2	5536143	5548835	5551624	5545534	0.15	cps
Lead	206-1	36584	36790	35904	36426	1.27	cps
Lead	207-1	30151	29283	28882	29439	2.20	cps
Lead	208-1	140607	138805	137071	138828	1.27	cps
Lithium	6-1	2447567	2430820	2425681	2434689	0.47	cps
Magnesium	24-2	17779111	17784817	17825473	17796467	0.14	cps
Manganese	55-2	11648	12245	11928	11941	2.50	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:36:49	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5197101	5212321	5203193	5204205	0.15	cps
Molybdenum	95-1	9076543	9136438	9216223	9143068	0.77	cps
Molybdenum	96-1	9753278	9792327	9805390	9783665	0.28	cps
Molybdenum	97-1	5785881	5775801	5789840	5783840	0.13	cps
Molybdenum	98-1	14868481	14974898	14986344	14943241	0.43	cps
Neodymium	150-1	47	40	33	40	16.68	cps
Neodymium	150-2	23	10	27	20	44.10	cps
Nickel	60-2	6718	6688	6485	6630	1.92	cps
Phosphorus	31-2	380558	379202	375365	378375	0.71	cps
Potassium	39-2	17760559	17759481	17735016	17751685	0.08	cps
Rhodium	103-1	12559582	12586384	12640098	12595355	0.33	cps
Rhodium	103-2	6403063	6389589	6408228	6400293	0.15	cps
Scandium	45-1	8148336	8174636	8199043	8174005	0.31	cps
Scandium	45-2	359083	358455	357374	358304	0.24	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	74	57	61	64	13.63	cps
Selenium	82-1	16	27	62	35	69.09	cps
Silicon	28-1	278253	279745	279024	279007	0.27	cps
Silver	109-1	683	950	1083	906	22.49	cps
Silver	107-1	900	1058	1083	1014	9.81	cps
Sodium	23-2	32807402	32701950	32810459	32773270	0.19	cps
Strontium	86-1	103084	101591	103454	102710	0.96	cps
Strontium	88-1	890514	890787	887439	889580	0.21	cps
Sulfur	34-1	3701440	3696984	3700316	3699580	0.06	cps
Terbium	159-1	18905550	19001663	19077306	18994840	0.45	cps
Terbium	159-2	10124069	10173375	10205374	10167606	0.40	cps
Thallium	203-1	917	1033	1175	1042	12.42	cps
Thallium	205-1	2400	2500	2909	2603	10.35	cps
Tin	118-1	5385	4859	5018	5087	5.30	cps
Titanium	47-1	2390546	2405792	2410757	2402365	0.44	cps
Uranium	238-1	833	767	850	817	5.40	cps
Vanadium	51-2	350	307	320	326	6.82	cps
Yttrium	89-1	14762757	14708301	14818428	14763162	0.37	cps
Yttrium	89-2	2152061	2147582	2154932	2151525	0.17	cps
Zinc	66-2	9086	8849	8403	8779	3.95	cps
Zirconium	90-1	3751	3567	3667	3662	2.51	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:36:49	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1075	733	742	850	22.93	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 11:40:22 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7230807	7358958	7366950	7318905	1.04	cps
Antimony	121-1	210405	209904	210201	210170	0.12	cps
Arsenic	75-2	6889	6492	6470	6617	3.56	cps
Barium	135-1	51204	51673	52257	51711	1.02	cps
Barium	137-1	91736	90536	91056	91109	0.66	cps
Beryllium	9-1	26268	25494	26084	25949	1.56	cps
Bismuth	209-1	11106126	11182732	11185929	11158262	0.40	cps
Bismuth	209-2	7154231	7226178	7219946	7200118	0.55	cps
Boron	10-1	433	433	467	444	4.33	cps
Boron	11-1	2325	2292	2459	2359	3.74	cps
Cadmium	111-1	48331	48306	48010	48216	0.37	cps
Cadmium	106-1	7469	7552	7536	7519	0.59	cps
Cadmium	108-1	4234	4222	4622	4359	5.22	cps
Calcium	43-1	2590620	2599407	2605243	2598423	0.28	cps
Calcium	44-1	42072172	42260586	42384935	42239231	0.37	cps
Chromium	52-2	108065	107031	109214	108103	1.01	cps
Cobalt	59-2	97601	97068	95931	96867	0.88	cps
Copper	63-2	94607	94550	94053	94403	0.32	cps
Dysprosium	156-1	58	67	33	53	32.88	cps
Dysprosium	156-2	17	17	47	27	64.94	cps
Erbium	164-1	125	108	58	97	35.68	cps
Erbium	164-2	50	57	40	49	17.16	cps
Gadolinium	160-1	108	92	133	111	18.88	cps
Gadolinium	160-2	117	120	113	117	2.85	cps
Holmium	165-1	18208752	18232052	18284838	18241881	0.21	cps
Holmium	165-2	10218934	10241524	10277078	10245845	0.29	cps
Indium	115-1	14337926	14466489	14403976	14402797	0.45	cps
Indium	115-2	2873233	2892305	2887381	2884306	0.34	cps
Iron	56-2	225700388	227693861	227431166	226941805	0.48	cps
Iron	57-2	5649516	5656342	5638417	5648092	0.16	cps
Lead	206-1	186438	185220	186847	186169	0.45	cps
Lead	207-1	155980	155037	156740	155919	0.55	cps
Lead	208-1	724199	724543	727047	725263	0.21	cps
Lithium	6-1	2446454	2441558	2439286	2442433	0.15	cps
Magnesium	24-2	17707209	18098526	17968183	17924639	1.11	cps
Manganese	55-2	43658	43223	43000	43294	0.77	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:40:22	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5297178	5265852	5326991	5296674	0.58	cps
Molybdenum	95-1	9315145	9280908	9386486	9327513	0.58	cps
Molybdenum	96-1	9947535	9928505	9994408	9956816	0.34	cps
Molybdenum	97-1	5865853	5856025	5887221	5869700	0.27	cps
Molybdenum	98-1	15048236	15087486	15123530	15086417	0.25	cps
Neodymium	150-1	47	93	67	69	33.99	cps
Neodymium	150-2	13	7	23	14	58.06	cps
Nickel	60-2	30285	30732	30682	30567	0.80	cps
Phosphorus	31-2	380817	385645	384758	383740	0.67	cps
Potassium	39-2	17837742	18070124	18030713	17979527	0.69	cps
Rhodium	103-1	12773422	12822589	12778952	12791655	0.21	cps
Rhodium	103-2	6481885	6481760	6510977	6491541	0.26	cps
Scandium	45-1	8347573	8364660	8364394	8358876	0.12	cps
Scandium	45-2	361684	362873	365434	363330	0.53	cps
Selenium	77-2	113	113	123	117	4.95	cps
Selenium	78-2	481	504	444	477	6.28	cps
Selenium	82-1	2851	2801	2852	2835	1.03	cps
Silicon	28-1	290444	294853	294509	293268	0.84	cps
Silver	109-1	212632	214585	212227	213148	0.59	cps
Silver	107-1	221252	221039	220752	221014	0.11	cps
Sodium	23-2	32934156	33512127	32852035	33099439	1.09	cps
Strontium	86-1	103547	104631	105082	104420	0.76	cps
Strontium	88-1	901851	901068	903245	902054	0.12	cps
Sulfur	34-1	3738268	3750301	3795178	3761249	0.80	cps
Terbium	159-1	19106800	19312642	19189922	19203121	0.54	cps
Terbium	159-2	10284250	10297792	10320629	10300890	0.18	cps
Thallium	203-1	187965	185272	186907	186715	0.73	cps
Thallium	205-1	455314	445813	449054	450060	1.07	cps
Tin	118-1	3859	3759	3409	3676	6.43	cps
Titanium	47-1	2436009	2438475	2454044	2442843	0.40	cps
Uranium	238-1	858	842	783	828	4.76	cps
Vanadium	51-2	44561	44985	44785	44777	0.47	cps
Yttrium	89-1	14951366	15028523	15088296	15022728	0.46	cps
Yttrium	89-2	2186160	2194669	2190913	2190581	0.19	cps
Zinc	66-2	17751	17314	18018	17694	2.01	cps
Zirconium	90-1	2367	2484	2459	2436	2.52	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:40:22	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	617	658	692	656	5.73	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P7
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:43:55	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4122163	4111511	4142118	4125264	0.38	cps
Antimony	121-1	4992192	5038902	5037527	5022873	0.53	cps
Arsenic	75-2	166734	167903	169161	167933	0.72	cps
Barium	135-1	6110871	6092007	6157791	6120223	0.55	cps
Barium	137-1	10688664	10594431	10612659	10631918	0.47	cps
Beryllium	9-1	648003	648673	655439	650705	0.63	cps
Bismuth	209-1	10565130	10506352	10627190	10566224	0.57	cps
Bismuth	209-2	6841979	6871193	6879217	6864130	0.29	cps
Boron	10-1	78152	79636	81435	79741	2.06	cps
Boron	11-1	380959	393303	399290	391184	2.39	cps
Cadmium	111-1	1118129	1114992	1115204	1116108	0.16	cps
Cadmium	106-1	120198	121761	121039	120999	0.65	cps
Cadmium	108-1	82777	82354	82605	82579	0.26	cps
Calcium	43-1	6838306	6851055	6915556	6868306	0.60	cps
Calcium	44-1	109991152	110443052	110190236	110208147	0.21	cps
Chromium	52-2	1428901	1427747	1430223	1428957	0.09	cps
Cobalt	59-2	2316156	2314094	2339733	2323328	0.61	cps
Copper	63-2	3287083	3306835	3304267	3299395	0.33	cps
Dysprosium	156-1	75	108	158	114	36.83	cps
Dysprosium	156-2	50	90	77	72	28.20	cps
Erbium	164-1	83	75	100	86	14.79	cps
Erbium	164-2	43	20	60	41	48.87	cps
Gadolinium	160-1	183	167	158	169	7.51	cps
Gadolinium	160-2	90	120	140	117	21.57	cps
Holmium	165-1	17889094	17854820	17836948	17860287	0.15	cps
Holmium	165-2	10187344	10053134	10110462	10116980	0.67	cps
Indium	115-1	13880946	13914610	13925981	13907179	0.17	cps
Indium	115-2	2846944	2876783	2877117	2866948	0.60	cps
Iron	56-2	289040429	288470706	290097640	289202925	0.29	cps
Iron	57-2	7147739	7150745	7157138	7151874	0.07	cps
Lead	206-1	3598467	3586566	3585351	3590128	0.20	cps
Lead	207-1	3302907	3307520	3290976	3300468	0.26	cps
Lead	208-1	14895946	14878423	14917566	14897312	0.13	cps
Lithium	6-1	2451609	2472270	2469614	2464498	0.46	cps
Magnesium	24-2	47369014	46976517	47147072	47164201	0.42	cps
Manganese	55-2	1613907	1618024	1619149	1617027	0.17	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P7
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:43:55	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10184618	10211301	10212337	10202752	0.15	cps
Molybdenum	95-1	12267717	12297022	12305628	12290122	0.16	cps
Molybdenum	96-1	13605908	13630682	13551845	13596145	0.30	cps
Molybdenum	97-1	7739929	7700951	7677632	7706171	0.41	cps
Molybdenum	98-1	19793084	19854659	19782848	19810197	0.20	cps
Neodymium	150-1	260	280	233	258	9.08	cps
Neodymium	150-2	53	80	53	62	24.75	cps
Nickel	60-2	599997	601345	603638	601660	0.31	cps
Phosphorus	31-2	40991	41893	42737	41874	2.09	cps
Potassium	39-2	23956020	23929032	24151917	24012323	0.51	cps
Rhodium	103-1	12305302	12295016	12328485	12309601	0.14	cps
Rhodium	103-2	6319941	6342326	6303420	6321896	0.31	cps
Scandium	45-1	8305148	8351278	8284712	8313712	0.41	cps
Scandium	45-2	369951	371469	373273	371565	0.45	cps
Selenium	77-2	2950	3184	3137	3090	4.00	cps
Selenium	78-2	10539	10787	10723	10683	1.21	cps
Selenium	82-1	67404	67711	67451	67522	0.24	cps
Silicon	28-1	3004652	3068665	3093506	3055608	1.50	cps
Silver	109-1	5431191	5416390	5473239	5440273	0.54	cps
Silver	107-1	5596195	5664807	5646499	5635834	0.63	cps
Sodium	23-2	86208700	86076092	85933271	86072687	0.16	cps
Strontium	86-1	1602531	1585621	1585932	1591361	0.61	cps
Strontium	88-1	13975871	13993052	13978450	13982458	0.07	cps
Sulfur	34-1	579856	580100	577443	579133	0.25	cps
Terbium	159-1	18665226	18765067	18634265	18688186	0.37	cps
Terbium	159-2	10172255	10181442	10125780	10159826	0.29	cps
Thallium	203-1	4552233	4541196	4558896	4550775	0.20	cps
Thallium	205-1	10887654	10843626	10840480	10857253	0.24	cps
Tin	118-1	3995501	3980459	3997156	3991039	0.23	cps
Titanium	47-1	3173032	3174983	3166014	3171343	0.15	cps
Uranium	238-1	15961426	16003318	16030506	15998417	0.22	cps
Vanadium	51-2	1198337	1192676	1205572	1198861	0.54	cps
Yttrium	89-1	14764334	14792499	14822252	14793028	0.20	cps
Yttrium	89-2	2205850	2211706	2231860	2216472	0.62	cps
Zinc	66-2	448229	449242	450304	449258	0.23	cps
Zirconium	90-1	8748310	8726544	8746474	8740442	0.14	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P7
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 11:43:55	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1918114	1912043	1929792	1919983	0.47	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:03:03	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1550	1659	1684	1631	4.35	cps
Antimony	121-1	20074	19890	20307	20090	1.04	cps
Arsenic	75-2	324	274	313	304	8.64	cps
Barium	135-1	22911	21718	22402	22344	2.68	cps
Barium	137-1	39098	38137	39039	38758	1.39	cps
Beryllium	9-1	1289	1372	1045	1235	13.79	cps
Bismuth	209-1	11890251	11897188	11903388	11896942	0.06	cps
Bismuth	209-2	7593160	7633052	7597465	7607892	0.29	cps
Boron	10-1	3826	4117	3926	3956	3.75	cps
Boron	11-1	18128	19338	19371	18946	3.74	cps
Cadmium	111-1	4485	4536	4382	4468	1.76	cps
Cadmium	106-1	3501	3484	3276	3420	3.67	cps
Cadmium	108-1	171	158	171	167	4.33	cps
Calcium	43-1	13065	12698	12389	12717	2.66	cps
Calcium	44-1	214241	212793	212007	213013	0.53	cps
Chromium	52-2	5911	5841	6051	5935	1.80	cps
Cobalt	59-2	4531	4297	4641	4490	3.91	cps
Copper	63-2	8056	8066	8219	8113	1.13	cps
Dysprosium	156-1	33	0	42	25	88.19	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	83	50	100	78	32.74	cps
Erbium	164-2	30	43	30	34	22.34	cps
Gadolinium	160-1	92	108	42	81	43.07	cps
Gadolinium	160-2	77	100	80	86	14.75	cps
Holmium	165-1	18221705	18257479	18276372	18251852	0.15	cps
Holmium	165-2	10139167	10149473	10121614	10136751	0.14	cps
Indium	115-1	14753199	14724704	14726340	14734748	0.11	cps
Indium	115-2	2929495	2929024	2931912	2930144	0.05	cps
Iron	56-2	114812	114790	114006	114536	0.40	cps
Iron	57-2	2823	2923	2784	2843	2.52	cps
Lead	206-1	8948	8975	8937	8953	0.22	cps
Lead	207-1	8336	7825	8253	8138	3.37	cps
Lead	208-1	37182	36437	36593	36738	1.07	cps
Lithium	6-1	2601539	2598295	2594068	2597968	0.14	cps
Magnesium	24-2	87781	85301	86818	86633	1.44	cps
Manganese	55-2	1597	1583	1647	1609	2.08	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:03:03	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18930	18788	18129	18616	2.30	cps
Molybdenum	95-1	22185	22118	21442	21915	1.88	cps
Molybdenum	96-1	24330	24313	24831	24491	1.20	cps
Molybdenum	97-1	13432	13415	13056	13301	1.59	cps
Molybdenum	98-1	36657	34977	35453	35696	2.42	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1540	1650	1557	1582	3.75	cps
Phosphorus	31-2	75	67	92	78	16.37	cps
Potassium	39-2	101059	101882	103761	102234	1.35	cps
Rhodium	103-1	13368253	13376435	13355262	13366650	0.08	cps
Rhodium	103-2	6781970	6783662	6780005	6781879	0.03	cps
Scandium	45-1	8368848	8308560	8348942	8342117	0.37	cps
Scandium	45-2	362989	361755	364358	363034	0.36	cps
Selenium	77-2	23	23	27	24	7.89	cps
Selenium	78-2	174	174	172	173	0.62	cps
Selenium	82-1	700	725	745	723	3.13	cps
Silicon	28-1	240148	243287	239497	240977	0.84	cps
Silver	109-1	11480	11313	10271	11021	5.95	cps
Silver	107-1	10780	11513	11730	11341	4.39	cps
Sodium	23-2	172168	170962	173053	172061	0.61	cps
Strontium	86-1	3492	3476	3426	3464	1.00	cps
Strontium	88-1	25148	25064	24246	24819	2.01	cps
Sulfur	34-1	215013	215759	214015	214929	0.41	cps
Terbium	159-1	19323375	19179942	19287773	19263697	0.39	cps
Terbium	159-2	10189258	10243510	10233583	10222117	0.28	cps
Thallium	203-1	9504	9053	9545	9368	2.91	cps
Thallium	205-1	21635	22111	21610	21785	1.30	cps
Tin	118-1	39030	39757	39448	39412	0.92	cps
Titanium	47-1	6260	5560	5418	5746	7.85	cps
Uranium	238-1	29033	29033	28415	28827	1.24	cps
Vanadium	51-2	10497	10584	10290	10457	1.44	cps
Yttrium	89-1	14964620	15032562	14893191	14963458	0.47	cps
Yttrium	89-2	2165128	2160625	2179771	2168508	0.46	cps
Zinc	66-2	4861	4971	4988	4940	1.39	cps
Zirconium	90-1	16327	16527	15693	16182	2.69	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:03:03	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3942	3759	3692	3798	3.41	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : CCB37 Instrumnet Name : P7
 Client Sample ID : CCB37 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 12:06:34 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	50	108	83	36.06	cps
Antimony	121-1	958	958	1150	1022	10.83	cps
Arsenic	75-2	9	6	7	7	24.97	cps
Barium	135-1	83	58	92	78	22.30	cps
Barium	137-1	267	242	208	239	12.25	cps
Beryllium	9-1	122	122	61	102	34.64	cps
Bismuth	209-1	11876451	11833708	11799310	11836490	0.33	cps
Bismuth	209-2	7584527	7580152	7552154	7572278	0.23	cps
Boron	10-1	425	392	442	419	6.07	cps
Boron	11-1	2000	1884	1950	1945	3.01	cps
Cadmium	111-1	2357	2240	2306	2301	2.53	cps
Cadmium	106-1	3359	3159	3267	3262	3.07	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	433	500	550	494	11.84	cps
Calcium	44-1	18245	18020	16476	17581	5.48	cps
Chromium	52-2	490	617	520	542	12.21	cps
Cobalt	59-2	177	147	97	140	28.87	cps
Copper	63-2	1900	1743	1830	1825	4.30	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	27	27	27	27	0.00	cps
Gadolinium	160-1	92	67	92	83	17.32	cps
Gadolinium	160-2	60	67	87	71	19.52	cps
Holmium	165-1	18176427	18320382	18146345	18214385	0.51	cps
Holmium	165-2	10066437	10080703	10097758	10081633	0.16	cps
Indium	115-1	14779695	14746082	14652276	14726018	0.45	cps
Indium	115-2	2918324	2911642	2915570	2915179	0.12	cps
Iron	56-2	5912	5996	5807	5905	1.60	cps
Iron	57-2	183	156	156	165	9.73	cps
Lead	206-1	1856	1817	1972	1882	4.30	cps
Lead	207-1	1439	1567	1478	1495	4.38	cps
Lead	208-1	6795	6984	7379	7053	4.22	cps
Lithium	6-1	2610250	2581055	2586329	2592545	0.60	cps
Magnesium	24-2	1483	1425	1650	1520	7.69	cps
Manganese	55-2	153	107	113	124	20.28	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P7
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:06:34	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	558	575	567	567	1.47	cps
Molybdenum	95-1	492	458	442	464	5.49	cps
Molybdenum	96-1	517	475	558	517	8.06	cps
Molybdenum	97-1	242	300	217	253	16.92	cps
Molybdenum	98-1	558	742	633	644	14.30	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	223	267	357	282	24.10	cps
Phosphorus	31-2	100	75	42	72	40.52	cps
Potassium	39-2	18462	18304	17803	18190	1.89	cps
Rhodium	103-1	13440262	13316840	13400579	13385894	0.47	cps
Rhodium	103-2	6768819	6755139	6784572	6769510	0.22	cps
Scandium	45-1	8336117	8298683	8306823	8313875	0.24	cps
Scandium	45-2	358917	360361	358889	359389	0.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	61	87	67	27.36	cps
Selenium	82-1	14	73	21	36	90.63	cps
Silicon	28-1	173749	171145	173884	172926	0.89	cps
Silver	109-1	133	167	158	153	11.36	cps
Silver	107-1	250	192	192	211	15.95	cps
Sodium	23-2	15567	15208	14908	15228	2.17	cps
Strontium	86-1	658	700	725	694	4.85	cps
Strontium	88-1	492	375	367	411	17.00	cps
Sulfur	34-1	216137	213466	212333	213979	0.91	cps
Terbium	159-1	19170224	19168599	19135923	19158249	0.10	cps
Terbium	159-2	10148339	10153369	10126103	10142604	0.14	cps
Thallium	203-1	233	242	300	258	14.06	cps
Thallium	205-1	750	700	825	758	8.30	cps
Tin	118-1	2934	3092	2759	2928	5.70	cps
Titanium	47-1	192	150	225	189	19.89	cps
Uranium	238-1	233	133	267	211	32.87	cps
Vanadium	51-2	20	13	20	18	21.66	cps
Yttrium	89-1	14952922	14920331	14895737	14922997	0.19	cps
Yttrium	89-2	2163368	2160837	2153801	2159335	0.23	cps
Zinc	66-2	3931	3857	4014	3934	1.99	cps
Zirconium	90-1	1560	1275	1777	1537	16.37	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P7
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:06:34	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	250	242	261	10.26	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:10:05	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1500	1558	1592	1550	2.99	cps
Antimony	121-1	19156	18955	19798	19303	2.28	cps
Arsenic	75-2	339	313	304	319	5.73	cps
Barium	135-1	22386	22002	22010	22132	0.99	cps
Barium	137-1	38822	39591	39181	39198	0.98	cps
Beryllium	9-1	1333	1378	1295	1335	3.12	cps
Bismuth	209-1	11926034	11875264	11783536	11861611	0.61	cps
Bismuth	209-2	7583868	7614844	7562628	7587113	0.35	cps
Boron	10-1	3767	3726	3767	3753	0.64	cps
Boron	11-1	18086	18645	18612	18448	1.70	cps
Cadmium	111-1	4541	4704	4294	4513	4.57	cps
Cadmium	106-1	3492	3917	3534	3648	6.42	cps
Cadmium	108-1	154	204	179	179	13.95	cps
Calcium	43-1	12473	11805	12623	12300	3.54	cps
Calcium	44-1	209581	210909	208373	209621	0.60	cps
Chromium	52-2	5845	6091	6071	6002	2.28	cps
Cobalt	59-2	4311	4327	4404	4347	1.15	cps
Copper	63-2	8166	8216	8176	8186	0.32	cps
Dysprosium	156-1	33	8	0	14	124.91	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	42	83	50	58	37.80	cps
Erbium	164-2	23	40	30	31	26.97	cps
Gadolinium	160-1	42	58	92	64	39.85	cps
Gadolinium	160-2	77	77	100	84	15.95	cps
Holmium	165-1	18144198	18177332	18172762	18164764	0.10	cps
Holmium	165-2	10139571	10092344	10148322	10126745	0.30	cps
Indium	115-1	14665882	14736139	14667112	14689711	0.27	cps
Indium	115-2	2912672	2885567	2910810	2903016	0.52	cps
Iron	56-2	111968	112600	114806	113125	1.32	cps
Iron	57-2	2800	2706	2789	2765	1.87	cps
Lead	206-1	9026	8803	8703	8844	1.87	cps
Lead	207-1	8114	8436	8247	8266	1.96	cps
Lead	208-1	35603	36532	36115	36083	1.29	cps
Lithium	6-1	2596926	2579976	2581610	2586170	0.36	cps
Magnesium	24-2	87287	85208	87648	86714	1.52	cps
Manganese	55-2	1627	1537	1643	1602	3.58	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:10:05	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18529	18329	17678	18179	2.45	cps
Molybdenum	95-1	22318	22001	22135	22151	0.72	cps
Molybdenum	96-1	24756	24931	23904	24530	2.24	cps
Molybdenum	97-1	13440	14049	13582	13690	2.33	cps
Molybdenum	98-1	35270	34292	34877	34813	1.41	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1500	1557	1553	1537	2.07	cps
Phosphorus	31-2	108	167	133	136	21.50	cps
Potassium	39-2	101396	102268	101588	101751	0.45	cps
Rhodium	103-1	13335251	13336357	13299011	13323540	0.16	cps
Rhodium	103-2	6762991	6728971	6736528	6742830	0.26	cps
Scandium	45-1	8308861	8332030	8265543	8302145	0.41	cps
Scandium	45-2	360947	359807	363075	361276	0.46	cps
Selenium	77-2	40	23	23	29	33.32	cps
Selenium	78-2	169	189	169	175	6.71	cps
Selenium	82-1	728	671	656	685	5.54	cps
Silicon	28-1	240809	240317	236152	239093	1.07	cps
Silver	109-1	10746	11038	10863	10882	1.35	cps
Silver	107-1	11655	11422	11046	11374	2.70	cps
Sodium	23-2	171465	168554	172110	170710	1.11	cps
Strontium	86-1	3301	3517	3626	3481	4.76	cps
Strontium	88-1	25340	25390	25089	25273	0.64	cps
Sulfur	34-1	213354	211294	215293	213313	0.94	cps
Terbium	159-1	19209208	19291237	19129116	19209854	0.42	cps
Terbium	159-2	10125342	10139986	10185819	10150382	0.31	cps
Thallium	203-1	9145	9354	8920	9140	2.37	cps
Thallium	205-1	21760	22019	21093	21624	2.21	cps
Tin	118-1	39564	39866	38403	39278	1.97	cps
Titanium	47-1	5043	5743	5760	5515	7.42	cps
Uranium	238-1	28975	28875	28557	28802	0.76	cps
Vanadium	51-2	10294	10567	10274	10378	1.58	cps
Yttrium	89-1	14839444	15018486	14881285	14913072	0.63	cps
Yttrium	89-2	2152382	2130705	2150568	2144552	0.56	cps
Zinc	66-2	4994	4677	4597	4756	4.41	cps
Zirconium	90-1	15592	15350	15926	15623	1.85	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:10:05	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3634	3559	3451	3548	2.60	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : I6425-02 Instrumnet Name : P7
 Client Sample ID : MH0QB6 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 12:13:37 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	556627	557973	557049	557216	0.12	cps
Antimony	121-1	104748	105680	106494	105640	0.83	cps
Arsenic	75-2	13566	13723	13525	13605	0.77	cps
Barium	135-1	977288	982857	982381	980842	0.31	cps
Barium	137-1	1729401	1724170	1724977	1726183	0.16	cps
Beryllium	9-1	1172	1228	1311	1237	5.65	cps
Bismuth	209-1	12042336	12038886	12054644	12045289	0.07	cps
Bismuth	209-2	7597701	7633493	7641641	7624278	0.31	cps
Boron	10-1	21082	21975	21641	21566	2.09	cps
Boron	11-1	104644	108252	105793	106230	1.74	cps
Cadmium	111-1	23254	23541	23075	23290	1.01	cps
Cadmium	106-1	5501	5493	5543	5512	0.49	cps
Cadmium	108-1	1600	1642	1696	1646	2.92	cps
Calcium	43-1	4239372	4241569	4228421	4236454	0.17	cps
Calcium	44-1	68290577	68271497	68796587	68452887	0.44	cps
Chromium	52-2	212555	215166	214276	213999	0.62	cps
Cobalt	59-2	40747	40376	41385	40836	1.25	cps
Copper	63-2	1172965	1177393	1179083	1176480	0.27	cps
Dysprosium	156-1	30167	28915	30468	29850	2.76	cps
Dysprosium	156-2	14842	15115	15015	14991	0.92	cps
Erbium	164-1	24890	26677	26168	25912	3.55	cps
Erbium	164-2	14011	13837	14231	14026	1.41	cps
Gadolinium	160-1	26301	27044	27270	26872	1.89	cps
Gadolinium	160-2	16497	16904	17027	16809	1.65	cps
Holmium	165-1	18884488	19044864	18964976	18964776	0.42	cps
Holmium	165-2	10476435	10476914	10453712	10469020	0.13	cps
Indium	115-1	15024058	15110274	15096509	15076947	0.31	cps
Indium	115-2	2972974	3000389	2996857	2990073	0.50	cps
Iron	56-2	47588914	48008405	47821746	47806355	0.44	cps
Iron	57-2	1165994	1178028	1164830	1169617	0.62	cps
Lead	206-1	22138394	22023203	21969009	22043535	0.39	cps
Lead	207-1	19168090	19234617	19245707	19216138	0.22	cps
Lead	208-1	88001493	88122235	88275421	88133050	0.16	cps
Lithium	6-1	2647049	2642378	2628905	2639444	0.36	cps
Magnesium	24-2	2580553	2609166	2583161	2590960	0.61	cps
Manganese	55-2	2073701	2091232	2086033	2083655	0.43	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02	Instrumnet Name :	P7
Client Sample ID :	MH0QB6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:13:37	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17770	17086	16494	17116	3.73	cps
Molybdenum	95-1	23771	24338	24605	24238	1.76	cps
Molybdenum	96-1	26417	27102	26918	26812	1.32	cps
Molybdenum	97-1	14500	15392	14883	14925	3.00	cps
Molybdenum	98-1	38803	39030	39589	39141	1.03	cps
Neodymium	150-1	49617	48466	48908	48997	1.18	cps
Neodymium	150-2	21060	21280	21347	21229	0.71	cps
Nickel	60-2	36669	37899	37648	37406	1.74	cps
Phosphorus	31-2	37006	37465	37365	37278	0.65	cps
Potassium	39-2	4160742	4172517	4175776	4169679	0.19	cps
Rhodium	103-1	13494370	13429072	13458608	13460683	0.24	cps
Rhodium	103-2	6780570	6786371	6822840	6796594	0.34	cps
Scandium	45-1	8578306	8595070	8682574	8618650	0.65	cps
Scandium	45-2	373276	370169	373010	372151	0.46	cps
Selenium	77-2	90	80	83	84	6.03	cps
Selenium	78-2	135	167	152	151	10.41	cps
Selenium	82-1	478	434	453	455	4.93	cps
Silicon	28-1	12567336	12586302	12628722	12594120	0.25	cps
Silver	109-1	63175	63744	63234	63384	0.49	cps
Silver	107-1	64405	64824	64899	64710	0.41	cps
Sodium	23-2	6305795	6343536	6258821	6302717	0.67	cps
Strontium	86-1	2836300	2826001	2814628	2825643	0.38	cps
Strontium	88-1	24810942	24841620	24889407	24847323	0.16	cps
Sulfur	34-1	1864252	1859855	1863521	1862543	0.13	cps
Terbium	159-1	19866377	19833202	20056619	19918732	0.61	cps
Terbium	159-2	10560218	10579276	10495219	10544904	0.42	cps
Thallium	203-1	2800	2734	2884	2806	2.68	cps
Thallium	205-1	6385	6327	6494	6402	1.32	cps
Tin	118-1	62014	63596	61780	62463	1.58	cps
Titanium	47-1	18921	19589	20506	19672	4.04	cps
Uranium	238-1	51528	51285	50056	50956	1.55	cps
Vanadium	51-2	74943	75549	75318	75270	0.41	cps
Yttrium	89-1	15941856	15898039	15891800	15910565	0.17	cps
Yttrium	89-2	2286744	2287244	2297919	2290636	0.28	cps
Zinc	66-2	1190546	1197211	1193934	1193897	0.28	cps
Zirconium	90-1	10771	8987	8445	9401	12.95	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02	Instrumnet Name :	P7
Client Sample ID :	MH0QB6	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:13:37	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2409	2525	2134	2356	8.54	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-03	Instrumnet Name :	P7
Client Sample ID :	MH0QB6D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:17:08	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	555401	556736	552488	554875	0.39	cps
Antimony	121-1	103355	105949	104621	104642	1.24	cps
Arsenic	75-2	13245	13002	13380	13209	1.45	cps
Barium	135-1	968943	969402	973139	970495	0.24	cps
Barium	137-1	1732207	1707264	1717653	1719041	0.73	cps
Beryllium	9-1	1239	1139	1300	1226	6.63	cps
Bismuth	209-1	12081648	12080891	12009585	12057375	0.34	cps
Bismuth	209-2	7645252	7538106	7572144	7585167	0.72	cps
Boron	10-1	21917	21249	21700	21622	1.58	cps
Boron	11-1	106934	108597	109796	108442	1.33	cps
Cadmium	111-1	23950	23457	22841	23416	2.37	cps
Cadmium	106-1	5610	5585	5585	5593	0.26	cps
Cadmium	108-1	1621	1579	1654	1618	2.32	cps
Calcium	43-1	4249714	4239064	4256127	4248302	0.20	cps
Calcium	44-1	68965877	68701024	68520179	68729027	0.33	cps
Chromium	52-2	212234	213247	213110	212864	0.26	cps
Cobalt	59-2	40459	40503	39935	40299	0.78	cps
Copper	63-2	1145015	1151642	1152510	1149722	0.36	cps
Dysprosium	156-1	29658	30184	29833	29892	0.90	cps
Dysprosium	156-2	15292	15088	15282	15221	0.75	cps
Erbium	164-1	26418	26677	26810	26635	0.75	cps
Erbium	164-2	13917	14051	14021	13996	0.50	cps
Gadolinium	160-1	28439	27612	27646	27899	1.68	cps
Gadolinium	160-2	16777	16447	16453	16559	1.14	cps
Holmium	165-1	18969523	19031814	18925972	18975770	0.28	cps
Holmium	165-2	10468379	10372334	10341307	10394006	0.64	cps
Indium	115-1	15028803	15064224	15037232	15043420	0.12	cps
Indium	115-2	2938436	2931182	2950850	2940156	0.34	cps
Iron	56-2	47934811	47846997	47820664	47867490	0.12	cps
Iron	57-2	1161616	1168139	1169786	1166514	0.37	cps
Lead	206-1	22014485	22100426	21959384	22024765	0.32	cps
Lead	207-1	19155968	19284862	19110262	19183697	0.47	cps
Lead	208-1	87938148	88278430	87577497	87931359	0.40	cps
Lithium	6-1	2587784	2575064	2585583	2582810	0.26	cps
Magnesium	24-2	2574082	2542499	2559327	2558636	0.62	cps
Manganese	55-2	2083884	2074577	2093170	2083877	0.45	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-03	Instrumnet Name :	P7
Client Sample ID :	MH0QB6D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:17:08	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16277	15935	15442	15884	2.64	cps
Molybdenum	95-1	25398	23545	23495	24146	4.49	cps
Molybdenum	96-1	25724	26133	25874	25910	0.80	cps
Molybdenum	97-1	15075	15309	14858	15081	1.49	cps
Molybdenum	98-1	39029	38052	39740	38940	2.18	cps
Neodymium	150-1	50754	50005	49068	49942	1.69	cps
Neodymium	150-2	20732	21283	21433	21150	1.75	cps
Nickel	60-2	38003	37819	37685	37836	0.42	cps
Phosphorus	31-2	36997	36454	36562	36671	0.78	cps
Potassium	39-2	4084618	4048771	4070374	4067921	0.44	cps
Rhodium	103-1	13454840	13473795	13377851	13435496	0.38	cps
Rhodium	103-2	6790090	6696241	6721726	6736019	0.72	cps
Scandium	45-1	8607542	8532492	8523817	8554617	0.54	cps
Scandium	45-2	361517	362406	363454	362459	0.27	cps
Selenium	77-2	60	77	50	62	21.65	cps
Selenium	78-2	154	133	152	146	7.70	cps
Selenium	82-1	491	475	471	479	2.25	cps
Silicon	28-1	13093085	13112467	13057081	13087544	0.21	cps
Silver	109-1	63041	63250	64439	63577	1.19	cps
Silver	107-1	65745	64121	64707	64858	1.27	cps
Sodium	23-2	6202201	6173706	6208020	6194642	0.30	cps
Strontium	86-1	2841933	2830810	2851391	2841378	0.36	cps
Strontium	88-1	24857726	25068916	25095294	25007312	0.52	cps
Sulfur	34-1	1850244	1856953	1860328	1855842	0.28	cps
Terbium	159-1	19918658	19859047	19873190	19883632	0.16	cps
Terbium	159-2	10509765	10418314	10428558	10452212	0.48	cps
Thallium	203-1	2734	2684	2442	2620	5.96	cps
Thallium	205-1	6218	6627	5918	6255	5.69	cps
Tin	118-1	66441	66667	66207	66439	0.35	cps
Titanium	47-1	22318	25648	20707	22891	11.01	cps
Uranium	238-1	53194	52808	52055	52685	1.10	cps
Vanadium	51-2	75354	75787	74698	75280	0.73	cps
Yttrium	89-1	15915579	15916329	15927389	15919765	0.04	cps
Yttrium	89-2	2248728	2235903	2257951	2247527	0.49	cps
Zinc	66-2	1179187	1178284	1176961	1178144	0.10	cps
Zirconium	90-1	4784	4743	5227	4918	5.45	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-03	Instrumnet Name :	P7
Client Sample ID :	MH0QB6D	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:17:08	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1225	1233	1133	1197	4.63	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02LX5	Instrumnet Name :	P7
Client Sample ID :	MH0QB6L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 12:20:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107896	109213	108836	108648	0.62	cps
Antimony	121-1	21392	21475	20758	21208	1.85	cps
Arsenic	75-2	2684	2548	2572	2601	2.77	cps
Barium	135-1	193883	190521	191732	192045	0.89	cps
Barium	137-1	342539	337091	336694	338775	0.96	cps
Beryllium	9-1	311	339	289	313	8.00	cps
Bismuth	209-1	11814986	11921612	11895203	11877267	0.47	cps
Bismuth	209-2	7515107	7543847	7519064	7526006	0.21	cps
Boron	10-1	5268	4951	4784	5001	4.91	cps
Boron	11-1	23911	23828	23494	23744	0.93	cps
Cadmium	111-1	6438	6341	6643	6474	2.38	cps
Cadmium	106-1	3567	3634	3934	3712	5.26	cps
Cadmium	108-1	342	267	267	292	14.85	cps
Calcium	43-1	821504	810313	820999	817605	0.77	cps
Calcium	44-1	13367681	13399188	13370835	13379235	0.13	cps
Chromium	52-2	42227	42829	42825	42627	0.81	cps
Cobalt	59-2	7992	8149	8329	8157	2.07	cps
Copper	63-2	234373	236109	237151	235878	0.59	cps
Dysprosium	156-1	5735	6052	5835	5874	2.76	cps
Dysprosium	156-2	3254	3050	2954	3086	4.96	cps
Erbium	164-1	4801	5060	5293	5051	4.87	cps
Erbium	164-2	2747	2854	2607	2736	4.52	cps
Gadolinium	160-1	5560	5101	5668	5443	5.53	cps
Gadolinium	160-2	3257	3467	3334	3353	3.17	cps
Holmium	165-1	18366674	18460456	18410320	18412483	0.25	cps
Holmium	165-2	10043371	10110480	10050722	10068191	0.37	cps
Indium	115-1	14729881	14815635	14715303	14753606	0.37	cps
Indium	115-2	2881916	2896116	2872876	2883636	0.41	cps
Iron	56-2	9353280	9405975	9308380	9355878	0.52	cps
Iron	57-2	227306	229065	226431	227600	0.59	cps
Lead	206-1	4382018	4321268	4347374	4350220	0.70	cps
Lead	207-1	3736384	3724508	3716293	3725729	0.27	cps
Lead	208-1	17402743	17389519	17402568	17398277	0.04	cps
Lithium	6-1	2504438	2489238	2500148	2497941	0.31	cps
Magnesium	24-2	502806	501690	494854	499783	0.86	cps
Manganese	55-2	404452	404680	405408	404846	0.12	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02LX5	Instrumnet Name :	P7
Client Sample ID :	MH0QB6L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 12:20:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3184	3492	3217	3298	5.13	cps
Molybdenum	95-1	4376	5026	5243	4882	9.24	cps
Molybdenum	96-1	5468	5318	5418	5401	1.41	cps
Molybdenum	97-1	3276	3301	2934	3170	6.46	cps
Molybdenum	98-1	8211	7978	8103	8097	1.44	cps
Neodymium	150-1	9757	9824	9824	9802	0.39	cps
Neodymium	150-2	4001	4077	4134	4071	1.64	cps
Nickel	60-2	7749	7409	8009	7722	3.90	cps
Phosphorus	31-2	7452	7144	7044	7213	2.95	cps
Potassium	39-2	811182	817882	813946	814337	0.41	cps
Rhodium	103-1	13344270	13408465	13411799	13388178	0.28	cps
Rhodium	103-2	6707411	6703068	6686903	6699127	0.16	cps
Scandium	45-1	8263035	8303351	8306335	8290907	0.29	cps
Scandium	45-2	353659	353889	358080	355209	0.70	cps
Selenium	77-2	13	17	23	18	28.64	cps
Selenium	78-2	89	98	80	89	10.42	cps
Selenium	82-1	23	48	55	42	39.87	cps
Silicon	28-1	2661943	2640384	2634727	2645685	0.54	cps
Silver	109-1	14224	13649	14124	13999	2.20	cps
Silver	107-1	13665	13974	13841	13827	1.12	cps
Sodium	23-2	1225420	1238140	1228107	1230555	0.54	cps
Strontium	86-1	553737	551394	552124	552418	0.22	cps
Strontium	88-1	4860911	4847684	4862390	4856995	0.17	cps
Sulfur	34-1	514615	513715	517578	515303	0.39	cps
Terbium	159-1	19375673	19356513	19370977	19367721	0.05	cps
Terbium	159-2	10184585	10203215	10153815	10180538	0.25	cps
Thallium	203-1	783	583	825	731	17.68	cps
Thallium	205-1	1625	1700	1608	1645	2.97	cps
Tin	118-1	14350	14233	14775	14453	1.97	cps
Titanium	47-1	3876	3517	3867	3753	5.45	cps
Uranium	238-1	9938	10113	10121	10057	1.03	cps
Vanadium	51-2	14494	14808	14738	14680	1.12	cps
Yttrium	89-1	15106366	15076406	15207471	15130081	0.45	cps
Yttrium	89-2	2130220	2170047	2145193	2148486	0.94	cps
Zinc	66-2	239078	241171	242679	240976	0.75	cps
Zirconium	90-1	1834	2000	1800	1878	5.71	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02LX5	Instrumnet Name :	P7
Client Sample ID :	MH0QB6L	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 12:20:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	433	400	425	5.19	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-04	Instrumnet Name :	P7
Client Sample ID :	MH0QB6S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:24:12	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	572263	569622	574216	572034	0.40	cps
Antimony	121-1	316366	316035	313113	315171	0.57	cps
Arsenic	75-2	16126	15525	15581	15744	2.11	cps
Barium	135-1	1968801	1957441	1958313	1961518	0.32	cps
Barium	137-1	3498956	3480051	3467805	3482271	0.45	cps
Beryllium	9-1	14468	14012	15052	14511	3.59	cps
Bismuth	209-1	11963076	11813250	11746991	11841106	0.93	cps
Bismuth	209-2	7470050	7497423	7475413	7480962	0.19	cps
Boron	10-1	20481	20840	20748	20690	0.90	cps
Boron	11-1	102983	104753	105777	104504	1.35	cps
Cadmium	111-1	46496	46385	47228	46703	0.98	cps
Cadmium	106-1	7777	7677	7769	7741	0.72	cps
Cadmium	108-1	3188	3138	3250	3192	1.77	cps
Calcium	43-1	4147836	4135514	4143986	4142445	0.15	cps
Calcium	44-1	67462187	66654668	66989231	67035362	0.61	cps
Chromium	52-2	323446	322598	323524	323189	0.16	cps
Cobalt	59-2	521928	524766	521488	522727	0.34	cps
Copper	63-2	1291946	1296736	1296839	1295174	0.22	cps
Dysprosium	156-1	29557	29416	28915	29296	1.15	cps
Dysprosium	156-2	14868	14344	14658	14624	1.80	cps
Erbium	164-1	26067	24205	25541	25271	3.80	cps
Erbium	164-2	13827	13650	13620	13699	0.82	cps
Gadolinium	160-1	27337	27003	27604	27314	1.10	cps
Gadolinium	160-2	16253	16290	16657	16400	1.36	cps
Holmium	165-1	18695317	18501243	18719055	18638538	0.64	cps
Holmium	165-2	10173403	10234662	10164551	10190872	0.37	cps
Indium	115-1	14848796	14968318	14877359	14898158	0.42	cps
Indium	115-2	2897667	2885549	2886576	2889931	0.23	cps
Iron	56-2	47277982	47703096	47494564	47491880	0.45	cps
Iron	57-2	1154415	1151597	1164279	1156764	0.58	cps
Lead	206-1	21756543	21626250	21736136	21706310	0.32	cps
Lead	207-1	18843813	18767810	18909150	18840258	0.38	cps
Lead	208-1	86557522	85786494	86557200	86300405	0.52	cps
Lithium	6-1	2529430	2519278	2505891	2518200	0.47	cps
Magnesium	24-2	2470772	2492169	2494681	2485874	0.53	cps
Manganese	55-2	2199497	2201800	2210177	2203824	0.26	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-04	Instrumnet Name :	P7
Client Sample ID :	MH0QB6S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:24:12	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16144	15384	15734	15754	2.41	cps
Molybdenum	95-1	24271	24772	23637	24227	2.35	cps
Molybdenum	96-1	26701	26442	26451	26531	0.55	cps
Molybdenum	97-1	14959	14433	14550	14647	1.88	cps
Molybdenum	98-1	38094	37417	38361	37957	1.28	cps
Neodymium	150-1	48841	49944	49523	49436	1.13	cps
Neodymium	150-2	20258	20559	20449	20422	0.74	cps
Nickel	60-2	162401	162404	163448	162751	0.37	cps
Phosphorus	31-2	34917	35668	35076	35220	1.12	cps
Potassium	39-2	3910876	3975427	3950688	3945664	0.83	cps
Rhodium	103-1	13321813	13352257	13240008	13304692	0.44	cps
Rhodium	103-2	6664418	6619897	6631927	6638748	0.35	cps
Scandium	45-1	8415873	8388594	8366369	8390279	0.30	cps
Scandium	45-2	355299	355698	356142	355713	0.12	cps
Selenium	77-2	210	190	197	199	5.12	cps
Selenium	78-2	620	589	630	613	3.48	cps
Selenium	82-1	3482	3399	3364	3415	1.78	cps
Silicon	28-1	12835911	12797193	12859953	12831019	0.25	cps
Silver	109-1	178968	178570	177846	178461	0.32	cps
Silver	107-1	183034	183396	185372	183934	0.68	cps
Sodium	23-2	5973677	5982524	6027031	5994411	0.48	cps
Strontium	86-1	2789998	2773948	2758641	2774196	0.57	cps
Strontium	88-1	24367542	24570980	24419614	24452712	0.43	cps
Sulfur	34-1	1811697	1802425	1811651	1808591	0.30	cps
Terbium	159-1	19592506	19615778	19535170	19581152	0.21	cps
Terbium	159-2	10263242	10265258	10281545	10270015	0.10	cps
Thallium	203-1	101418	100336	102267	101340	0.96	cps
Thallium	205-1	244832	241991	242713	243179	0.61	cps
Tin	118-1	67330	67363	67480	67391	0.12	cps
Titanium	47-1	21300	22234	21166	21567	2.70	cps
Uranium	238-1	52038	51310	51595	51648	0.71	cps
Vanadium	51-2	309702	309198	312563	310488	0.58	cps
Yttrium	89-1	15644234	15771030	15604441	15673235	0.56	cps
Yttrium	89-2	2220866	2217030	2220044	2219313	0.09	cps
Zinc	66-2	1192798	1193398	1201992	1196063	0.43	cps
Zirconium	90-1	4317	5102	4009	4476	12.59	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-04	Instrumnet Name :	P7
Client Sample ID :	MH0QB6S	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:24:12	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	867	1092	983	981	11.48	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:27:44	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24437	25489	24930	24952	2.11	cps
Antimony	121-1	4934	5351	5510	5265	5.64	cps
Arsenic	75-2	632	587	602	607	3.73	cps
Barium	135-1	44121	43845	43962	43976	0.31	cps
Barium	137-1	77743	78606	77399	77916	0.80	cps
Beryllium	9-1	122	133	128	128	4.35	cps
Bismuth	209-1	11681793	11601771	11594273	11625946	0.42	cps
Bismuth	209-2	7350032	7385365	7361768	7365722	0.24	cps
Boron	10-1	1667	1625	1800	1697	5.39	cps
Boron	11-1	8328	8353	8461	8380	0.85	cps
Cadmium	111-1	3156	3193	3210	3186	0.86	cps
Cadmium	106-1	3251	3367	3267	3295	1.92	cps
Cadmium	108-1	88	92	75	85	10.24	cps
Calcium	43-1	188198	188409	189161	188589	0.27	cps
Calcium	44-1	3065821	3078168	3070179	3071389	0.20	cps
Chromium	52-2	9870	9820	9897	9862	0.39	cps
Cobalt	59-2	1733	1850	1880	1821	4.25	cps
Copper	63-2	55947	55408	55635	55663	0.49	cps
Dysprosium	156-1	1275	1283	1367	1308	3.87	cps
Dysprosium	156-2	720	720	637	692	6.95	cps
Erbium	164-1	1208	1025	1200	1145	9.05	cps
Erbium	164-2	650	570	630	617	6.75	cps
Gadolinium	160-1	1325	1425	1150	1300	10.71	cps
Gadolinium	160-2	750	817	783	783	4.26	cps
Holmium	165-1	17840969	17896432	17910995	17882799	0.21	cps
Holmium	165-2	9776929	9774880	9726615	9759475	0.29	cps
Indium	115-1	14513948	14571111	14352327	14479129	0.78	cps
Indium	115-2	2804769	2821784	2791357	2805970	0.54	cps
Iron	56-2	2118291	2120185	2122087	2120187	0.09	cps
Iron	57-2	53012	52048	52450	52503	0.92	cps
Lead	206-1	1002859	1001202	995671	999910	0.38	cps
Lead	207-1	865085	860342	861254	862227	0.29	cps
Lead	208-1	3968195	3944614	3936414	3949741	0.42	cps
Lithium	6-1	2417286	2418606	2408604	2414832	0.23	cps
Magnesium	24-2	113855	116844	116902	115867	1.50	cps
Manganese	55-2	92280	94011	92143	92811	1.12	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:27:44	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1008	1058	1100	1056	4.35	cps
Molybdenum	95-1	1200	1200	1342	1247	6.56	cps
Molybdenum	96-1	1684	1450	1625	1586	7.66	cps
Molybdenum	97-1	808	950	717	825	14.25	cps
Molybdenum	98-1	1967	2084	2017	2022	2.89	cps
Neodymium	150-1	2467	1974	2334	2258	11.30	cps
Neodymium	150-2	893	887	913	898	1.55	cps
Nickel	60-2	1987	1900	2050	1979	3.81	cps
Phosphorus	31-2	1867	1900	1625	1797	8.35	cps
Potassium	39-2	197040	201288	198343	198890	1.09	cps
Rhodium	103-1	13161620	13113521	13130003	13135048	0.19	cps
Rhodium	103-2	6574656	6574956	6546943	6565518	0.25	cps
Scandium	45-1	8056989	8082157	8055291	8064812	0.19	cps
Scandium	45-2	342587	342965	343508	343020	0.13	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	57	72	46	59	22.17	cps
Selenium	82-1	37	69	-52	18	345.68	cps
Silicon	28-1	740494	745433	727106	737678	1.29	cps
Silver	109-1	3517	3684	3809	3670	3.99	cps
Silver	107-1	3692	3951	3834	3826	3.38	cps
Sodium	23-2	295974	297587	296737	296766	0.27	cps
Strontium	86-1	127740	126073	127472	127095	0.70	cps
Strontium	88-1	1102688	1099541	1096663	1099631	0.27	cps
Sulfur	34-1	269933	267079	268313	268442	0.53	cps
Terbium	159-1	18906233	18892772	18875245	18891417	0.08	cps
Terbium	159-2	9938409	9850130	9859409	9882649	0.49	cps
Thallium	203-1	400	425	392	406	4.28	cps
Thallium	205-1	883	792	858	845	5.61	cps
Tin	118-1	5260	5685	5318	5421	4.25	cps
Titanium	47-1	867	1183	1033	1028	15.41	cps
Uranium	238-1	2534	2634	2284	2484	7.26	cps
Vanadium	51-2	3334	3467	3287	3363	2.78	cps
Yttrium	89-1	14688444	14659757	14679406	14675869	0.10	cps
Yttrium	89-2	2060514	2065696	2054847	2060352	0.26	cps
Zinc	66-2	58788	57694	57764	58082	1.05	cps
Zirconium	90-1	1183	1300	1108	1197	8.07	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:27:44	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	233	225	219	7.91	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:31:17	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27259	26700	26775	26911	1.13	cps
Antimony	121-1	5176	5601	5776	5518	5.59	cps
Arsenic	75-2	683	672	632	662	4.12	cps
Barium	135-1	46328	45643	45668	45879	0.85	cps
Barium	137-1	80668	80592	81003	80754	0.27	cps
Beryllium	9-1	111	100	122	111	10.00	cps
Bismuth	209-1	11676960	11689635	11608988	11658528	0.37	cps
Bismuth	209-2	7379776	7330669	7354059	7354835	0.33	cps
Boron	10-1	1358	1492	1417	1422	4.70	cps
Boron	11-1	7185	7619	7827	7544	4.34	cps
Cadmium	111-1	3408	3369	3409	3395	0.67	cps
Cadmium	106-1	3426	3367	3434	3409	1.07	cps
Cadmium	108-1	129	108	100	113	13.35	cps
Calcium	43-1	197012	198547	197476	197678	0.40	cps
Calcium	44-1	3223943	3259000	3238735	3240559	0.54	cps
Chromium	52-2	10857	10801	10941	10866	0.65	cps
Cobalt	59-2	2120	2004	2064	2062	2.83	cps
Copper	63-2	57539	57272	58383	57731	1.00	cps
Dysprosium	156-1	1383	1550	1483	1472	5.70	cps
Dysprosium	156-2	660	730	777	722	8.13	cps
Erbium	164-1	1325	1408	1308	1347	3.98	cps
Erbium	164-2	613	767	773	718	12.61	cps
Gadolinium	160-1	1425	1367	1417	1403	2.25	cps
Gadolinium	160-2	917	883	867	889	2.86	cps
Holmium	165-1	17857838	17811446	17761825	17810370	0.27	cps
Holmium	165-2	9749555	9755403	9757464	9754141	0.04	cps
Indium	115-1	14360979	14462793	14329392	14384388	0.48	cps
Indium	115-2	2807764	2798106	2807449	2804440	0.20	cps
Iron	56-2	2263022	2250771	2256600	2256798	0.27	cps
Iron	57-2	56102	56943	56230	56425	0.80	cps
Lead	206-1	1056725	1047203	1036548	1046825	0.96	cps
Lead	207-1	901470	904964	901009	902481	0.24	cps
Lead	208-1	4142889	4148018	4146077	4145661	0.06	cps
Lithium	6-1	2426174	2421949	2421685	2423269	0.10	cps
Magnesium	24-2	124068	123320	122750	123379	0.54	cps
Manganese	55-2	98993	99118	99406	99172	0.21	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:31:17	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1175	1275	1167	1206	5.00	cps
Molybdenum	95-1	1317	1217	1283	1272	4.00	cps
Molybdenum	96-1	1400	1525	1542	1489	5.20	cps
Molybdenum	97-1	900	792	817	836	6.78	cps
Molybdenum	98-1	2175	2075	2100	2117	2.46	cps
Neodymium	150-1	2507	2394	2220	2374	6.08	cps
Neodymium	150-2	933	967	893	931	3.94	cps
Nickel	60-2	2127	1857	2150	2045	7.98	cps
Phosphorus	31-2	1775	1675	1500	1650	8.44	cps
Potassium	39-2	208536	207152	207312	207667	0.36	cps
Rhodium	103-1	12962001	13092252	13118329	13057527	0.64	cps
Rhodium	103-2	6586026	6546019	6540682	6557576	0.38	cps
Scandium	45-1	8032708	8066414	8019912	8039678	0.30	cps
Scandium	45-2	343291	343710	342413	343138	0.19	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	57	50	61	56	10.07	cps
Selenium	82-1	1	10	42	18	120.02	cps
Silicon	28-1	787879	778715	784748	783780	0.59	cps
Silver	109-1	3459	3484	3292	3412	3.06	cps
Silver	107-1	3592	3551	3667	3603	1.64	cps
Sodium	23-2	306856	311129	306114	308033	0.88	cps
Strontium	86-1	135088	135703	134130	134973	0.59	cps
Strontium	88-1	1171547	1169394	1165034	1168658	0.28	cps
Sulfur	34-1	275696	277574	275681	276317	0.39	cps
Terbium	159-1	18868897	18783190	18698853	18783647	0.45	cps
Terbium	159-2	9831650	9810700	9810626	9817659	0.12	cps
Thallium	203-1	242	275	275	264	7.29	cps
Thallium	205-1	792	808	808	803	1.20	cps
Tin	118-1	5985	5752	6110	5949	3.06	cps
Titanium	47-1	1067	1108	1158	1111	4.13	cps
Uranium	238-1	2817	2759	2534	2703	5.54	cps
Vanadium	51-2	3717	3404	3547	3556	4.41	cps
Yttrium	89-1	14674919	14696558	14684779	14685419	0.07	cps
Yttrium	89-2	2058812	2065718	2065200	2063243	0.19	cps
Zinc	66-2	60839	60876	61027	60914	0.16	cps
Zirconium	90-1	1008	1217	1142	1122	9.40	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6D	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:31:17	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	308	158	225	33.95	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02LDLX100	Instrumnet Name :	P7
Client Sample ID :	MH0QB6L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-14 12:34:49	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5009	4859	4793	4887	2.27	cps
Antimony	121-1	1133	1400	1350	1295	10.95	cps
Arsenic	75-2	124	100	119	114	11.04	cps
Barium	135-1	8753	8770	8770	8764	0.11	cps
Barium	137-1	15201	15693	15843	15579	2.16	cps
Beryllium	9-1	50	94	50	65	39.59	cps
Bismuth	209-1	11605244	11696664	11630582	11644163	0.41	cps
Bismuth	209-2	7328613	7361706	7363660	7351327	0.27	cps
Boron	10-1	558	558	592	569	3.38	cps
Boron	11-1	2992	2817	2792	2867	3.80	cps
Cadmium	111-1	2441	2573	2502	2505	2.65	cps
Cadmium	106-1	3184	3417	3317	3306	3.54	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	37047	37290	36830	37056	0.62	cps
Calcium	44-1	615225	620031	616134	617130	0.41	cps
Chromium	52-2	2384	2544	2244	2390	6.28	cps
Cobalt	59-2	457	520	457	478	7.65	cps
Copper	63-2	12696	12712	12566	12658	0.64	cps
Dysprosium	156-1	275	325	242	281	14.95	cps
Dysprosium	156-2	147	107	120	124	16.37	cps
Erbium	164-1	275	217	233	242	12.43	cps
Erbium	164-2	127	140	157	141	10.65	cps
Gadolinium	160-1	250	350	325	308	16.88	cps
Gadolinium	160-2	203	253	197	218	14.22	cps
Holmium	165-1	17699110	17590067	17824315	17704497	0.66	cps
Holmium	165-2	9638788	9674913	9641050	9651584	0.21	cps
Indium	115-1	14424086	14334871	14287492	14348816	0.48	cps
Indium	115-2	2762865	2768037	2793424	2774775	0.59	cps
Iron	56-2	420152	417969	424671	420931	0.81	cps
Iron	57-2	10560	10632	11027	10739	2.34	cps
Lead	206-1	200652	197759	196984	198465	0.97	cps
Lead	207-1	171203	169982	171709	170965	0.52	cps
Lead	208-1	792549	785350	784287	787395	0.57	cps
Lithium	6-1	2427115	2422512	2420349	2423326	0.14	cps
Magnesium	24-2	24479	24212	23019	23903	3.25	cps
Manganese	55-2	18308	18108	18579	18332	1.29	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02LDLX100	Instrumnet Name :	P7
Client Sample ID :	MH0QB6L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-14 12:34:49	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	700	508	575	594	16.37	cps
Molybdenum	95-1	367	333	350	350	4.76	cps
Molybdenum	96-1	542	408	492	481	14.02	cps
Molybdenum	97-1	183	217	358	253	36.76	cps
Molybdenum	98-1	642	633	550	608	8.33	cps
Neodymium	150-1	373	413	313	367	13.73	cps
Neodymium	150-2	187	167	167	173	6.66	cps
Nickel	60-2	633	567	577	592	6.07	cps
Phosphorus	31-2	450	317	333	367	19.81	cps
Potassium	39-2	52202	52042	52635	52293	0.59	cps
Rhodium	103-1	13103730	13044783	12976542	13041685	0.49	cps
Rhodium	103-2	6495939	6524044	6542274	6520752	0.36	cps
Scandium	45-1	8019704	7996212	7980025	7998647	0.25	cps
Scandium	45-2	340226	343182	344292	342567	0.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	59	50	59	14.24	cps
Selenium	82-1	5	9	36	16	100.88	cps
Silicon	28-1	273558	273821	269613	272331	0.87	cps
Silver	109-1	942	983	1067	997	6.38	cps
Silver	107-1	942	983	992	972	2.75	cps
Sodium	23-2	72241	70633	71512	71462	1.13	cps
Strontium	86-1	25649	25849	25933	25810	0.56	cps
Strontium	88-1	217624	217593	214921	216712	0.72	cps
Sulfur	34-1	211736	213052	210778	211855	0.54	cps
Terbium	159-1	18669004	18823571	18706171	18732916	0.43	cps
Terbium	159-2	9747068	9748079	9765957	9753702	0.11	cps
Thallium	203-1	175	225	267	222	20.65	cps
Thallium	205-1	600	625	450	558	16.95	cps
Tin	118-1	3109	2767	3075	2984	6.32	cps
Titanium	47-1	383	308	358	350	10.91	cps
Uranium	238-1	617	567	617	600	4.81	cps
Vanadium	51-2	657	643	733	678	7.17	cps
Yttrium	89-1	14603594	14554902	14596025	14584840	0.18	cps
Yttrium	89-2	2043872	2029119	2050586	2041192	0.54	cps
Zinc	66-2	14331	14678	15001	14670	2.29	cps
Zirconium	90-1	967	917	1142	1008	11.72	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-02LDLX100	Instrumnet Name :	P7
Client Sample ID :	MH0QB6L	Dilution Factor :	100
Date & Time Acquired ::	2017-11-14 12:34:49	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	208	158	192	15.06	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:38:21	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27318	28211	27251	27593	1.94	cps
Antimony	121-1	14875	14850	14708	14811	0.61	cps
Arsenic	75-2	835	800	765	800	4.40	cps
Barium	135-1	92179	92097	91484	91920	0.41	cps
Barium	137-1	161505	162397	159666	161189	0.86	cps
Beryllium	9-1	772	733	828	778	6.10	cps
Bismuth	209-1	11648842	11631756	11597512	11626037	0.22	cps
Bismuth	209-2	7272619	7342724	7337241	7317528	0.53	cps
Boron	10-1	1158	1333	1208	1233	7.31	cps
Boron	11-1	6143	6151	5918	6071	2.18	cps
Cadmium	111-1	4344	4098	4289	4243	3.04	cps
Cadmium	106-1	3501	2925	3367	3264	9.22	cps
Cadmium	108-1	171	179	163	171	4.88	cps
Calcium	43-1	191945	197383	195297	194875	1.41	cps
Calcium	44-1	3173659	3161169	3132514	3155781	0.67	cps
Chromium	52-2	15855	15832	15665	15784	0.66	cps
Cobalt	59-2	24831	24427	24721	24660	0.85	cps
Copper	63-2	63845	64639	65007	64497	0.92	cps
Dysprosium	156-1	1342	1325	1358	1342	1.24	cps
Dysprosium	156-2	743	693	673	703	5.13	cps
Erbium	164-1	1342	1283	1108	1245	9.76	cps
Erbium	164-2	683	687	710	693	2.10	cps
Gadolinium	160-1	1358	1559	1217	1378	12.46	cps
Gadolinium	160-2	833	783	697	771	8.97	cps
Holmium	165-1	17809167	17635224	17668473	17704288	0.52	cps
Holmium	165-2	9584394	9615933	9653732	9618020	0.36	cps
Indium	115-1	14332292	14356772	14275705	14321590	0.29	cps
Indium	115-2	2762234	2761873	2787828	2770645	0.54	cps
Iron	56-2	2230133	2235417	2240646	2235399	0.24	cps
Iron	57-2	55778	54853	55578	55403	0.88	cps
Lead	206-1	1030353	1024077	1006128	1020186	1.23	cps
Lead	207-1	891495	881795	870102	881131	1.22	cps
Lead	208-1	4076752	4045488	3999145	4040461	0.97	cps
Lithium	6-1	2461531	2443945	2428973	2444816	0.67	cps
Magnesium	24-2	120767	119070	120541	120126	0.77	cps
Manganese	55-2	104796	103819	103981	104199	0.50	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:38:21	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1200	1233	1242	1225	1.80	cps
Molybdenum	95-1	1367	1300	1233	1300	5.13	cps
Molybdenum	96-1	1400	1475	1558	1478	5.36	cps
Molybdenum	97-1	817	733	758	769	5.56	cps
Molybdenum	98-1	2059	1875	2234	2056	8.72	cps
Neodymium	150-1	2534	2280	2180	2331	7.82	cps
Neodymium	150-2	927	1067	1013	1002	7.05	cps
Nickel	60-2	7842	7809	7979	7877	1.14	cps
Phosphorus	31-2	1675	1817	1433	1642	11.81	cps
Potassium	39-2	201407	198662	201128	200399	0.75	cps
Rhodium	103-1	13022159	13083038	12944818	13016672	0.53	cps
Rhodium	103-2	6543373	6521839	6553921	6539711	0.25	cps
Scandium	45-1	7991400	7985605	8032460	8003155	0.32	cps
Scandium	45-2	342399	339183	345941	342508	0.99	cps
Selenium	77-2	13	13	17	14	13.35	cps
Selenium	78-2	87	63	89	80	18.17	cps
Selenium	82-1	176	146	72	131	40.90	cps
Silicon	28-1	769676	764039	761814	765176	0.53	cps
Silver	109-1	8778	9245	8428	8817	4.65	cps
Silver	107-1	9028	9237	8961	9075	1.58	cps
Sodium	23-2	298116	300205	301726	300016	0.60	cps
Strontium	86-1	131868	131261	130286	131138	0.61	cps
Strontium	88-1	1144352	1140837	1123306	1136165	0.99	cps
Sulfur	34-1	273084	269020	271284	271129	0.75	cps
Terbium	159-1	18763111	18734403	18653698	18717071	0.30	cps
Terbium	159-2	9696570	9750875	9779301	9742249	0.43	cps
Thallium	203-1	5410	4909	4834	5051	6.19	cps
Thallium	205-1	11522	11714	11631	11622	0.83	cps
Tin	118-1	5543	5527	5251	5440	3.01	cps
Titanium	47-1	1217	1117	1167	1167	4.29	cps
Uranium	238-1	2709	2592	2509	2603	3.86	cps
Vanadium	51-2	14170	14324	14664	14386	1.76	cps
Yttrium	89-1	14652589	14617817	14582657	14617688	0.24	cps
Yttrium	89-2	2043190	2028438	2053527	2041718	0.62	cps
Zinc	66-2	60880	60726	61164	60923	0.37	cps
Zirconium	90-1	1250	1250	1233	1245	0.77	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6425-04DLX20	Instrumnet Name :	P7
Client Sample ID :	MH0QB6S	Dilution Factor :	20
Date & Time Acquired ::	2017-11-14 12:38:21	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	317	325	272	30.97	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:41:52	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3874386	3919715	3943978	3912693	0.90	cps
Antimony	121-1	4770361	4762207	4805385	4779318	0.48	cps
Arsenic	75-2	154544	156174	156629	155782	0.70	cps
Barium	135-1	5820702	5811212	5829720	5820545	0.16	cps
Barium	137-1	10310002	10262618	10340802	10304474	0.38	cps
Beryllium	9-1	618250	618312	624666	620409	0.59	cps
Bismuth	209-1	10262237	10331940	10342245	10312140	0.42	cps
Bismuth	209-2	6464621	6547234	6603482	6538445	1.07	cps
Boron	10-1	73219	75094	77977	75430	3.18	cps
Boron	11-1	361220	369167	376131	368839	2.02	cps
Cadmium	111-1	1077054	1069545	1070562	1072387	0.38	cps
Cadmium	106-1	116475	115434	117610	116507	0.93	cps
Cadmium	108-1	78985	79458	78922	79122	0.37	cps
Calcium	43-1	6500492	6530938	6568051	6533160	0.52	cps
Calcium	44-1	103887842	104724525	105303409	104638592	0.68	cps
Chromium	52-2	1337889	1344794	1361357	1348013	0.89	cps
Cobalt	59-2	2173355	2197795	2207984	2193045	0.81	cps
Copper	63-2	3090988	3098903	3127640	3105843	0.62	cps
Dysprosium	156-1	83	83	150	106	36.46	cps
Dysprosium	156-2	77	53	67	66	17.86	cps
Erbium	164-1	17	83	67	56	62.45	cps
Erbium	164-2	33	43	33	37	15.75	cps
Gadolinium	160-1	158	150	75	128	35.92	cps
Gadolinium	160-2	137	163	147	149	9.05	cps
Holmium	165-1	17192453	17202960	17196341	17197251	0.03	cps
Holmium	165-2	9468973	9504276	9552371	9508540	0.44	cps
Indium	115-1	13322061	13258334	13403203	13327866	0.54	cps
Indium	115-2	2638890	2677237	2684216	2666781	0.92	cps
Iron	56-2	273892828	273061645	274983939	273979471	0.35	cps
Iron	57-2	6764529	6765126	6823363	6784339	0.50	cps
Lead	206-1	3530836	3519489	3530834	3527053	0.19	cps
Lead	207-1	3268519	3228324	3260474	3252439	0.65	cps
Lead	208-1	14688969	14633822	14720990	14681260	0.30	cps
Lithium	6-1	2358976	2358041	2365205	2360741	0.16	cps
Magnesium	24-2	45273091	45483466	45549331	45435296	0.32	cps
Manganese	55-2	1508573	1515878	1523956	1516136	0.51	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:41:52	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9734752	9799924	9827574	9787417	0.49	cps
Molybdenum	95-1	11710779	11734766	11820796	11755447	0.49	cps
Molybdenum	96-1	13019191	13037184	13098525	13051634	0.32	cps
Molybdenum	97-1	7355298	7440924	7395399	7397207	0.58	cps
Molybdenum	98-1	18963075	19047562	19075664	19028767	0.31	cps
Neodymium	150-1	253	273	393	307	24.69	cps
Neodymium	150-2	40	83	63	62	34.86	cps
Nickel	60-2	564789	571473	574417	570226	0.87	cps
Phosphorus	31-2	38133	38559	38935	38542	1.04	cps
Potassium	39-2	22510834	22445922	22668144	22541633	0.51	cps
Rhodium	103-1	11790613	11774050	11742946	11769203	0.21	cps
Rhodium	103-2	5949438	5908471	5918861	5925590	0.36	cps
Scandium	45-1	7785903	7867676	7915846	7856475	0.84	cps
Scandium	45-2	344084	345613	349777	346491	0.85	cps
Selenium	77-2	2940	2857	2867	2888	1.58	cps
Selenium	78-2	9802	9989	9983	9924	1.07	cps
Selenium	82-1	64186	64731	64705	64540	0.48	cps
Silicon	28-1	2793725	2825038	2852191	2823651	1.04	cps
Silver	109-1	5221618	5212349	5226985	5220317	0.14	cps
Silver	107-1	5380672	5382704	5406502	5389959	0.27	cps
Sodium	23-2	82319119	82852860	83040054	82737344	0.45	cps
Strontium	86-1	1512445	1530353	1529442	1524080	0.66	cps
Strontium	88-1	13398811	13442453	13474582	13438615	0.28	cps
Sulfur	34-1	551605	557657	553654	554305	0.56	cps
Terbium	159-1	17896926	18010589	18061687	17989734	0.47	cps
Terbium	159-2	9580828	9594687	9621134	9598883	0.21	cps
Thallium	203-1	4416006	4430031	4420118	4422052	0.16	cps
Thallium	205-1	10626859	10682598	10747689	10685715	0.57	cps
Tin	118-1	3823458	3794109	3816843	3811470	0.40	cps
Titanium	47-1	2988589	2983866	3007674	2993377	0.42	cps
Uranium	238-1	15793305	15824404	15795370	15804360	0.11	cps
Vanadium	51-2	1117897	1125839	1128218	1123985	0.48	cps
Yttrium	89-1	14065789	14117317	14137708	14106938	0.26	cps
Yttrium	89-2	2033952	2053996	2079772	2055907	1.12	cps
Zinc	66-2	420377	423655	428594	424208	0.98	cps
Zirconium	90-1	8344761	8338025	8415216	8366001	0.51	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:41:52	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1830453	1814352	1829389	1824731	0.49	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:48:45	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	167	125	122	37.55	cps
Antimony	121-1	4559	4593	4209	4454	4.77	cps
Arsenic	75-2	17	17	17	17	0.00	cps
Barium	135-1	200	158	142	167	18.03	cps
Barium	137-1	325	350	342	339	3.76	cps
Beryllium	9-1	144	111	144	133	14.44	cps
Bismuth	209-1	11649059	11571008	11547850	11589306	0.46	cps
Bismuth	209-2	7397389	7422169	7349369	7389643	0.50	cps
Boron	10-1	942	775	950	889	11.11	cps
Boron	11-1	4284	4017	4109	4137	3.28	cps
Cadmium	111-1	2293	2197	2356	2282	3.51	cps
Cadmium	106-1	3201	3084	3309	3198	3.52	cps
Cadmium	108-1	8	29	21	19	53.95	cps
Calcium	43-1	683	692	750	708	5.13	cps
Calcium	44-1	19180	18913	19347	19146	1.14	cps
Chromium	52-2	460	527	543	510	8.65	cps
Cobalt	59-2	187	187	203	192	5.01	cps
Copper	63-2	1917	2150	1880	1982	7.39	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	67	58	25	50	44.10	cps
Erbium	164-2	17	27	43	29	46.62	cps
Gadolinium	160-1	50	58	83	64	27.15	cps
Gadolinium	160-2	90	63	97	83	21.17	cps
Holmium	165-1	17706182	17730901	17598139	17678407	0.40	cps
Holmium	165-2	9718925	9718799	9687344	9708356	0.19	cps
Indium	115-1	14575123	14494956	14494863	14521647	0.32	cps
Indium	115-2	2816349	2816374	2805069	2812597	0.23	cps
Iron	56-2	10660	10498	10504	10554	0.87	cps
Iron	57-2	283	367	333	328	12.80	cps
Lead	206-1	2417	2489	2545	2484	2.58	cps
Lead	207-1	2089	2350	2072	2171	7.18	cps
Lead	208-1	9902	10080	9841	9941	1.25	cps
Lithium	6-1	2551509	2521821	2533628	2535653	0.59	cps
Magnesium	24-2	1467	1483	1467	1472	0.65	cps
Manganese	55-2	120	130	173	141	20.09	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:48:45	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1475	1559	1558	1531	3.14	cps
Molybdenum	95-1	1525	1600	1634	1586	3.50	cps
Molybdenum	96-1	1742	1617	1900	1753	8.10	cps
Molybdenum	97-1	1050	725	817	864	19.40	cps
Molybdenum	98-1	2267	2450	2442	2386	4.34	cps
Neodymium	150-1	7	7	33	16	98.96	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	257	260	240	252	4.25	cps
Phosphorus	31-2	108	58	42	69	49.96	cps
Potassium	39-2	17503	18254	17853	17870	2.10	cps
Rhodium	103-1	13309725	13206597	13210412	13242245	0.44	cps
Rhodium	103-2	6636974	6623737	6632708	6631139	0.10	cps
Scandium	45-1	8255247	8187246	8113477	8185323	0.87	cps
Scandium	45-2	349519	351773	348412	349901	0.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	61	69	67	7.35	cps
Selenium	82-1	30	-6	-79	-19	-297.16	cps
Silicon	28-1	165211	163442	163501	164051	0.61	cps
Silver	109-1	183	292	317	264	26.86	cps
Silver	107-1	400	400	333	378	10.19	cps
Sodium	23-2	17895	17661	18145	17900	1.35	cps
Strontium	86-1	733	742	783	753	3.56	cps
Strontium	88-1	792	583	717	697	15.13	cps
Sulfur	34-1	211294	212359	210354	211336	0.47	cps
Terbium	159-1	18841620	18726908	18697414	18755314	0.41	cps
Terbium	159-2	9844358	9856860	9779329	9826849	0.42	cps
Thallium	203-1	708	667	675	683	3.23	cps
Thallium	205-1	1842	1517	1342	1567	16.20	cps
Tin	118-1	3476	3392	3667	3512	4.02	cps
Titanium	47-1	175	267	150	197	31.14	cps
Uranium	238-1	275	308	358	314	13.36	cps
Vanadium	51-2	27	20	40	29	35.25	cps
Yttrium	89-1	14838628	14751181	14788455	14792755	0.30	cps
Yttrium	89-2	2075283	2088389	2082054	2081909	0.31	cps
Zinc	66-2	3681	3881	3811	3791	2.68	cps
Zirconium	90-1	2084	2009	2059	2050	1.86	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:48:45	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	400	450	428	5.95	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104260BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:53:58	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	83	83	108	39.97	cps
Antimony	121-1	2509	2575	2225	2436	7.63	cps
Arsenic	75-2	20	17	24	20	18.16	cps
Barium	135-1	158	167	158	161	2.98	cps
Barium	137-1	317	392	358	356	10.57	cps
Beryllium	9-1	117	100	89	102	13.73	cps
Bismuth	209-1	13560786	12321504	11803028	12561773	7.19	cps
Bismuth	209-2	7145973	7138205	7263685	7182621	0.98	cps
Boron	10-1	542	667	642	617	10.73	cps
Boron	11-1	2834	2750	2967	2850	3.84	cps
Cadmium	111-1	2413	2390	2264	2356	3.42	cps
Cadmium	106-1	3367	3342	3201	3303	2.72	cps
Cadmium	108-1	21	17	8	15	41.67	cps
Calcium	43-1	550	550	467	522	9.21	cps
Calcium	44-1	16944	17044	17269	17086	0.98	cps
Chromium	52-2	490	517	577	528	8.41	cps
Cobalt	59-2	160	140	140	147	7.87	cps
Copper	63-2	1753	1817	1650	1740	4.84	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	25	50	50	42	34.64	cps
Erbium	164-2	23	60	20	34	64.44	cps
Gadolinium	160-1	42	58	83	61	34.32	cps
Gadolinium	160-2	80	70	80	77	7.53	cps
Holmium	165-1	20641934	18662216	17777935	19027361	7.71	cps
Holmium	165-2	9331140	9382742	9450330	9388071	0.64	cps
Indium	115-1	16799552	15322559	14617234	15579782	7.15	cps
Indium	115-2	2689863	2678382	2725609	2697951	0.91	cps
Iron	56-2	9887	8708	7096	8564	16.36	cps
Iron	57-2	278	261	194	244	18.04	cps
Lead	206-1	2506	2539	2295	2447	5.42	cps
Lead	207-1	2195	2267	1945	2135	7.92	cps
Lead	208-1	9718	9818	9413	9650	2.19	cps
Lithium	6-1	2945914	2683690	2549176	2726260	7.40	cps
Magnesium	24-2	1675	1750	1200	1542	19.35	cps
Manganese	55-2	163	140	150	151	7.75	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104260BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:53:58	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1033	1058	1158	1083	6.11	cps
Molybdenum	95-1	733	925	742	800	13.54	cps
Molybdenum	96-1	1075	992	892	986	9.31	cps
Molybdenum	97-1	642	392	433	489	27.40	cps
Molybdenum	98-1	1350	1283	1408	1347	4.64	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	253	267	237	252	5.96	cps
Phosphorus	31-2	83	83	58	75	19.24	cps
Potassium	39-2	16727	16944	17828	17166	3.40	cps
Rhodium	103-1	15283634	13860796	13280432	14141620	7.29	cps
Rhodium	103-2	6380206	6412616	6453679	6415500	0.57	cps
Scandium	45-1	9527930	8678755	8249998	8818894	7.37	cps
Scandium	45-2	337268	336331	341289	338296	0.78	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	59	57	59	59	1.82	cps
Selenium	82-1	-13	9	53	16	206.49	cps
Silicon	28-1	157649	158094	162272	159338	1.60	cps
Silver	109-1	200	200	208	203	2.37	cps
Silver	107-1	225	350	175	250	36.06	cps
Sodium	23-2	17452	16485	15650	16529	5.46	cps
Strontium	86-1	517	858	825	733	25.69	cps
Strontium	88-1	717	708	933	786	16.23	cps
Sulfur	34-1	200464	203793	205583	203280	1.28	cps
Terbium	159-1	21696483	19860176	18764821	20107160	7.37	cps
Terbium	159-2	9480671	9547600	9631129	9553133	0.79	cps
Thallium	203-1	458	350	400	403	13.46	cps
Thallium	205-1	967	983	1033	995	3.49	cps
Tin	118-1	2975	2917	2992	2962	1.33	cps
Titanium	47-1	208	175	217	200	11.02	cps
Uranium	238-1	400	383	375	386	3.30	cps
Vanadium	51-2	20	27	10	19	44.42	cps
Yttrium	89-1	17217647	15646341	14909496	15924494	7.40	cps
Yttrium	89-2	1983236	1988944	2015079	1995753	0.85	cps
Zinc	66-2	3554	3507	3667	3576	2.30	cps
Zirconium	90-1	1675	1675	1500	1617	6.25	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104260BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:53:58	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	300	308	342	19.05	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104260BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:57:29	DataFile Name :	033LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2967	2967	2834	2923	2.63	cps
Antimony	121-1	38604	37008	37459	37690	2.18	cps
Arsenic	75-2	606	630	615	617	1.97	cps
Barium	135-1	44280	42950	43201	43477	1.62	cps
Barium	137-1	76797	76670	78129	77199	1.05	cps
Beryllium	9-1	2372	2617	2639	2543	5.82	cps
Bismuth	209-1	11577249	11577932	11628322	11594501	0.25	cps
Bismuth	209-2	7348769	7335006	7311090	7331621	0.26	cps
Boron	10-1	7127	7044	7360	7177	2.29	cps
Boron	11-1	34465	35944	36537	35649	2.99	cps
Cadmium	111-1	6804	6637	6692	6711	1.27	cps
Cadmium	106-1	3917	3484	3676	3692	5.88	cps
Cadmium	108-1	383	296	283	321	16.98	cps
Calcium	43-1	24546	23862	25314	24574	2.96	cps
Calcium	44-1	405483	400707	403491	403227	0.59	cps
Chromium	52-2	11435	11308	11518	11420	0.93	cps
Cobalt	59-2	8559	8773	9103	8812	3.11	cps
Copper	63-2	14794	14180	14744	14573	2.34	cps
Dysprosium	156-1	33	42	8	28	62.46	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	67	58	92	72	24.02	cps
Erbium	164-2	53	47	73	58	24.02	cps
Gadolinium	160-1	100	142	50	97	47.21	cps
Gadolinium	160-2	63	100	103	89	24.97	cps
Holmium	165-1	17588591	17601669	17483193	17557817	0.37	cps
Holmium	165-2	9591649	9567462	9545464	9568192	0.24	cps
Indium	115-1	14377695	14403339	14378130	14386388	0.10	cps
Indium	115-2	2765668	2770111	2781982	2772587	0.30	cps
Iron	56-2	939145	952201	954405	948584	0.87	cps
Iron	57-2	23113	23892	23714	23573	1.73	cps
Lead	206-1	16327	16889	16394	16537	1.86	cps
Lead	207-1	15609	15120	15315	15348	1.61	cps
Lead	208-1	67780	69072	68337	68396	0.95	cps
Lithium	6-1	2513483	2528088	2511423	2517665	0.36	cps
Magnesium	24-2	172473	170012	170382	170956	0.78	cps
Manganese	55-2	3240	3207	2960	3136	4.88	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104260BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:57:29	DataFile Name :	033LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	36573	38260	36272	37035	2.89	cps
Molybdenum	95-1	44336	43384	43843	43854	1.09	cps
Molybdenum	96-1	48483	46853	48684	48007	2.09	cps
Molybdenum	97-1	27536	27620	27478	27544	0.26	cps
Molybdenum	98-1	68884	69411	69570	69288	0.52	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2594	2754	2607	2651	3.35	cps
Phosphorus	31-2	125	108	150	128	16.41	cps
Potassium	39-2	180476	182392	182601	181823	0.64	cps
Rhodium	103-1	13124724	13035408	13102089	13087407	0.35	cps
Rhodium	103-2	6584839	6576813	6566394	6576015	0.14	cps
Scandium	45-1	8161439	8099644	8131003	8130695	0.38	cps
Scandium	45-2	347400	350852	350218	349490	0.53	cps
Selenium	77-2	73	70	47	63	22.94	cps
Selenium	78-2	241	265	293	266	9.75	cps
Selenium	82-1	1388	1324	1353	1355	2.35	cps
Silicon	28-1	296245	293763	294094	294701	0.46	cps
Silver	109-1	22443	22101	21717	22087	1.64	cps
Silver	107-1	23228	23045	22327	22866	2.08	cps
Sodium	23-2	328441	334751	330586	331260	0.97	cps
Strontium	86-1	6544	6869	6527	6646	2.90	cps
Strontium	88-1	49453	50339	49846	49879	0.89	cps
Sulfur	34-1	210465	210719	205608	208931	1.38	cps
Terbium	159-1	18610883	18613063	18569589	18597845	0.13	cps
Terbium	159-2	9696577	9739537	9728729	9721614	0.23	cps
Thallium	203-1	17996	18438	17504	17980	2.60	cps
Thallium	205-1	43414	44083	43347	43615	0.93	cps
Tin	118-1	76818	75906	76208	76311	0.61	cps
Titanium	47-1	11889	11455	11405	11583	2.30	cps
Uranium	238-1	57528	56473	57528	57176	1.07	cps
Vanadium	51-2	20194	20912	20932	20679	2.03	cps
Yttrium	89-1	14698517	14770685	14742150	14737117	0.25	cps
Yttrium	89-2	2050128	2048325	2061035	2053163	0.33	cps
Zinc	66-2	5591	5651	5478	5573	1.58	cps
Zirconium	90-1	34075	33106	32997	33392	1.78	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104260BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 12:57:29	DataFile Name :	033LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6869	7427	6844	7046	4.68	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : PB104262BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 13:01:01 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	58	44	39.04	cps
Antimony	121-1	1008	1242	1017	1089	12.16	cps
Arsenic	75-2	13	13	15	14	7.87	cps
Barium	135-1	83	100	83	89	10.82	cps
Barium	137-1	175	233	275	228	22.05	cps
Beryllium	9-1	67	56	89	70	24.12	cps
Bismuth	209-1	11594633	11606801	11675881	11625772	0.38	cps
Bismuth	209-2	7329954	7304925	7306380	7313753	0.19	cps
Boron	10-1	558	475	392	475	17.54	cps
Boron	11-1	3242	2450	2359	2684	18.10	cps
Cadmium	111-1	2277	2164	2059	2167	5.03	cps
Cadmium	106-1	3226	3084	2900	3070	5.31	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	425	400	333	386	12.27	cps
Calcium	44-1	15784	16285	14866	15645	4.60	cps
Chromium	52-2	603	517	580	567	7.91	cps
Cobalt	59-2	170	123	123	139	19.40	cps
Copper	63-2	1640	1577	1750	1656	5.30	cps
Dysprosium	156-1	25	17	33	25	33.34	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	58	67	67	64	7.53	cps
Erbium	164-2	20	40	13	24	56.78	cps
Gadolinium	160-1	33	83	33	50	57.75	cps
Gadolinium	160-2	87	83	87	86	2.25	cps
Holmium	165-1	17574018	17585571	17485496	17548361	0.31	cps
Holmium	165-2	9533190	9541098	9518842	9531044	0.12	cps
Indium	115-1	14350209	14427422	14313947	14363859	0.40	cps
Indium	115-2	2762517	2758344	2761865	2760909	0.08	cps
Iron	56-2	5435	5685	5835	5651	3.58	cps
Iron	57-2	200	133	183	172	20.15	cps
Lead	206-1	2250	2089	2161	2167	3.72	cps
Lead	207-1	1934	1889	1995	1939	2.73	cps
Lead	208-1	9457	8935	8818	9070	3.75	cps
Lithium	6-1	2526272	2523724	2533267	2527754	0.20	cps
Magnesium	24-2	1408	1283	1383	1358	4.87	cps
Manganese	55-2	100	120	123	114	11.03	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104262BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:01:01	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	558	567	517	547	4.90	cps
Molybdenum	95-1	375	342	383	367	6.01	cps
Molybdenum	96-1	492	500	550	514	6.14	cps
Molybdenum	97-1	258	358	225	281	24.73	cps
Molybdenum	98-1	608	483	633	575	13.98	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	313	220	253	262	18.04	cps
Phosphorus	31-2	50	83	58	64	27.15	cps
Potassium	39-2	16785	16868	16702	16785	0.50	cps
Rhodium	103-1	13139537	13189482	13108687	13145902	0.31	cps
Rhodium	103-2	6571503	6557657	6558116	6562425	0.12	cps
Scandium	45-1	8120541	8167734	8104677	8130984	0.40	cps
Scandium	45-2	345785	344457	343371	344538	0.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	43	74	60	26.75	cps
Selenium	82-1	-16	-43	58	0	-10439.09	cps
Silicon	28-1	160829	160243	157775	159616	1.02	cps
Silver	109-1	200	192	167	186	9.32	cps
Silver	107-1	267	208	192	222	17.72	cps
Sodium	23-2	15116	14399	15158	14891	2.87	cps
Strontium	86-1	708	783	592	694	13.91	cps
Strontium	88-1	525	533	442	500	10.14	cps
Sulfur	34-1	207281	207256	207746	207428	0.13	cps
Terbium	159-1	18647272	18733355	18506994	18629207	0.61	cps
Terbium	159-2	9684707	9696128	9654458	9678431	0.22	cps
Thallium	203-1	358	283	367	336	13.66	cps
Thallium	205-1	725	775	792	764	4.54	cps
Tin	118-1	3050	2867	2967	2962	3.10	cps
Titanium	47-1	200	158	133	164	20.55	cps
Uranium	238-1	150	233	142	175	28.97	cps
Vanadium	51-2	13	7	17	12	41.65	cps
Yttrium	89-1	14707514	14708891	14700814	14705740	0.03	cps
Yttrium	89-2	2048907	2043556	2044574	2045679	0.14	cps
Zinc	66-2	3827	3614	3554	3665	3.92	cps
Zirconium	90-1	1075	1142	1167	1128	4.20	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104262BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:01:01	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	217	225	233	9.45	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104262BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:04:33	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2984	3125	3142	3084	2.82	cps
Antimony	121-1	37618	36875	37860	37451	1.37	cps
Arsenic	75-2	606	606	532	581	7.36	cps
Barium	135-1	45141	44706	43753	44534	1.59	cps
Barium	137-1	76586	78447	78154	77729	1.29	cps
Beryllium	9-1	2511	2661	2767	2647	4.85	cps
Bismuth	209-1	11586700	11608119	11656422	11617081	0.31	cps
Bismuth	209-2	7306048	7320792	7330954	7319264	0.17	cps
Boron	10-1	7377	7177	7177	7244	1.59	cps
Boron	11-1	34098	36345	36395	35612	3.68	cps
Cadmium	111-1	6415	6874	6389	6559	4.16	cps
Cadmium	106-1	3684	3701	3576	3653	1.86	cps
Cadmium	108-1	313	275	300	296	6.45	cps
Calcium	43-1	24988	24604	24713	24769	0.80	cps
Calcium	44-1	404653	407723	405933	406103	0.38	cps
Chromium	52-2	11304	11335	11244	11294	0.41	cps
Cobalt	59-2	8719	9140	9180	9013	2.83	cps
Copper	63-2	14297	14601	14474	14457	1.05	cps
Dysprosium	156-1	25	25	50	33	43.30	cps
Dysprosium	156-2	13	0	3	6	124.93	cps
Erbium	164-1	92	92	100	94	5.10	cps
Erbium	164-2	43	53	33	43	23.08	cps
Gadolinium	160-1	83	100	25	69	56.71	cps
Gadolinium	160-2	90	80	73	81	10.34	cps
Holmium	165-1	17491692	17647744	17784162	17641199	0.83	cps
Holmium	165-2	9598577	9621553	9587213	9602447	0.18	cps
Indium	115-1	14384139	14487645	14462781	14444855	0.37	cps
Indium	115-2	2752285	2763942	2766325	2760850	0.27	cps
Iron	56-2	903344	900779	902432	902185	0.14	cps
Iron	57-2	23080	22946	22529	22852	1.26	cps
Lead	206-1	17050	17456	16739	17082	2.11	cps
Lead	207-1	15148	14875	14892	14972	1.02	cps
Lead	208-1	68314	68977	68404	68565	0.52	cps
Lithium	6-1	2525155	2524738	2515483	2521792	0.22	cps
Magnesium	24-2	171671	175869	172820	173453	1.25	cps
Manganese	55-2	3317	3057	3250	3208	4.21	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104262BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:04:33	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	38169	36222	38327	37573	3.12	cps
Molybdenum	95-1	42815	43216	44245	43425	1.70	cps
Molybdenum	96-1	49947	49679	49219	49615	0.74	cps
Molybdenum	97-1	27745	27194	28245	27728	1.90	cps
Molybdenum	98-1	72552	70617	71773	71647	1.36	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2917	2750	2650	2773	4.86	cps
Phosphorus	31-2	92	92	108	97	9.90	cps
Potassium	39-2	185098	186787	185168	185684	0.51	cps
Rhodium	103-1	13039643	13111208	13161741	13104198	0.47	cps
Rhodium	103-2	6534989	6592729	6572924	6566881	0.45	cps
Scandium	45-1	8119592	8132721	8081220	8111178	0.33	cps
Scandium	45-2	344862	345522	344574	344986	0.14	cps
Selenium	77-2	33	50	97	60	54.72	cps
Selenium	78-2	248	250	298	265	10.68	cps
Selenium	82-1	1306	1335	1323	1321	1.10	cps
Silicon	28-1	293849	292279	292279	292802	0.31	cps
Silver	109-1	22335	22619	22752	22569	0.94	cps
Silver	107-1	23136	22176	23095	22802	2.38	cps
Sodium	23-2	334758	334521	333721	334334	0.16	cps
Strontium	86-1	6618	6152	6568	6446	3.98	cps
Strontium	88-1	50858	52974	51200	51677	2.20	cps
Sulfur	34-1	208726	207956	208929	208537	0.25	cps
Terbium	159-1	18644118	18759625	18727176	18710306	0.32	cps
Terbium	159-2	9646324	9730775	9692729	9689943	0.44	cps
Thallium	203-1	18347	17821	17979	18049	1.49	cps
Thallium	205-1	44359	43121	43230	43570	1.57	cps
Tin	118-1	77547	77170	78033	77583	0.56	cps
Titanium	47-1	11588	11280	11405	11424	1.36	cps
Uranium	238-1	59169	56540	58138	57949	2.29	cps
Vanadium	51-2	20882	20872	20868	20874	0.03	cps
Yttrium	89-1	14670253	14709527	14732807	14704196	0.22	cps
Yttrium	89-2	2038662	2056844	2048944	2048150	0.45	cps
Zinc	66-2	5541	5795	5675	5670	2.24	cps
Zirconium	90-1	33198	32588	31903	32563	1.99	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104262BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:04:33	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7211	7644	7102	7319	3.92	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:08:04	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4009511	4033887	4066846	4036748	0.71	cps
Antimony	121-1	4790264	4839002	4848930	4826065	0.65	cps
Arsenic	75-2	156163	156128	159661	157317	1.29	cps
Barium	135-1	5850550	5970127	5857489	5892722	1.14	cps
Barium	137-1	10374353	10442879	10352973	10390068	0.45	cps
Beryllium	9-1	636284	634156	639779	636740	0.45	cps
Bismuth	209-1	10378723	10407226	10421782	10402577	0.21	cps
Bismuth	209-2	6488397	6550304	6581712	6540138	0.73	cps
Boron	10-1	75982	77674	78722	77459	1.78	cps
Boron	11-1	369046	378386	387535	378322	2.44	cps
Cadmium	111-1	1084101	1085425	1086689	1085405	0.12	cps
Cadmium	106-1	116686	118393	118273	117784	0.81	cps
Cadmium	108-1	79769	79895	81408	80357	1.13	cps
Calcium	43-1	6662104	6711730	6696537	6690123	0.38	cps
Calcium	44-1	106679832	107900715	107567844	107382797	0.59	cps
Chromium	52-2	1360492	1370670	1386738	1372634	0.96	cps
Cobalt	59-2	2226649	2229082	2253797	2236510	0.67	cps
Copper	63-2	3153317	3179097	3188637	3173684	0.58	cps
Dysprosium	156-1	158	117	58	111	45.21	cps
Dysprosium	156-2	60	40	83	61	35.49	cps
Erbium	164-1	125	58	92	92	36.36	cps
Erbium	164-2	40	43	47	43	7.70	cps
Gadolinium	160-1	150	142	117	136	12.75	cps
Gadolinium	160-2	117	133	140	130	9.24	cps
Holmium	165-1	17215268	17361410	17293044	17289907	0.42	cps
Holmium	165-2	9516859	9548823	9550218	9538633	0.20	cps
Indium	115-1	13405904	13459347	13472912	13446054	0.26	cps
Indium	115-2	2670196	2694734	2712061	2692330	0.78	cps
Iron	56-2	277556506	278129378	280265973	278650619	0.51	cps
Iron	57-2	6904084	6927649	7008227	6946653	0.79	cps
Lead	206-1	3553213	3577534	3556124	3562290	0.37	cps
Lead	207-1	3266745	3287394	3266586	3273575	0.37	cps
Lead	208-1	14804783	14888752	14840590	14844708	0.28	cps
Lithium	6-1	2421553	2439371	2440162	2433695	0.43	cps
Magnesium	24-2	46590666	46629917	46831264	46683949	0.28	cps
Manganese	55-2	1529994	1546957	1559169	1545374	0.95	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:08:04	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9860323	9900283	9982360	9914322	0.63	cps
Molybdenum	95-1	11881512	11868478	11911336	11887109	0.18	cps
Molybdenum	96-1	13151977	13240501	13210626	13201035	0.34	cps
Molybdenum	97-1	7430691	7469318	7483622	7461210	0.37	cps
Molybdenum	98-1	19155501	19289247	19323032	19255927	0.46	cps
Neodymium	150-1	280	307	247	278	10.82	cps
Neodymium	150-2	30	57	43	43	30.77	cps
Nickel	60-2	573154	577215	583011	577793	0.86	cps
Phosphorus	31-2	39411	39579	39579	39523	0.24	cps
Potassium	39-2	23016601	23074668	23252477	23114582	0.53	cps
Rhodium	103-1	11846143	11847432	11885483	11859686	0.19	cps
Rhodium	103-2	5857074	5933878	5956023	5915658	0.88	cps
Scandium	45-1	7943032	8037140	8005705	7995292	0.60	cps
Scandium	45-2	350400	353664	357468	353844	1.00	cps
Selenium	77-2	2970	2880	2927	2926	1.54	cps
Selenium	78-2	10209	9928	10078	10071	1.40	cps
Selenium	82-1	65285	65544	65571	65467	0.24	cps
Silicon	28-1	2842703	2911550	2955912	2903388	1.96	cps
Silver	109-1	5252332	5266475	5267799	5262202	0.16	cps
Silver	107-1	5419977	5417293	5456374	5431215	0.40	cps
Sodium	23-2	85053585	84775944	85485625	85105051	0.42	cps
Strontium	86-1	1535931	1555476	1540330	1543913	0.66	cps
Strontium	88-1	13632719	13766484	13679815	13693006	0.50	cps
Sulfur	34-1	563712	570520	571718	568650	0.76	cps
Terbium	159-1	18080795	18089187	18163564	18111182	0.25	cps
Terbium	159-2	9613891	9673330	9686720	9657980	0.40	cps
Thallium	203-1	4458904	4459357	4428970	4449077	0.39	cps
Thallium	205-1	10801965	10890359	10803458	10831927	0.47	cps
Tin	118-1	3801242	3872790	3864469	3846167	1.02	cps
Titanium	47-1	3027865	3073548	3056155	3052523	0.76	cps
Uranium	238-1	15601107	15774195	15849849	15741717	0.81	cps
Vanadium	51-2	1145270	1151990	1160088	1152449	0.64	cps
Yttrium	89-1	14185829	14363751	14291431	14280337	0.63	cps
Yttrium	89-2	2065086	2081975	2080666	2075909	0.45	cps
Zinc	66-2	426311	430555	435118	430662	1.02	cps
Zirconium	90-1	8430088	8498686	8454383	8461052	0.41	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:08:04	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1853208	1847633	1858896	1853246	0.30	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : CCB39 Instrumnet Name : P7
 Client Sample ID : CCB39 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 13:15:29 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	108	83	111	26.34	cps
Antimony	121-1	4267	4159	3951	4126	3.90	cps
Arsenic	75-2	15	22	17	18	21.54	cps
Barium	135-1	117	150	267	178	44.30	cps
Barium	137-1	242	225	158	208	21.17	cps
Beryllium	9-1	161	117	111	130	21.14	cps
Bismuth	209-1	11826703	11714729	11802811	11781414	0.50	cps
Bismuth	209-2	7487373	7465672	7472219	7475088	0.15	cps
Boron	10-1	833	800	717	783	7.67	cps
Boron	11-1	4301	3967	3967	4078	4.72	cps
Cadmium	111-1	2421	2490	2601	2504	3.63	cps
Cadmium	106-1	3417	3509	3651	3526	3.34	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	492	408	325	408	20.41	cps
Calcium	44-1	15801	15000	14833	15211	3.40	cps
Chromium	52-2	587	573	553	571	2.94	cps
Cobalt	59-2	187	140	153	160	15.02	cps
Copper	63-2	1910	1913	1880	1901	0.97	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	13	10	0	8	89.21	cps
Erbium	164-1	50	75	33	53	39.74	cps
Erbium	164-2	37	33	33	34	5.60	cps
Gadolinium	160-1	83	92	25	67	54.49	cps
Gadolinium	160-2	80	67	123	90	32.92	cps
Holmium	165-1	17929180	17908656	17854397	17897411	0.22	cps
Holmium	165-2	9819060	9796296	9774436	9796597	0.23	cps
Indium	115-1	14787098	14674383	14724480	14728654	0.38	cps
Indium	115-2	2849697	2828756	2866928	2848460	0.67	cps
Iron	56-2	9259	8803	8847	8970	2.80	cps
Iron	57-2	272	289	244	269	8.36	cps
Lead	206-1	2517	2250	2361	2376	5.64	cps
Lead	207-1	2339	2122	2017	2159	7.61	cps
Lead	208-1	10085	9368	9379	9611	4.27	cps
Lithium	6-1	2610500	2604299	2601964	2605588	0.17	cps
Magnesium	24-2	1283	1092	1192	1189	8.06	cps
Manganese	55-2	100	150	133	128	19.92	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:15:29	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1433	1283	1333	1350	5.66	cps
Molybdenum	95-1	1283	1283	1258	1275	1.13	cps
Molybdenum	96-1	1625	1717	1467	1603	7.89	cps
Molybdenum	97-1	917	867	700	828	13.71	cps
Molybdenum	98-1	2234	2100	2359	2231	5.79	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	263	250	293	269	8.25	cps
Phosphorus	31-2	92	67	42	67	37.50	cps
Potassium	39-2	19472	18612	18971	19018	2.27	cps
Rhodium	103-1	13419300	13442435	13393372	13418369	0.18	cps
Rhodium	103-2	6752236	6767732	6741526	6753831	0.20	cps
Scandium	45-1	8357358	8377780	8379263	8371467	0.15	cps
Scandium	45-2	358643	356207	358176	357675	0.36	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	52	54	57	54	5.21	cps
Selenium	82-1	-49	10	33	-2	-1914.42	cps
Silicon	28-1	164664	164520	164386	164523	0.08	cps
Silver	109-1	258	158	225	214	23.81	cps
Silver	107-1	292	267	367	308	16.88	cps
Sodium	23-2	17377	17728	17044	17383	1.97	cps
Strontium	86-1	792	800	758	783	2.81	cps
Strontium	88-1	442	592	742	592	25.35	cps
Sulfur	34-1	210838	208921	210354	210038	0.47	cps
Terbium	159-1	19004606	18878688	18766832	18883375	0.63	cps
Terbium	159-2	9954390	9910314	9935777	9933493	0.22	cps
Thallium	203-1	725	783	608	706	12.63	cps
Thallium	205-1	1892	1850	1817	1853	2.03	cps
Tin	118-1	4768	4659	4393	4607	4.19	cps
Titanium	47-1	183	183	242	203	16.61	cps
Uranium	238-1	300	333	242	292	15.91	cps
Vanadium	51-2	3	30	20	18	75.79	cps
Yttrium	89-1	15061587	15058041	15064434	15061354	0.02	cps
Yttrium	89-2	2124345	2110947	2125713	2120335	0.38	cps
Zinc	66-2	3550	3627	3674	3617	1.72	cps
Zirconium	90-1	1550	2084	1984	1872	15.14	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:15:29	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	550	425	461	16.79	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BL	Instrumnet Name :	P7
Client Sample ID :	PB104120BL	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:19:01	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	100	67	92	24.05	cps
Antimony	121-1	2067	2225	2267	2186	4.83	cps
Arsenic	75-2	13	11	20	15	33.08	cps
Barium	135-1	158	83	92	111	37.00	cps
Barium	137-1	267	258	167	231	24.07	cps
Beryllium	9-1	106	100	117	107	7.90	cps
Bismuth	209-1	11760804	11744104	11691399	11732102	0.31	cps
Bismuth	209-2	7460783	7441983	7455050	7452605	0.13	cps
Boron	10-1	692	658	683	678	2.56	cps
Boron	11-1	3025	3075	3292	3131	4.53	cps
Cadmium	111-1	2479	2497	2308	2428	4.29	cps
Cadmium	106-1	3476	3534	3251	3420	4.38	cps
Cadmium	108-1	0	8	13	7	91.66	cps
Calcium	43-1	358	358	433	383	11.30	cps
Calcium	44-1	14599	14691	15484	14925	3.26	cps
Chromium	52-2	517	487	580	528	9.03	cps
Cobalt	59-2	190	130	177	166	19.03	cps
Copper	63-2	1803	1723	1750	1759	2.32	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	0	20	7	9	114.55	cps
Erbium	164-1	50	67	42	53	24.12	cps
Erbium	164-2	33	20	33	29	26.64	cps
Gadolinium	160-1	75	75	75	75	0.00	cps
Gadolinium	160-2	77	80	60	72	14.84	cps
Holmium	165-1	17898489	17839867	17806545	17848300	0.26	cps
Holmium	165-2	9774050	9667963	9699663	9713892	0.56	cps
Indium	115-1	14650976	14656425	14636910	14648104	0.07	cps
Indium	115-2	2826929	2813580	2839325	2826611	0.46	cps
Iron	56-2	7102	7291	7547	7313	3.05	cps
Iron	57-2	194	217	239	217	10.26	cps
Lead	206-1	2206	1884	2450	2180	13.04	cps
Lead	207-1	2034	2028	2078	2047	1.34	cps
Lead	208-1	9257	8713	9463	9144	4.24	cps
Lithium	6-1	2593729	2587022	2573320	2584690	0.40	cps
Magnesium	24-2	1242	967	1283	1164	14.78	cps
Manganese	55-2	140	110	100	117	17.84	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BL	Instrumnet Name :	P7
Client Sample ID :	PB104120BL	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:19:01	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	958	942	1000	967	3.11	cps
Molybdenum	95-1	683	817	883	795	12.82	cps
Molybdenum	96-1	950	750	983	895	14.11	cps
Molybdenum	97-1	483	350	550	461	22.08	cps
Molybdenum	98-1	1133	1233	1067	1145	7.33	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	333	283	250	289	14.52	cps
Phosphorus	31-2	125	50	58	78	52.85	cps
Potassium	39-2	18379	17811	17544	17911	2.38	cps
Rhodium	103-1	13438411	13312528	13277782	13342907	0.63	cps
Rhodium	103-2	6721040	6676089	6699827	6698986	0.34	cps
Scandium	45-1	8308570	8340386	8310775	8319910	0.21	cps
Scandium	45-2	355947	354891	358472	356437	0.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	57	56	54	7.10	cps
Selenium	82-1	-81	-66	34	-38	-167.01	cps
Silicon	28-1	164133	162448	162659	163080	0.56	cps
Silver	109-1	183	158	150	164	10.58	cps
Silver	107-1	308	292	208	269	19.89	cps
Sodium	23-2	16376	16009	16167	16184	1.14	cps
Strontium	86-1	642	667	792	700	11.48	cps
Strontium	88-1	467	400	450	439	7.91	cps
Sulfur	34-1	212179	209425	215284	212296	1.38	cps
Terbium	159-1	18777301	18789321	18772530	18779718	0.05	cps
Terbium	159-2	9913912	9813878	9816246	9848012	0.58	cps
Thallium	203-1	483	433	500	472	7.35	cps
Thallium	205-1	1283	1067	1150	1167	9.37	cps
Tin	118-1	4234	4284	4484	4334	3.05	cps
Titanium	47-1	167	217	200	194	13.10	cps
Uranium	238-1	308	217	267	264	17.39	cps
Vanadium	51-2	13	0	23	12	95.78	cps
Yttrium	89-1	15025775	14978115	14888766	14964219	0.46	cps
Yttrium	89-2	2110133	2085848	2099575	2098519	0.58	cps
Zinc	66-2	3657	3697	3520	3625	2.56	cps
Zirconium	90-1	1725	1417	1542	1561	9.94	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BL	Instrumnet Name :	P7
Client Sample ID :	PB104120BL	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:19:01	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	333	217	275	21.21	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : PB104120BS Instrumnet Name : P7
 Client Sample ID : PB104120BS Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 13:22:33 DataFile Name : 039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	806976	800056	802645	803226	0.44	cps
Antimony	121-1	5060018	5054491	5063668	5059392	0.09	cps
Arsenic	75-2	163773	163333	162736	163281	0.32	cps
Barium	135-1	6092243	6156148	6133373	6127255	0.53	cps
Barium	137-1	10607474	10716006	10702067	10675182	0.55	cps
Beryllium	9-1	652189	650388	648048	650208	0.32	cps
Bismuth	209-1	11249169	11295179	11191112	11245153	0.46	cps
Bismuth	209-2	7169165	7158121	7163676	7163654	0.08	cps
Boron	10-1	75464	77691	79434	77530	2.57	cps
Boron	11-1	371050	379951	389541	380181	2.43	cps
Cadmium	111-1	1164915	1173723	1160859	1166499	0.56	cps
Cadmium	106-1	124030	126342	125274	125215	0.92	cps
Cadmium	108-1	84513	86474	85255	85414	1.16	cps
Calcium	43-1	1346379	1346355	1354691	1349142	0.36	cps
Calcium	44-1	22056444	21884211	22045191	21995282	0.44	cps
Chromium	52-2	1392950	1381740	1395033	1389908	0.51	cps
Cobalt	59-2	2331109	2344023	2364873	2346668	0.73	cps
Copper	63-2	3387877	3411112	3395350	3398113	0.35	cps
Dysprosium	156-1	83	42	83	69	34.64	cps
Dysprosium	156-2	40	33	60	44	31.23	cps
Erbium	164-1	92	67	67	75	19.24	cps
Erbium	164-2	30	33	40	34	14.78	cps
Gadolinium	160-1	92	83	133	103	26.06	cps
Gadolinium	160-2	87	103	103	98	9.84	cps
Holmium	165-1	17639174	17677533	17711847	17676184	0.21	cps
Holmium	165-2	9816101	9810377	9826622	9817700	0.08	cps
Indium	115-1	14217765	14358560	14233588	14269971	0.54	cps
Indium	115-2	2807640	2816863	2818955	2814486	0.21	cps
Iron	56-2	59157549	59115135	59309961	59194215	0.17	cps
Iron	57-2	1442628	1439371	1435457	1439152	0.25	cps
Lead	206-1	3723963	3741239	3699009	3721404	0.57	cps
Lead	207-1	3436524	3428979	3428610	3431371	0.13	cps
Lead	208-1	15564963	15591560	15542450	15566325	0.16	cps
Lithium	6-1	2541495	2541296	2541998	2541596	0.01	cps
Magnesium	24-2	9669731	9552313	9625195	9615746	0.62	cps
Manganese	55-2	1583092	1582274	1599386	1588251	0.61	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : PB104120BS Instrumnet Name : P7
 Client Sample ID : PB104120BS Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 13:22:33 DataFile Name : 039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10117592	10170289	10195661	10161181	0.39	cps
Molybdenum	95-1	12170802	12158672	12170100	12166524	0.06	cps
Molybdenum	96-1	13536260	13477231	13554355	13522615	0.30	cps
Molybdenum	97-1	7664338	7631070	7639929	7645112	0.23	cps
Molybdenum	98-1	19757806	19680965	19724157	19720976	0.20	cps
Neodymium	150-1	267	273	267	269	1.43	cps
Neodymium	150-2	23	23	30	26	15.07	cps
Nickel	60-2	608520	613290	610609	610806	0.39	cps
Phosphorus	31-2	39988	41033	40030	40350	1.47	cps
Potassium	39-2	4752424	4759504	4727824	4746584	0.35	cps
Rhodium	103-1	12794052	12805059	12845522	12814877	0.21	cps
Rhodium	103-2	6525201	6500282	6503523	6509669	0.21	cps
Scandium	45-1	8316157	8289572	8284976	8296902	0.20	cps
Scandium	45-2	362763	362068	362538	362457	0.10	cps
Selenium	77-2	3104	3200	3064	3123	2.25	cps
Selenium	78-2	10456	10717	10545	10572	1.26	cps
Selenium	82-1	70130	70400	70244	70258	0.19	cps
Silicon	28-1	3116547	3146763	3186870	3150060	1.12	cps
Silver	109-1	5678794	5696675	5671203	5682224	0.23	cps
Silver	107-1	5852891	5882647	5864023	5866521	0.26	cps
Sodium	23-2	17596381	17458873	17463531	17506262	0.45	cps
Strontium	86-1	1555215	1568394	1543605	1555738	0.80	cps
Strontium	88-1	13720124	13768881	13602659	13697221	0.62	cps
Sulfur	34-1	583708	582730	576293	580910	0.69	cps
Terbium	159-1	18598236	18720133	18643284	18653885	0.33	cps
Terbium	159-2	9930924	9908062	9908283	9915756	0.13	cps
Thallium	203-1	4622190	4634674	4576109	4610991	0.67	cps
Thallium	205-1	11274779	11299190	11189265	11254411	0.51	cps
Tin	118-1	4032165	4035396	4011292	4026285	0.32	cps
Titanium	47-1	3128452	3128966	3130801	3129406	0.04	cps
Uranium	238-1	15759219	15932787	15854889	15848965	0.55	cps
Vanadium	51-2	1165573	1160450	1168220	1164748	0.34	cps
Yttrium	89-1	14807889	14848989	14812577	14823151	0.15	cps
Yttrium	89-2	2131738	2130948	2132783	2131823	0.04	cps
Zinc	66-2	461977	465456	463874	463769	0.38	cps
Zirconium	90-1	8624745	8745358	8646914	8672339	0.74	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BS	Instrumnet Name :	P7
Client Sample ID :	PB104120BS	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:22:33	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1882885	1906350	1886904	1892046	0.66	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BSD	Instrumnet Name :	P7
Client Sample ID :	PB104120BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:26:06	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	800074	799375	804561	801337	0.35	cps
Antimony	121-1	5059604	5117061	5099203	5091956	0.58	cps
Arsenic	75-2	162258	163346	163230	162945	0.37	cps
Barium	135-1	6120623	6147626	6160191	6142814	0.33	cps
Barium	137-1	10723502	10739305	10679393	10714067	0.29	cps
Beryllium	9-1	648268	647424	647687	647793	0.07	cps
Bismuth	209-1	11180715	11282681	11258081	11240492	0.47	cps
Bismuth	209-2	7226157	7191764	7158018	7191980	0.47	cps
Boron	10-1	77599	80891	80514	79668	2.26	cps
Boron	11-1	385238	393030	396389	391552	1.46	cps
Cadmium	111-1	1175799	1166312	1176534	1172882	0.49	cps
Cadmium	106-1	126066	126939	127334	126780	0.51	cps
Cadmium	108-1	85749	85036	86160	85649	0.66	cps
Calcium	43-1	1349603	1353218	1362497	1355106	0.49	cps
Calcium	44-1	22104254	22017417	22126715	22082795	0.26	cps
Chromium	52-2	1395557	1393666	1389654	1392959	0.22	cps
Cobalt	59-2	2343092	2357449	2351186	2350576	0.31	cps
Copper	63-2	3381465	3390171	3392134	3387923	0.17	cps
Dysprosium	156-1	92	117	75	94	22.21	cps
Dysprosium	156-2	57	33	60	50	29.06	cps
Erbium	164-1	33	67	67	56	34.65	cps
Erbium	164-2	30	40	23	31	26.97	cps
Gadolinium	160-1	108	150	117	125	17.64	cps
Gadolinium	160-2	113	173	87	124	35.67	cps
Holmium	165-1	17739196	17734900	17851388	17775161	0.37	cps
Holmium	165-2	9845284	9794959	9804019	9814754	0.27	cps
Indium	115-1	14332022	14342907	14339873	14338267	0.04	cps
Indium	115-2	2813825	2802294	2815033	2810384	0.25	cps
Iron	56-2	59439051	59165182	58946942	59183725	0.42	cps
Iron	57-2	1446943	1435881	1430710	1437845	0.58	cps
Lead	206-1	3708502	3746787	3756004	3737098	0.67	cps
Lead	207-1	3424409	3448678	3455939	3443009	0.48	cps
Lead	208-1	15488178	15638461	15648836	15591825	0.58	cps
Lithium	6-1	2550526	2533072	2549056	2544218	0.38	cps
Magnesium	24-2	9662935	9607042	9628152	9632710	0.29	cps
Manganese	55-2	1592481	1582323	1585736	1586847	0.33	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BSD	Instrumnet Name :	P7
Client Sample ID :	PB104120BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:26:06	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10243368	10127717	10237817	10202967	0.64	cps
Molybdenum	95-1	12230282	12194891	12229302	12218158	0.16	cps
Molybdenum	96-1	13583515	13606141	13538540	13576066	0.25	cps
Molybdenum	97-1	7671595	7731484	7686470	7696516	0.41	cps
Molybdenum	98-1	19738810	19878212	19851774	19822932	0.37	cps
Neodymium	150-1	280	227	267	258	10.77	cps
Neodymium	150-2	30	47	17	31	48.31	cps
Nickel	60-2	612502	609982	613025	611836	0.27	cps
Phosphorus	31-2	39345	40038	40798	40060	1.81	cps
Potassium	39-2	4717865	4726277	4760983	4735042	0.48	cps
Rhodium	103-1	12881240	12938617	12900873	12906910	0.23	cps
Rhodium	103-2	6526662	6494460	6508854	6509992	0.25	cps
Scandium	45-1	8339679	8352695	8351991	8348121	0.09	cps
Scandium	45-2	362854	361811	363778	362814	0.27	cps
Selenium	77-2	3124	3084	3150	3119	1.08	cps
Selenium	78-2	10611	10791	10593	10665	1.03	cps
Selenium	82-1	70695	71173	70693	70854	0.39	cps
Silicon	28-1	3132213	3174308	3183771	3163431	0.87	cps
Silver	109-1	5705236	5670685	5686244	5687388	0.30	cps
Silver	107-1	5921883	5912464	5937244	5923864	0.21	cps
Sodium	23-2	17513456	17441855	17437456	17464255	0.24	cps
Strontium	86-1	1552165	1561658	1557509	1557110	0.31	cps
Strontium	88-1	13720128	13788786	13716915	13741943	0.30	cps
Sulfur	34-1	576977	578589	578124	577897	0.14	cps
Terbium	159-1	18706047	18799297	18868525	18791290	0.43	cps
Terbium	159-2	9972182	9893278	9921330	9928930	0.40	cps
Thallium	203-1	4610839	4647335	4662366	4640180	0.57	cps
Thallium	205-1	11248084	11358882	11381100	11329355	0.63	cps
Tin	118-1	4020877	4068660	4054979	4048172	0.61	cps
Titanium	47-1	3141219	3160861	3141529	3147870	0.36	cps
Uranium	238-1	15772431	15909222	15931164	15870939	0.54	cps
Vanadium	51-2	1159191	1166766	1164356	1163438	0.33	cps
Yttrium	89-1	14897861	14890419	14915689	14901323	0.09	cps
Yttrium	89-2	2141500	2125920	2130771	2132730	0.37	cps
Zinc	66-2	462044	462894	457720	460886	0.60	cps
Zirconium	90-1	8726805	8670796	8708037	8701880	0.33	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BSD	Instrumnet Name :	P7
Client Sample ID :	PB104120BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:26:06	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1882062	1889225	1892204	1887830	0.28	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:29:39	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6898905	6868996	6837673	6868525	0.45	cps
Antimony	121-1	5554960	5629699	5605063	5596574	0.68	cps
Arsenic	75-2	967412	965977	961451	964947	0.32	cps
Barium	135-1	3331350	3398004	3382881	3370745	1.04	cps
Barium	137-1	6020649	6130017	5977532	6042733	1.30	cps
Beryllium	9-1	1501246	1484045	1464235	1483176	1.25	cps
Bismuth	209-1	11398076	11524697	11461082	11461285	0.55	cps
Bismuth	209-2	6980763	6999765	6993245	6991258	0.14	cps
Boron	10-1	728062	736242	737681	733995	0.71	cps
Boron	11-1	3658712	3771956	3722456	3717708	1.53	cps
Cadmium	111-1	7548845	7642806	7670090	7620580	0.83	cps
Cadmium	106-1	649632	657486	658720	655279	0.75	cps
Cadmium	108-1	484775	483129	484239	484048	0.17	cps
Calcium	43-1	4323824	4324140	4320895	4322953	0.04	cps
Calcium	44-1	70116941	70222579	70207079	70182199	0.08	cps
Chromium	52-2	8979783	8959989	8931333	8957035	0.27	cps
Cobalt	59-2	2619819	2630222	2633727	2627923	0.28	cps
Copper	63-2	4178480	4184990	4195425	4186298	0.20	cps
Dysprosium	156-1	402021	408406	412705	407711	1.32	cps
Dysprosium	156-2	194264	195014	194721	194666	0.19	cps
Erbium	164-1	311195	321356	319809	317453	1.72	cps
Erbium	164-2	163827	163147	164237	163737	0.34	cps
Gadolinium	160-1	352284	364191	362079	359518	1.77	cps
Gadolinium	160-2	207848	210414	210339	209533	0.70	cps
Holmium	165-1	17694411	17856889	17934266	17828522	0.69	cps
Holmium	165-2	9473158	9547190	9475720	9498689	0.44	cps
Indium	115-1	13862408	13987277	14109342	13986342	0.88	cps
Indium	115-2	2581393	2599059	2616083	2598845	0.67	cps
Iron	56-2	305411962	303717062	303770962	304299996	0.32	cps
Iron	57-2	7574515	7529026	7563138	7555559	0.31	cps
Lead	206-1	12014914	12322234	12354496	12230548	1.53	cps
Lead	207-1	10723585	10887099	10995321	10868669	1.26	cps
Lead	208-1	48826038	49515672	49829191	49390300	1.04	cps
Lithium	6-1	4614718	4626347	4626685	4622583	0.15	cps
Magnesium	24-2	12650666	12601947	12453115	12568576	0.82	cps
Manganese	55-2	15746294	15688052	15707273	15713873	0.19	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:29:39	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2987646	3017249	3014604	3006499	0.54	cps
Molybdenum	95-1	4208065	4290576	4260895	4253179	0.98	cps
Molybdenum	96-1	4609709	4676658	4651475	4645947	0.73	cps
Molybdenum	97-1	2595332	2642608	2641619	2626519	1.03	cps
Molybdenum	98-1	7031094	7014781	7044482	7030119	0.21	cps
Neodymium	150-1	757187	770308	765181	764225	0.87	cps
Neodymium	150-2	308899	310677	312813	310796	0.63	cps
Nickel	60-2	2710700	2703891	2705527	2706706	0.13	cps
Phosphorus	31-2	13924	13507	14875	14102	4.97	cps
Potassium	39-2	7843683	7862989	7812757	7839810	0.32	cps
Rhodium	103-1	12205966	12289923	12251955	12249281	0.34	cps
Rhodium	103-2	5990074	6027482	6009083	6008879	0.31	cps
Scandium	45-1	8550373	8481100	8462042	8497838	0.55	cps
Scandium	45-2	348712	349175	346114	348000	0.47	cps
Selenium	77-2	15278	14875	15432	15195	1.89	cps
Selenium	78-2	48573	48765	49259	48866	0.72	cps
Selenium	82-1	351475	352939	355736	353383	0.61	cps
Silicon	28-1	46778028	46614426	45776727	46389727	1.16	cps
Silver	109-1	8740583	8737500	8817319	8765134	0.52	cps
Silver	107-1	9169091	9113714	9110397	9131067	0.36	cps
Sodium	23-2	22606447	22415109	22196358	22405972	0.92	cps
Strontium	86-1	2819960	2838810	2860081	2839617	0.71	cps
Strontium	88-1	25115165	25260433	25350560	25242053	0.47	cps
Sulfur	34-1	337369	332178	328073	332540	1.40	cps
Terbium	159-1	18531493	18945316	18904775	18793861	1.21	cps
Terbium	159-2	9566295	9577362	9564473	9569377	0.07	cps
Thallium	203-1	26721878	27134657	27208797	27021778	0.97	cps
Thallium	205-1	62920239	64403126	64120714	63814693	1.23	cps
Tin	118-1	9053625	9115546	9072332	9080501	0.35	cps
Titanium	47-1	4079238	4046041	4048782	4058021	0.45	cps
Uranium	238-1	16300207	16647552	16769870	16572543	1.47	cps
Vanadium	51-2	4973071	4950056	4945427	4956185	0.30	cps
Yttrium	89-1	18816886	18892243	18862316	18857149	0.20	cps
Yttrium	89-2	2535299	2542013	2542706	2540006	0.16	cps
Zinc	66-2	2048595	2055780	2057254	2053876	0.23	cps
Zirconium	90-1	1577612	1601024	1584295	1587643	0.76	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:29:39	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	357877	359174	359540	358864	0.24	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : I6298-14DLX2 Instrumnet Name : P7
 Client Sample ID : PT-MET-SOILDL Dilution Factor : 2
 Date & Time Acquired :: 2017-11-14 13:33:12 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3353907	3336070	3327897	3339291	0.40	cps
Antimony	121-1	2877339	2877659	2870256	2875085	0.15	cps
Arsenic	75-2	487070	487014	487366	487150	0.04	cps
Barium	135-1	1731572	1727448	1724385	1727802	0.21	cps
Barium	137-1	3052564	3066660	3063694	3060973	0.24	cps
Beryllium	9-1	716148	715035	708211	713131	0.60	cps
Bismuth	209-1	11590785	11531551	11577049	11566462	0.27	cps
Bismuth	209-2	6980365	6976072	6856094	6937510	1.02	cps
Boron	10-1	350747	354398	359098	354748	1.18	cps
Boron	11-1	1759614	1779389	1792231	1777078	0.92	cps
Cadmium	111-1	3860163	3870451	3865514	3865376	0.13	cps
Cadmium	106-1	346452	342517	343036	344002	0.62	cps
Cadmium	108-1	254036	252270	252517	252941	0.38	cps
Calcium	43-1	2108619	2114274	2112715	2111870	0.14	cps
Calcium	44-1	34432943	34253384	34414255	34366861	0.29	cps
Chromium	52-2	4411998	4412942	4402938	4409293	0.13	cps
Cobalt	59-2	1323011	1323168	1320315	1322165	0.12	cps
Copper	63-2	2123057	2121089	2131010	2125052	0.25	cps
Dysprosium	156-1	207035	213863	207837	209579	1.78	cps
Dysprosium	156-2	99366	98896	99115	99126	0.24	cps
Erbium	164-1	161934	163990	164625	163517	0.86	cps
Erbium	164-2	83171	83198	83835	83401	0.45	cps
Gadolinium	160-1	184444	186928	185991	185788	0.68	cps
Gadolinium	160-2	105925	105798	107245	106323	0.75	cps
Holmium	165-1	18339956	18396541	18356701	18364399	0.16	cps
Holmium	165-2	9615007	9624545	9573155	9604236	0.28	cps
Indium	115-1	14350479	14466240	14326818	14381179	0.52	cps
Indium	115-2	2621096	2629219	2646580	2632298	0.49	cps
Iron	56-2	153150698	151911981	151808492	152290390	0.49	cps
Iron	57-2	3717057	3741719	3732078	3730285	0.33	cps
Lead	206-1	6318367	6333740	6336249	6329452	0.15	cps
Lead	207-1	5521301	5546927	5533819	5534016	0.23	cps
Lead	208-1	25442116	25520166	25653631	25538638	0.42	cps
Lithium	6-1	3397470	3389563	3396443	3394492	0.13	cps
Magnesium	24-2	6254256	6151859	6195269	6200461	0.83	cps
Manganese	55-2	7838872	7764093	7812236	7805067	0.49	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2017-11-14 13:33:12	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1514345	1520324	1521285	1518651	0.25	cps
Molybdenum	95-1	2141833	2156512	2152275	2150207	0.35	cps
Molybdenum	96-1	2359201	2340833	2351755	2350597	0.39	cps
Molybdenum	97-1	1338317	1338627	1340764	1339236	0.10	cps
Molybdenum	98-1	3512643	3490168	3466152	3489654	0.67	cps
Neodymium	150-1	393997	394952	391803	393584	0.41	cps
Neodymium	150-2	156877	158698	158560	158045	0.64	cps
Nickel	60-2	1378234	1374185	1370074	1374164	0.30	cps
Phosphorus	31-2	7377	6427	7452	7085	8.07	cps
Potassium	39-2	3864036	3864201	3845604	3857947	0.28	cps
Rhodium	103-1	12780956	12695260	12642036	12706084	0.55	cps
Rhodium	103-2	6167485	6146228	6142432	6152049	0.22	cps
Scandium	45-1	8105853	8125326	8098998	8110059	0.17	cps
Scandium	45-2	335148	332692	334779	334206	0.40	cps
Selenium	77-2	7806	8009	7716	7843	1.92	cps
Selenium	78-2	25727	25298	25459	25495	0.85	cps
Selenium	82-1	184389	184303	183732	184141	0.19	cps
Silicon	28-1	22344458	22247253	22087249	22226320	0.58	cps
Silver	109-1	4423865	4423862	4420246	4422657	0.05	cps
Silver	107-1	4556033	4554697	4541268	4550666	0.18	cps
Sodium	23-2	11050508	10950956	10910428	10970631	0.66	cps
Strontium	86-1	1446244	1449396	1446093	1447244	0.13	cps
Strontium	88-1	12833609	12826965	12808345	12822973	0.10	cps
Sulfur	34-1	243101	243907	239468	242159	0.98	cps
Terbium	159-1	19256991	19316435	19290477	19287968	0.15	cps
Terbium	159-2	9714758	9691309	9622028	9676032	0.50	cps
Thallium	203-1	14154606	14302563	14191117	14216095	0.54	cps
Thallium	205-1	33536293	33617539	33612737	33588857	0.14	cps
Tin	118-1	4529064	4566851	4539175	4545030	0.43	cps
Titanium	47-1	1992888	1986032	1984521	1987814	0.22	cps
Uranium	238-1	8499587	8493881	8542445	8511971	0.31	cps
Vanadium	51-2	2448328	2431400	2426319	2435349	0.47	cps
Yttrium	89-1	16899661	16959991	16936721	16932124	0.18	cps
Yttrium	89-2	2262723	2260408	2246438	2256523	0.39	cps
Zinc	66-2	1061442	1060196	1063098	1061579	0.14	cps
Zirconium	90-1	799270	805590	811604	805488	0.77	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2017-11-14 13:33:12	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	180422	181665	181806	181298	0.42	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 13:36:45	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1336435	1346300	1352087	1344941	0.59	cps
Antimony	121-1	1161291	1159832	1158003	1159709	0.14	cps
Arsenic	75-2	196330	196954	197168	196817	0.22	cps
Barium	135-1	694431	699678	690575	694895	0.66	cps
Barium	137-1	1219756	1224676	1221651	1222028	0.20	cps
Beryllium	9-1	288391	285169	285620	286393	0.61	cps
Bismuth	209-1	11711153	11674275	11674252	11686560	0.18	cps
Bismuth	209-2	7082406	7103666	7101699	7095924	0.17	cps
Boron	10-1	145089	147125	146694	146303	0.73	cps
Boron	11-1	721278	724855	728853	724995	0.52	cps
Cadmium	111-1	1582244	1563598	1557470	1567771	0.82	cps
Cadmium	106-1	144109	146963	140895	143989	2.11	cps
Cadmium	108-1	103391	102991	102395	102926	0.49	cps
Calcium	43-1	838292	837278	836306	837292	0.12	cps
Calcium	44-1	13770057	13745347	13772685	13762696	0.11	cps
Chromium	52-2	1751872	1743870	1752473	1749405	0.27	cps
Cobalt	59-2	533351	529575	531879	531601	0.36	cps
Copper	63-2	857890	858071	866543	860834	0.57	cps
Dysprosium	156-1	85104	84652	84887	84881	0.27	cps
Dysprosium	156-2	39620	39243	40262	39709	1.30	cps
Erbium	164-1	65810	65382	65641	65611	0.33	cps
Erbium	164-2	33124	33197	33210	33177	0.14	cps
Gadolinium	160-1	75709	74805	73640	74718	1.39	cps
Gadolinium	160-2	42750	42131	42994	42625	1.04	cps
Holmium	165-1	18356356	18298507	18247100	18300654	0.30	cps
Holmium	165-2	9619752	9586312	9598804	9601622	0.18	cps
Indium	115-1	14429782	14432497	14405457	14422579	0.10	cps
Indium	115-2	2647963	2646550	2662124	2652212	0.32	cps
Iron	56-2	61325139	61389849	61102612	61272533	0.25	cps
Iron	57-2	1494488	1489318	1485575	1489794	0.30	cps
Lead	206-1	2550817	2546306	2520983	2539369	0.63	cps
Lead	207-1	2233056	2233128	2213645	2226610	0.50	cps
Lead	208-1	10242839	10234379	10184603	10220607	0.31	cps
Lithium	6-1	2694118	2676806	2688517	2686480	0.33	cps
Magnesium	24-2	2453833	2454341	2449327	2452500	0.11	cps
Manganese	55-2	3096456	3111631	3100067	3102718	0.26	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 13:36:45	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	606768	604770	606918	606152	0.20	cps
Molybdenum	95-1	861386	857982	855632	858333	0.34	cps
Molybdenum	96-1	943156	939129	927009	936432	0.90	cps
Molybdenum	97-1	530849	529293	528006	529383	0.27	cps
Molybdenum	98-1	1392256	1383851	1384915	1387007	0.33	cps
Neodymium	150-1	158353	158813	158327	158498	0.17	cps
Neodymium	150-2	63807	63894	63579	63760	0.25	cps
Nickel	60-2	556670	556205	557134	556670	0.08	cps
Phosphorus	31-2	2967	3075	3042	3028	1.83	cps
Potassium	39-2	1530206	1543925	1543050	1539061	0.50	cps
Rhodium	103-1	12886022	12925056	12802975	12871351	0.48	cps
Rhodium	103-2	6255759	6255455	6251369	6254194	0.04	cps
Scandium	45-1	7885041	7871640	7845676	7867452	0.25	cps
Scandium	45-2	326156	325605	325333	325698	0.13	cps
Selenium	77-2	3107	3287	3214	3203	2.83	cps
Selenium	78-2	10367	10163	10534	10354	1.79	cps
Selenium	82-1	75216	75165	75191	75190	0.03	cps
Silicon	28-1	8928210	8896415	8880298	8901641	0.27	cps
Silver	109-1	1796384	1787603	1764713	1782900	0.92	cps
Silver	107-1	1849483	1837064	1818704	1835084	0.84	cps
Sodium	23-2	4407575	4440883	4412620	4420359	0.41	cps
Strontium	86-1	584373	570916	576053	577114	1.18	cps
Strontium	88-1	5108733	5084173	5053782	5082229	0.54	cps
Sulfur	34-1	196521	193002	192631	194051	1.11	cps
Terbium	159-1	19384362	19230414	19257633	19290803	0.43	cps
Terbium	159-2	9664182	9670172	9726866	9687073	0.36	cps
Thallium	203-1	5603612	5572506	5561361	5579160	0.39	cps
Thallium	205-1	13642590	13558526	13549191	13583436	0.38	cps
Tin	118-1	1839143	1838366	1815715	1831075	0.73	cps
Titanium	47-1	796996	778091	786450	787179	1.20	cps
Uranium	238-1	3347671	3334529	3285794	3322665	0.98	cps
Vanadium	51-2	965201	964888	968833	966307	0.23	cps
Yttrium	89-1	15487696	15497084	15493568	15492782	0.03	cps
Yttrium	89-2	2070008	2083259	2074608	2075959	0.32	cps
Zinc	66-2	434731	438663	437592	436995	0.47	cps
Zirconium	90-1	323158	323651	320785	322532	0.48	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 13:36:45	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	73003	73104	72409	72838	0.52	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2017-11-14 13:40:17	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	671290	675018	676035	674114	0.37	cps
Antimony	121-1	570113	571158	571656	570976	0.14	cps
Arsenic	75-2	97735	97600	97468	97601	0.14	cps
Barium	135-1	337918	342042	340967	340309	0.63	cps
Barium	137-1	601428	600588	597702	599906	0.33	cps
Beryllium	9-1	141699	143476	144822	143332	1.09	cps
Bismuth	209-1	11599969	11574962	11575394	11583442	0.12	cps
Bismuth	209-2	7137809	7053385	7043113	7078103	0.73	cps
Boron	10-1	73939	74274	76150	74788	1.59	cps
Boron	11-1	363846	368672	370188	367569	0.90	cps
Cadmium	111-1	776835	772752	772723	774103	0.31	cps
Cadmium	106-1	70434	69906	73056	71132	2.37	cps
Cadmium	108-1	50649	50874	51251	50925	0.60	cps
Calcium	43-1	414812	411137	414023	413324	0.47	cps
Calcium	44-1	6793635	6774113	6811156	6792968	0.27	cps
Chromium	52-2	867418	868077	869201	868232	0.10	cps
Cobalt	59-2	264494	265234	264942	264890	0.14	cps
Copper	63-2	427445	431240	429167	429284	0.44	cps
Dysprosium	156-1	41615	41012	41689	41439	0.90	cps
Dysprosium	156-2	19447	19427	19611	19495	0.52	cps
Erbium	164-1	33434	31479	31997	32303	3.13	cps
Erbium	164-2	16707	16640	16437	16595	0.85	cps
Gadolinium	160-1	38355	37218	36726	37433	2.23	cps
Gadolinium	160-2	21220	20706	20599	20842	1.59	cps
Holmium	165-1	17794056	17861370	17856245	17837223	0.21	cps
Holmium	165-2	9461383	9427431	9445634	9444816	0.18	cps
Indium	115-1	14233563	14103826	14161278	14166223	0.46	cps
Indium	115-2	2641535	2636894	2628405	2635611	0.25	cps
Iron	56-2	30653538	30630449	30764211	30682733	0.23	cps
Iron	57-2	740523	741741	735475	739247	0.45	cps
Lead	206-1	1256182	1250014	1253916	1253371	0.25	cps
Lead	207-1	1097660	1099553	1097667	1098293	0.10	cps
Lead	208-1	5037188	5024531	5040514	5034078	0.17	cps
Lithium	6-1	2408818	2400494	2402632	2403981	0.18	cps
Magnesium	24-2	1217188	1221328	1216633	1218383	0.21	cps
Manganese	55-2	1542206	1541995	1536307	1540169	0.22	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2017-11-14 13:40:17	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300567	294630	295565	296921	1.08	cps
Molybdenum	95-1	417548	419460	419460	418823	0.26	cps
Molybdenum	96-1	459398	456874	456698	457657	0.33	cps
Molybdenum	97-1	263765	255261	259104	259377	1.64	cps
Molybdenum	98-1	683264	676949	675982	678732	0.58	cps
Neodymium	150-1	79462	77967	77638	78356	1.24	cps
Neodymium	150-2	30868	31556	31456	31293	1.19	cps
Nickel	60-2	277774	277505	278333	277870	0.15	cps
Phosphorus	31-2	1517	1475	1367	1453	5.33	cps
Potassium	39-2	776086	772483	769896	772821	0.40	cps
Rhodium	103-1	12757240	12769184	12691921	12739448	0.33	cps
Rhodium	103-2	6256439	6235990	6241167	6244532	0.17	cps
Scandium	45-1	7697312	7698269	7700120	7698567	0.02	cps
Scandium	45-2	320931	321444	316989	319788	0.76	cps
Selenium	77-2	1587	1733	1483	1601	7.85	cps
Selenium	78-2	5275	5438	5232	5315	2.04	cps
Selenium	82-1	37094	37603	37267	37321	0.69	cps
Silicon	28-1	4489366	4481277	4475104	4481915	0.16	cps
Silver	109-1	879207	884696	882891	882264	0.32	cps
Silver	107-1	911989	907693	904037	907907	0.44	cps
Sodium	23-2	2196799	2189890	2180916	2189202	0.36	cps
Strontium	86-1	286800	283023	286547	285457	0.74	cps
Strontium	88-1	2495751	2489150	2473392	2486098	0.46	cps
Sulfur	34-1	179350	177520	180043	178971	0.73	cps
Terbium	159-1	18861869	18751132	18855758	18822920	0.33	cps
Terbium	159-2	9564640	9515531	9528925	9536365	0.27	cps
Thallium	203-1	2706631	2707793	2700820	2705081	0.14	cps
Thallium	205-1	6609721	6566916	6580096	6585578	0.33	cps
Tin	118-1	901023	902809	900420	901417	0.14	cps
Titanium	47-1	390389	389841	389796	390009	0.08	cps
Uranium	238-1	1627005	1624038	1611319	1620787	0.51	cps
Vanadium	51-2	481503	478865	478408	479592	0.35	cps
Yttrium	89-1	14910577	14785821	14829641	14842013	0.43	cps
Yttrium	89-2	2000421	1989702	1987500	1992541	0.35	cps
Zinc	66-2	221164	220098	221516	220926	0.33	cps
Zirconium	90-1	157171	155806	158072	157016	0.73	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2017-11-14 13:40:17	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	34651	36255	35837	35581	2.34	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:52:18	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3587899	3592745	3646469	3609038	0.90	cps
Antimony	121-1	4530175	4569797	4570008	4556660	0.50	cps
Arsenic	75-2	144565	144088	145844	144833	0.63	cps
Barium	135-1	5560637	5552727	5551116	5554827	0.09	cps
Barium	137-1	9907386	9935791	9947781	9930319	0.21	cps
Beryllium	9-1	544259	550553	554647	549820	0.95	cps
Bismuth	209-1	10186139	10112132	10213314	10170529	0.51	cps
Bismuth	209-2	6153521	6218234	6225705	6199153	0.64	cps
Boron	10-1	66690	71043	70146	69293	3.32	cps
Boron	11-1	332946	346324	346439	341903	2.27	cps
Cadmium	111-1	1018775	1016274	1016266	1017105	0.14	cps
Cadmium	106-1	111990	110000	108933	110307	1.41	cps
Cadmium	108-1	74901	75345	75516	75254	0.42	cps
Calcium	43-1	6090905	6115044	6165386	6123778	0.62	cps
Calcium	44-1	97498702	98002171	98844433	98115102	0.69	cps
Chromium	52-2	1255439	1252897	1266991	1258442	0.60	cps
Cobalt	59-2	2042586	2052744	2076499	2057276	0.85	cps
Copper	63-2	2907871	2916057	2948610	2924180	0.74	cps
Dysprosium	156-1	183	150	142	158	13.92	cps
Dysprosium	156-2	37	53	100	63	51.83	cps
Erbium	164-1	67	83	58	69	18.33	cps
Erbium	164-2	30	17	33	27	33.06	cps
Gadolinium	160-1	150	100	75	108	35.25	cps
Gadolinium	160-2	120	117	117	118	1.63	cps
Holmium	165-1	16580050	16590591	16534532	16568391	0.18	cps
Holmium	165-2	9058482	9065481	9128982	9084315	0.43	cps
Indium	115-1	12681135	12678523	12685400	12681686	0.03	cps
Indium	115-2	2482665	2490635	2510682	2494661	0.58	cps
Iron	56-2	253794072	255577845	257766828	255712915	0.78	cps
Iron	57-2	6361130	6377195	6417276	6385200	0.45	cps
Lead	206-1	3462879	3428855	3483639	3458458	0.80	cps
Lead	207-1	3192793	3175321	3185459	3184524	0.28	cps
Lead	208-1	14506718	14430997	14522618	14486778	0.34	cps
Lithium	6-1	2080672	2093597	2110592	2094954	0.72	cps
Magnesium	24-2	41805917	41640028	42268424	41904789	0.78	cps
Manganese	55-2	1406327	1413255	1424062	1414548	0.63	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:52:18	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9338949	9340367	9363557	9347624	0.15	cps
Molybdenum	95-1	11168029	11234124	11180197	11194117	0.31	cps
Molybdenum	96-1	12455538	12483900	12461550	12466996	0.12	cps
Molybdenum	97-1	7082743	7060452	7082957	7075384	0.18	cps
Molybdenum	98-1	18149571	18143483	18247941	18180331	0.32	cps
Neodymium	150-1	253	300	400	318	23.58	cps
Neodymium	150-2	47	50	67	54	19.68	cps
Nickel	60-2	534338	532464	538112	534971	0.54	cps
Phosphorus	31-2	35351	35635	36245	35744	1.28	cps
Potassium	39-2	20879770	20805556	21095016	20926780	0.72	cps
Rhodium	103-1	11180142	11115114	11220932	11172063	0.48	cps
Rhodium	103-2	5493942	5522548	5545479	5520656	0.47	cps
Scandium	45-1	7270342	7303322	7333158	7302274	0.43	cps
Scandium	45-2	319443	317443	323075	319987	0.89	cps
Selenium	77-2	2887	2640	2717	2748	4.59	cps
Selenium	78-2	9464	9125	9538	9376	2.35	cps
Selenium	82-1	60931	61698	61252	61294	0.63	cps
Silicon	28-1	2509417	2547896	2590871	2549395	1.60	cps
Silver	109-1	4915746	4946405	4967426	4943193	0.53	cps
Silver	107-1	5096645	5106654	5117395	5106898	0.20	cps
Sodium	23-2	76029895	75996085	76609025	76211668	0.45	cps
Strontium	86-1	1456618	1446060	1446848	1449842	0.41	cps
Strontium	88-1	12899789	12906708	12896854	12901117	0.04	cps
Sulfur	34-1	492248	495942	497580	495257	0.55	cps
Terbium	159-1	17463562	17414637	17532641	17470280	0.34	cps
Terbium	159-2	9121469	9145249	9191759	9152826	0.39	cps
Thallium	203-1	4305362	4289950	4295698	4297003	0.18	cps
Thallium	205-1	10592759	10583437	10608801	10594999	0.12	cps
Tin	118-1	3649920	3628313	3645863	3641365	0.32	cps
Titanium	47-1	2776816	2782754	2785352	2781641	0.16	cps
Uranium	238-1	15352921	15228076	15276896	15285964	0.41	cps
Vanadium	51-2	1039950	1053727	1061096	1051591	1.02	cps
Yttrium	89-1	13462589	13467226	13491295	13473703	0.11	cps
Yttrium	89-2	1894388	1906631	1911154	1904058	0.46	cps
Zinc	66-2	396644	396696	398222	397188	0.23	cps
Zirconium	90-1	8000518	8002160	8025008	8009229	0.17	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 13:52:18	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1722453	1723203	1739798	1728485	0.57	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 14:06:36	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1450	1417	1492	1453	2.59	cps
Antimony	121-1	19406	18805	19431	19214	1.84	cps
Arsenic	75-2	267	300	289	285	5.95	cps
Barium	135-1	20791	19815	20908	20505	2.93	cps
Barium	137-1	37101	36649	36942	36897	0.62	cps
Beryllium	9-1	1256	1339	1300	1298	3.21	cps
Bismuth	209-1	11152813	10872332	11292079	11105742	1.93	cps
Bismuth	209-2	7059726	7086163	7056115	7067334	0.23	cps
Boron	10-1	4543	4401	4768	4570	4.05	cps
Boron	11-1	22084	22542	22367	22331	1.04	cps
Cadmium	111-1	3778	4115	4117	4003	4.87	cps
Cadmium	106-1	2859	3025	2884	2923	3.08	cps
Cadmium	108-1	158	171	188	172	8.50	cps
Calcium	43-1	11238	11613	11271	11374	1.83	cps
Calcium	44-1	190114	193147	191804	191688	0.79	cps
Chromium	52-2	5428	5344	5638	5470	2.76	cps
Cobalt	59-2	4454	4011	4184	4216	5.30	cps
Copper	63-2	7539	7642	7842	7674	2.01	cps
Dysprosium	156-1	50	42	50	47	10.18	cps
Dysprosium	156-2	17	10	7	11	45.82	cps
Erbium	164-1	92	100	42	78	40.56	cps
Erbium	164-2	57	53	47	52	9.75	cps
Gadolinium	160-1	17	50	75	47	61.97	cps
Gadolinium	160-2	57	63	113	78	39.82	cps
Holmium	165-1	16689736	16313080	16888222	16630346	1.76	cps
Holmium	165-2	9237484	9163552	9145888	9182308	0.53	cps
Indium	115-1	13423633	13146090	13609397	13393040	1.74	cps
Indium	115-2	2599744	2587567	2585694	2591002	0.29	cps
Iron	56-2	104832	103216	105527	104525	1.13	cps
Iron	57-2	2589	2600	2523	2571	1.64	cps
Lead	206-1	9331	9342	9092	9255	1.53	cps
Lead	207-1	8575	8420	8481	8492	0.92	cps
Lead	208-1	38011	37627	37054	37564	1.28	cps
Lithium	6-1	2167951	2124136	2210554	2167547	1.99	cps
Magnesium	24-2	76470	78498	76638	77202	1.46	cps
Manganese	55-2	1670	1500	1607	1592	5.40	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 14:06:36	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18396	18112	18354	18287	0.84	cps
Molybdenum	95-1	20908	20031	20908	20616	2.45	cps
Molybdenum	96-1	23528	23044	23278	23284	1.04	cps
Molybdenum	97-1	12756	12681	13107	12848	1.77	cps
Molybdenum	98-1	34869	32856	32563	33429	3.76	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1470	1413	1337	1407	4.76	cps
Phosphorus	31-2	67	83	67	72	13.33	cps
Potassium	39-2	92681	87902	89988	90190	2.66	cps
Rhodium	103-1	12154823	11848596	12313427	12105615	1.95	cps
Rhodium	103-2	6227340	6152724	6170457	6183507	0.63	cps
Scandium	45-1	7322222	7184659	7465264	7324048	1.92	cps
Scandium	45-2	319037	314189	314463	315896	0.86	cps
Selenium	77-2	17	27	13	19	36.75	cps
Selenium	78-2	174	128	154	152	15.28	cps
Selenium	82-1	596	625	572	598	4.45	cps
Silicon	28-1	202575	202766	201707	202349	0.28	cps
Silver	109-1	10755	10379	9871	10335	4.29	cps
Silver	107-1	10771	10846	10629	10749	1.02	cps
Sodium	23-2	156733	157881	157770	157461	0.40	cps
Strontium	86-1	3617	2984	3426	3342	9.72	cps
Strontium	88-1	25273	24797	23103	24391	4.68	cps
Sulfur	34-1	182495	182226	183366	182696	0.33	cps
Terbium	159-1	17632969	17475583	17892398	17666983	1.19	cps
Terbium	159-2	9322397	9300749	9277171	9300106	0.24	cps
Thallium	203-1	8770	8945	8670	8795	1.58	cps
Thallium	205-1	22136	22461	21961	22186	1.14	cps
Tin	118-1	37209	37835	37125	37390	1.04	cps
Titanium	47-1	5393	5385	5718	5498	3.46	cps
Uranium	238-1	27354	27046	27054	27151	0.65	cps
Vanadium	51-2	9133	9310	8996	9146	1.72	cps
Yttrium	89-1	13633338	13337636	13890332	13620435	2.03	cps
Yttrium	89-2	1909548	1896423	1902594	1902855	0.35	cps
Zinc	66-2	4594	4584	4504	4561	1.08	cps
Zirconium	90-1	16802	17737	16318	16952	4.25	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 14:06:36	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3884	3759	3584	3742	4.03	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : CCB40 Instrumnet Name : P7
 Client Sample ID : CCB40 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 14:10:25 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	125	108	106	19.87	cps
Antimony	121-1	1475	1292	1283	1350	8.03	cps
Arsenic	75-2	15	24	17	19	26.45	cps
Barium	135-1	225	117	100	147	46.10	cps
Barium	137-1	283	358	342	328	12.02	cps
Beryllium	9-1	172	156	150	159	7.26	cps
Bismuth	209-1	11359584	11309896	11347557	11339012	0.23	cps
Bismuth	209-2	7021447	7012372	6976348	7003389	0.34	cps
Boron	10-1	1433	1467	1317	1406	5.60	cps
Boron	11-1	7535	6960	7144	7213	4.07	cps
Cadmium	111-1	2238	2294	2214	2249	1.83	cps
Cadmium	106-1	3109	3125	3000	3078	2.21	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	358	500	450	436	16.48	cps
Calcium	44-1	13023	12664	12481	12723	2.17	cps
Chromium	52-2	490	553	537	527	6.23	cps
Cobalt	59-2	173	157	157	162	5.93	cps
Copper	63-2	1847	1667	1777	1763	5.15	cps
Dysprosium	156-1	58	50	42	50	16.67	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	58	50	50	53	9.12	cps
Erbium	164-2	30	30	7	22	60.61	cps
Gadolinium	160-1	92	58	92	81	23.89	cps
Gadolinium	160-2	97	97	107	100	5.77	cps
Holmium	165-1	16950624	16818324	16954156	16907702	0.46	cps
Holmium	165-2	9078628	9064279	9063823	9068910	0.09	cps
Indium	115-1	13685287	13625610	13623848	13644915	0.26	cps
Indium	115-2	2565290	2571686	2585242	2574073	0.40	cps
Iron	56-2	8314	7591	7724	7876	4.88	cps
Iron	57-2	217	267	233	239	10.66	cps
Lead	206-1	2311	2467	2328	2369	3.61	cps
Lead	207-1	2122	2028	2184	2111	3.71	cps
Lead	208-1	9424	9474	9841	9579	2.38	cps
Lithium	6-1	2219220	2212868	2203334	2211807	0.36	cps
Magnesium	24-2	1167	1125	1100	1131	2.98	cps
Manganese	55-2	223	233	177	211	14.33	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 14:10:25	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	675	708	825	736	10.70	cps
Molybdenum	95-1	467	558	442	489	12.57	cps
Molybdenum	96-1	675	683	542	633	12.55	cps
Molybdenum	97-1	375	442	308	375	17.78	cps
Molybdenum	98-1	775	808	975	853	12.56	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	247	307	203	252	20.57	cps
Phosphorus	31-2	58	58	83	67	21.65	cps
Potassium	39-2	14933	15300	15650	15295	2.35	cps
Rhodium	103-1	12434960	12377542	12297596	12370033	0.56	cps
Rhodium	103-2	6163449	6152782	6152825	6156352	0.10	cps
Scandium	45-1	7483599	7470302	7427116	7460339	0.40	cps
Scandium	45-2	313900	313438	316934	314757	0.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	43	61	54	18.78	cps
Selenium	82-1	16	0	-33	-6	-427.01	cps
Silicon	28-1	142068	141894	139134	141032	1.17	cps
Silver	109-1	525	417	375	439	17.64	cps
Silver	107-1	567	617	600	594	4.28	cps
Sodium	23-2	16843	16702	16793	16780	0.43	cps
Strontium	86-1	725	733	625	694	8.68	cps
Strontium	88-1	658	633	592	628	5.37	cps
Sulfur	34-1	184705	185178	184942	184942	0.13	cps
Terbium	159-1	17982694	17907461	17767947	17886034	0.61	cps
Terbium	159-2	9221375	9208524	9198442	9209447	0.12	cps
Thallium	203-1	508	508	392	469	14.35	cps
Thallium	205-1	1292	1267	1325	1295	2.26	cps
Tin	118-1	3617	4126	4101	3948	7.26	cps
Titanium	47-1	175	158	192	175	9.53	cps
Uranium	238-1	383	375	367	375	2.22	cps
Vanadium	51-2	83	47	23	51	59.18	cps
Yttrium	89-1	13995642	13894700	13848019	13912787	0.54	cps
Yttrium	89-2	1896944	1889666	1910011	1898873	0.54	cps
Zinc	66-2	3237	3374	3424	3345	2.89	cps
Zirconium	90-1	1042	1133	1233	1136	8.44	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 14:10:25	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	308	292	286	8.90	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL2REX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 14:14:12	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1340235	1343908	1338089	1340744	0.22	cps
Antimony	121-1	1102527	1102039	1104684	1103083	0.13	cps
Arsenic	75-2	191606	191804	191788	191733	0.06	cps
Barium	135-1	658864	660936	656238	658679	0.36	cps
Barium	137-1	1155679	1165348	1159898	1160309	0.42	cps
Beryllium	9-1	290094	288049	287998	288714	0.41	cps
Bismuth	209-1	11101075	11047408	11135421	11094635	0.40	cps
Bismuth	209-2	6645852	6641822	6653731	6647135	0.09	cps
Boron	10-1	130761	132836	137713	133770	2.67	cps
Boron	11-1	644569	662994	673654	660406	2.23	cps
Cadmium	111-1	1496201	1500159	1485062	1493807	0.52	cps
Cadmium	106-1	134491	136099	135991	135527	0.66	cps
Cadmium	108-1	99618	98619	99324	99187	0.52	cps
Calcium	43-1	817808	807135	809137	811360	0.70	cps
Calcium	44-1	13320042	13263285	13376923	13320083	0.43	cps
Chromium	52-2	1714117	1732227	1720182	1722175	0.54	cps
Cobalt	59-2	518313	522705	521944	520987	0.45	cps
Copper	63-2	842768	844377	839274	842140	0.31	cps
Dysprosium	156-1	80169	78668	81107	79981	1.54	cps
Dysprosium	156-2	38070	37699	38083	37950	0.57	cps
Erbium	164-1	63407	61858	61080	62115	1.91	cps
Erbium	164-2	31774	32061	31777	31871	0.52	cps
Gadolinium	160-1	70415	71236	70089	70580	0.84	cps
Gadolinium	160-2	41085	40754	40604	40814	0.60	cps
Holmium	165-1	17113612	17227596	17131379	17157529	0.36	cps
Holmium	165-2	9167095	9112209	9135467	9138257	0.30	cps
Indium	115-1	13616516	13716476	13715079	13682691	0.42	cps
Indium	115-2	2548327	2550565	2557798	2552230	0.19	cps
Iron	56-2	60440825	60296972	59783392	60173730	0.57	cps
Iron	57-2	1459620	1463933	1460541	1461365	0.16	cps
Lead	206-1	2400984	2393877	2382275	2392379	0.39	cps
Lead	207-1	2117110	2101537	2105099	2107915	0.39	cps
Lead	208-1	9707441	9642379	9633952	9661257	0.42	cps
Lithium	6-1	2616234	2622574	2641825	2626878	0.51	cps
Magnesium	24-2	2451372	2446758	2451674	2449935	0.11	cps
Manganese	55-2	3051758	3070924	3049465	3057382	0.39	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL2REX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 14:14:12	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	574058	579715	589223	580999	1.32	cps
Molybdenum	95-1	808185	824969	819051	817402	1.04	cps
Molybdenum	96-1	884081	891803	896300	890728	0.69	cps
Molybdenum	97-1	508647	505360	511070	508359	0.56	cps
Molybdenum	98-1	1321530	1323649	1329638	1324939	0.32	cps
Neodymium	150-1	150913	152564	149639	151039	0.97	cps
Neodymium	150-2	60901	61098	61105	61035	0.19	cps
Nickel	60-2	542256	547401	545439	545032	0.48	cps
Phosphorus	31-2	2934	2975	2984	2964	0.90	cps
Potassium	39-2	1538194	1548582	1533452	1540076	0.50	cps
Rhodium	103-1	12241918	12323052	12245224	12270065	0.37	cps
Rhodium	103-2	6088009	6079055	6055406	6074157	0.28	cps
Scandium	45-1	7592486	7629705	7670375	7630855	0.51	cps
Scandium	45-2	320663	322190	323444	322099	0.43	cps
Selenium	77-2	3067	3337	3034	3146	5.29	cps
Selenium	78-2	10016	10398	10180	10198	1.88	cps
Selenium	82-1	71814	72375	72481	72223	0.50	cps
Silicon	28-1	8768019	8791010	8801275	8786768	0.19	cps
Silver	109-1	1697654	1701963	1691446	1697021	0.31	cps
Silver	107-1	1743155	1761901	1750357	1751804	0.54	cps
Sodium	23-2	4401897	4392498	4358117	4384171	0.53	cps
Strontium	86-1	552111	556721	556709	555180	0.48	cps
Strontium	88-1	4875858	4883829	4867660	4875783	0.17	cps
Sulfur	34-1	205792	206958	203175	205308	0.94	cps
Terbium	159-1	18069423	18181863	18132047	18127778	0.31	cps
Terbium	159-2	9283118	9250833	9233953	9255968	0.27	cps
Thallium	203-1	5232976	5206504	5228358	5222613	0.27	cps
Thallium	205-1	12729458	12789271	12811964	12776898	0.33	cps
Tin	118-1	1733101	1733873	1745879	1737618	0.41	cps
Titanium	47-1	770836	768711	762723	767424	0.55	cps
Uranium	238-1	3151108	3124692	3158690	3144830	0.57	cps
Vanadium	51-2	955083	956498	950066	953883	0.35	cps
Yttrium	89-1	14859898	14867715	14940271	14889294	0.30	cps
Yttrium	89-2	2027958	2030352	2011556	2023289	0.51	cps
Zinc	66-2	431008	429550	425728	428762	0.64	cps
Zirconium	90-1	309795	311661	311717	311058	0.35	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL2REX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE	Dilution Factor :	5
Date & Time Acquired ::	2017-11-14 14:14:12	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	70281	69805	70172	70086	0.36	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL3REX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3RE	Dilution Factor :	10
Date & Time Acquired ::	2017-11-14 14:19:17	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	662247	667846	674583	668225	0.92	cps
Antimony	121-1	550240	555261	551349	552283	0.48	cps
Arsenic	75-2	96612	95349	95634	95865	0.69	cps
Barium	135-1	325282	331189	329417	328629	0.92	cps
Barium	137-1	578325	579666	577067	578353	0.22	cps
Beryllium	9-1	144374	143331	143005	143570	0.50	cps
Bismuth	209-1	11169600	11187120	11194489	11183736	0.11	cps
Bismuth	209-2	6856295	6633071	6878700	6789355	2.00	cps
Boron	10-1	66237	67376	67417	67010	1.00	cps
Boron	11-1	325516	330315	338328	331386	1.95	cps
Cadmium	111-1	749953	755680	752480	752704	0.38	cps
Cadmium	106-1	69253	71029	68960	69747	1.61	cps
Cadmium	108-1	49833	49900	49917	49883	0.09	cps
Calcium	43-1	404487	403950	403195	403877	0.16	cps
Calcium	44-1	6587950	6664597	6624017	6625521	0.58	cps
Chromium	52-2	849830	856777	861573	856060	0.69	cps
Cobalt	59-2	259532	259023	261979	260178	0.61	cps
Copper	63-2	420570	417654	421136	419787	0.45	cps
Dysprosium	156-1	39600	40569	39424	39865	1.55	cps
Dysprosium	156-2	18937	18927	18670	18844	0.80	cps
Erbium	164-1	31437	30852	31521	31270	1.16	cps
Erbium	164-2	15726	15976	15859	15854	0.79	cps
Gadolinium	160-1	34311	34812	34921	34681	0.94	cps
Gadolinium	160-2	20292	20269	19881	20147	1.14	cps
Holmium	165-1	16883118	17029909	17177961	17030329	0.87	cps
Holmium	165-2	9024879	9078400	9075030	9059436	0.33	cps
Indium	115-1	13600914	13742985	13720536	13688145	0.56	cps
Indium	115-2	2544457	2551615	2572429	2556167	0.57	cps
Iron	56-2	29995693	29842999	30217182	30018625	0.63	cps
Iron	57-2	726098	732588	735214	731300	0.64	cps
Lead	206-1	1188756	1196642	1206129	1197175	0.73	cps
Lead	207-1	1047391	1048783	1057740	1051305	0.53	cps
Lead	208-1	4801912	4813132	4837430	4817492	0.38	cps
Lithium	6-1	2390739	2384508	2395053	2390100	0.22	cps
Magnesium	24-2	1206358	1221632	1224452	1217481	0.80	cps
Manganese	55-2	1510632	1515196	1530736	1518854	0.69	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL3REX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3RE	Dilution Factor :	10
Date & Time Acquired ::	2017-11-14 14:19:17	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	288508	289714	288447	288889	0.25	cps
Molybdenum	95-1	405119	406966	406831	406305	0.25	cps
Molybdenum	96-1	442666	445319	446243	444743	0.42	cps
Molybdenum	97-1	250633	254279	253162	252691	0.74	cps
Molybdenum	98-1	654537	660446	655342	656775	0.49	cps
Neodymium	150-1	75246	75152	73952	74783	0.96	cps
Neodymium	150-2	29913	30093	30701	30236	1.37	cps
Nickel	60-2	272419	271343	274040	272601	0.50	cps
Phosphorus	31-2	1400	1417	1175	1331	10.14	cps
Potassium	39-2	765327	766025	770560	767304	0.37	cps
Rhodium	103-1	12257826	12355226	12255891	12289647	0.46	cps
Rhodium	103-2	6035284	6077152	6110574	6074337	0.62	cps
Scandium	45-1	7502190	7531618	7522106	7518638	0.20	cps
Scandium	45-2	314070	314602	319630	316101	0.97	cps
Selenium	77-2	1557	1440	1610	1536	5.66	cps
Selenium	78-2	5060	5316	5236	5204	2.51	cps
Selenium	82-1	36296	36572	36456	36441	0.38	cps
Silicon	28-1	4437827	4413299	4628295	4493140	2.62	cps
Silver	109-1	847035	856175	852902	852037	0.54	cps
Silver	107-1	883777	888350	883338	885155	0.31	cps
Sodium	23-2	2180159	2198460	2206938	2195186	0.62	cps
Strontium	86-1	279373	276412	274601	276795	0.87	cps
Strontium	88-1	2402273	2425363	2415120	2414252	0.48	cps
Sulfur	34-1	186950	187743	185668	186787	0.56	cps
Terbium	159-1	17955920	18087896	18205089	18082968	0.69	cps
Terbium	159-2	9147013	9183631	9196239	9175628	0.28	cps
Thallium	203-1	2565863	2584434	2591960	2580752	0.52	cps
Thallium	205-1	6231205	6292255	6318021	6280494	0.71	cps
Tin	118-1	865280	867347	871151	867926	0.34	cps
Titanium	47-1	377681	381891	379258	379610	0.56	cps
Uranium	238-1	1568723	1570494	1560980	1566732	0.32	cps
Vanadium	51-2	470906	471428	473389	471908	0.28	cps
Yttrium	89-1	14319151	14434907	14436223	14396760	0.47	cps
Yttrium	89-2	1941098	1952771	1961935	1951934	0.54	cps
Zinc	66-2	216290	217089	216117	216498	0.24	cps
Zirconium	90-1	153169	151660	152748	152526	0.51	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DL3REX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3RE	Dilution Factor :	10
Date & Time Acquired ::	2017-11-14 14:19:17	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	34317	35244	34133	34565	1.72	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DLREX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	2
Date & Time Acquired ::	2017-11-14 14:39:27	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3044676	3044247	3064746	3051223	0.38	cps
Antimony	121-1	2630356	2622660	2640565	2631194	0.34	cps
Arsenic	75-2	442163	441848	442463	442158	0.07	cps
Barium	135-1	1574532	1558434	1584815	1572593	0.85	cps
Barium	137-1	2764308	2763674	2805656	2777879	0.87	cps
Beryllium	9-1	659577	659270	654161	657669	0.46	cps
Bismuth	209-1	10773135	10878108	10914825	10855356	0.68	cps
Bismuth	209-2	6321153	6362726	6386934	6356938	0.52	cps
Boron	10-1	304833	314734	312232	310600	1.66	cps
Boron	11-1	1521840	1557020	1576502	1551787	1.79	cps
Cadmium	111-1	3505826	3513019	3532922	3517256	0.40	cps
Cadmium	106-1	315364	315361	316510	315745	0.21	cps
Cadmium	108-1	231231	232650	234973	232951	0.81	cps
Calcium	43-1	1910652	1926112	1929141	1921969	0.52	cps
Calcium	44-1	31034935	31193763	31170548	31133082	0.28	cps
Chromium	52-2	3999488	4037349	4030062	4022300	0.50	cps
Cobalt	59-2	1196941	1217589	1216666	1210399	0.96	cps
Copper	63-2	1949250	1960844	1953278	1954457	0.30	cps
Dysprosium	156-1	189016	190748	192359	190708	0.88	cps
Dysprosium	156-2	90001	89249	91191	90147	1.09	cps
Erbium	164-1	148281	149511	149755	149183	0.53	cps
Erbium	164-2	75373	75263	75608	75415	0.23	cps
Gadolinium	160-1	165720	166436	168082	166746	0.73	cps
Gadolinium	160-2	96954	97831	97208	97331	0.46	cps
Holmium	165-1	16543168	16660901	16697059	16633709	0.48	cps
Holmium	165-2	8673186	8678849	8687713	8679916	0.08	cps
Indium	115-1	13017939	13006697	13071498	13032045	0.27	cps
Indium	115-2	2377844	2390978	2389941	2386254	0.31	cps
Iron	56-2	138169992	138591692	138611745	138457810	0.18	cps
Iron	57-2	3417799	3428953	3419185	3421979	0.18	cps
Lead	206-1	5747711	5806203	5789424	5781113	0.52	cps
Lead	207-1	5066009	5104528	5158463	5109667	0.91	cps
Lead	208-1	23467055	23740955	23870672	23692894	0.87	cps
Lithium	6-1	3071129	3083475	3073835	3076146	0.21	cps
Magnesium	24-2	5633327	5629405	5619904	5627545	0.12	cps
Manganese	55-2	7090147	7121211	7101757	7104371	0.22	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DLREX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	2
Date & Time Acquired ::	2017-11-14 14:39:27	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1385446	1397626	1395796	1392956	0.47	cps
Molybdenum	95-1	1962093	1968966	1951433	1960831	0.45	cps
Molybdenum	96-1	2122427	2151225	2134138	2135930	0.68	cps
Molybdenum	97-1	1219186	1228510	1214982	1220893	0.57	cps
Molybdenum	98-1	3184979	3206294	3190789	3194021	0.34	cps
Neodymium	150-1	356488	357747	360145	358126	0.52	cps
Neodymium	150-2	141688	142637	142849	142391	0.43	cps
Nickel	60-2	1259304	1260817	1264213	1261445	0.20	cps
Phosphorus	31-2	6118	6393	6452	6321	2.82	cps
Potassium	39-2	3488541	3500374	3494908	3494608	0.17	cps
Rhodium	103-1	11569331	11532868	11562668	11554956	0.17	cps
Rhodium	103-2	5527746	5533387	5570288	5543807	0.42	cps
Scandium	45-1	7317987	7360215	7354831	7344344	0.31	cps
Scandium	45-2	302481	303624	302082	302729	0.26	cps
Selenium	77-2	6898	7275	7065	7080	2.67	cps
Selenium	78-2	22762	23246	23037	23015	1.05	cps
Selenium	82-1	167333	168290	168263	167962	0.32	cps
Silicon	28-1	19999221	19950451	19685860	19878511	0.85	cps
Silver	109-1	4009958	4018736	4011850	4013515	0.12	cps
Silver	107-1	4122310	4164402	4174812	4153842	0.67	cps
Sodium	23-2	9935927	9947719	9947929	9943858	0.07	cps
Strontium	86-1	1318733	1318748	1335782	1324421	0.74	cps
Strontium	88-1	11663311	11724502	11743349	11710388	0.36	cps
Sulfur	34-1	235809	233435	233265	234169	0.61	cps
Terbium	159-1	17490573	17563374	17746809	17600252	0.75	cps
Terbium	159-2	8811075	8805993	8798591	8805220	0.07	cps
Thallium	203-1	12885938	12953392	13050156	12963162	0.64	cps
Thallium	205-1	30659780	30733889	30754134	30715934	0.16	cps
Tin	118-1	4140933	4147289	4189147	4159123	0.63	cps
Titanium	47-1	1806121	1806241	1802277	1804880	0.12	cps
Uranium	238-1	7925178	7988874	8011319	7975124	0.56	cps
Vanadium	51-2	2208080	2215460	2218215	2213919	0.24	cps
Yttrium	89-1	15410450	15468559	15552614	15477207	0.46	cps
Yttrium	89-2	2043046	2058949	2062692	2054895	0.51	cps
Zinc	66-2	969871	978264	978372	975502	0.50	cps
Zirconium	90-1	736254	735388	741619	737754	0.46	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	I6298-14DLREX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	2
Date & Time Acquired ::	2017-11-14 14:39:27	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	163733	164140	166802	164892	1.01	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BSRE	Instrumnet Name :	P7
Client Sample ID :	PB104120BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:05:57	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3394635	3454742	3484586	3444654	1.33	cps
Antimony	121-1	4264133	4312171	4317156	4297820	0.68	cps
Arsenic	75-2	135571	137779	138055	137135	0.99	cps
Barium	135-1	5188711	5235422	5221234	5215123	0.46	cps
Barium	137-1	9283974	9344062	9339476	9322504	0.36	cps
Beryllium	9-1	522113	521969	526209	523430	0.46	cps
Bismuth	209-1	9556882	9603950	9601306	9587379	0.28	cps
Bismuth	209-2	5787612	5842595	5918397	5849535	1.12	cps
Boron	10-1	63635	64614	64990	64413	1.09	cps
Boron	11-1	307004	311402	319361	312589	2.00	cps
Cadmium	111-1	957621	971942	974019	967861	0.92	cps
Cadmium	106-1	104944	107118	107480	106514	1.29	cps
Cadmium	108-1	70311	72237	72585	71711	1.71	cps
Calcium	43-1	5766677	5777558	5801336	5781857	0.31	cps
Calcium	44-1	92619244	92783948	93028979	92810724	0.22	cps
Chromium	52-2	1188892	1198272	1209119	1198761	0.84	cps
Cobalt	59-2	1936061	1960506	1983345	1959971	1.21	cps
Copper	63-2	2753720	2786477	2816236	2785478	1.12	cps
Dysprosium	156-1	158	50	133	114	49.81	cps
Dysprosium	156-2	60	73	60	64	11.95	cps
Erbium	164-1	50	67	42	53	24.12	cps
Erbium	164-2	57	43	40	47	18.90	cps
Gadolinium	160-1	67	142	142	117	37.11	cps
Gadolinium	160-2	147	143	153	148	3.45	cps
Holmium	165-1	15322711	15438522	15547181	15436138	0.73	cps
Holmium	165-2	8309061	8377336	8430690	8372362	0.73	cps
Indium	115-1	11956124	12046411	12069634	12024056	0.50	cps
Indium	115-2	2321724	2334580	2356133	2337479	0.74	cps
Iron	56-2	241580767	243847411	244079267	243169148	0.57	cps
Iron	57-2	6019715	6054432	6081944	6052030	0.52	cps
Lead	206-1	3207880	3213969	3231316	3217722	0.38	cps
Lead	207-1	2996989	3002179	3002321	3000496	0.10	cps
Lead	208-1	13626294	13675315	13623667	13641758	0.21	cps
Lithium	6-1	1974048	1987468	2000032	1987183	0.65	cps
Magnesium	24-2	39334251	39817274	40213007	39788177	1.11	cps
Manganese	55-2	1331171	1350525	1358106	1346601	1.03	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BSRE	Instrumnet Name :	P7
Client Sample ID :	PB104120BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:05:57	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8869573	8913566	8946500	8909879	0.43	cps
Molybdenum	95-1	10621950	10629028	10720097	10657025	0.51	cps
Molybdenum	96-1	11777709	11868309	11892142	11846053	0.51	cps
Molybdenum	97-1	6688020	6725767	6720512	6711433	0.30	cps
Molybdenum	98-1	17248484	17289183	17341929	17293198	0.27	cps
Neodymium	150-1	287	213	320	273	19.97	cps
Neodymium	150-2	33	50	27	37	32.78	cps
Nickel	60-2	504340	508324	513260	508642	0.88	cps
Phosphorus	31-2	33990	33071	35025	34029	2.87	cps
Potassium	39-2	19608424	19751489	19888411	19749441	0.71	cps
Rhodium	103-1	10496846	10570336	10670685	10579289	0.82	cps
Rhodium	103-2	5202966	5215412	5287940	5235439	0.88	cps
Scandium	45-1	6867454	6868735	6956121	6897437	0.74	cps
Scandium	45-2	301359	303182	307239	303927	0.99	cps
Selenium	77-2	2590	2557	2730	2626	3.50	cps
Selenium	78-2	8623	8764	8971	8786	1.99	cps
Selenium	82-1	58822	58626	58981	58809	0.30	cps
Silicon	28-1	2330646	2371262	2392921	2364943	1.34	cps
Silver	109-1	4634153	4683434	4692118	4669902	0.67	cps
Silver	107-1	4763592	4835141	4860134	4819622	1.04	cps
Sodium	23-2	71944008	72446450	73373514	72587991	1.00	cps
Strontium	86-1	1387956	1385191	1386160	1386436	0.10	cps
Strontium	88-1	12194488	12238828	12298841	12244052	0.43	cps
Sulfur	34-1	473877	479265	478463	477202	0.61	cps
Terbium	159-1	16163076	16334561	16395778	16297805	0.74	cps
Terbium	159-2	8503949	8503062	8606861	8537957	0.70	cps
Thallium	203-1	3960862	4002665	4019534	3994354	0.76	cps
Thallium	205-1	9834556	9831491	9894117	9853388	0.36	cps
Tin	118-1	3386199	3435388	3458841	3426809	1.08	cps
Titanium	47-1	2626736	2615308	2668534	2636859	1.06	cps
Uranium	238-1	14474616	14518847	14587106	14526856	0.39	cps
Vanadium	51-2	987589	996335	1011861	998595	1.23	cps
Yttrium	89-1	12617812	12763809	12799358	12726993	0.76	cps
Yttrium	89-2	1792206	1806096	1825261	1807854	0.92	cps
Zinc	66-2	375778	378017	381345	378380	0.74	cps
Zirconium	90-1	7558225	7636199	7648689	7614371	0.64	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	PB104120BSRE	Instrumnet Name :	P7
Client Sample ID :	PB104120BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:05:57	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1654855	1665739	1668164	1662919	0.43	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : CRIRE Instrumnet Name : P7
 Client Sample ID : CRIRE Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 15:25:19 DataFile Name : 052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1233	1708	1292	1411	18.36	cps
Antimony	121-1	17962	17929	17695	17862	0.81	cps
Arsenic	75-2	220	319	319	286	19.83	cps
Barium	135-1	19523	19206	18872	19200	1.70	cps
Barium	137-1	34444	34151	34026	34207	0.63	cps
Beryllium	9-1	1078	978	1178	1078	9.28	cps
Bismuth	209-1	10842699	10823479	10802178	10822785	0.19	cps
Bismuth	209-2	6388768	6364171	6390333	6381091	0.23	cps
Boron	10-1	3384	3509	3476	3456	1.87	cps
Boron	11-1	16284	16752	17386	16807	3.29	cps
Cadmium	111-1	4000	4085	3810	3965	3.55	cps
Cadmium	106-1	3201	3226	2784	3070	8.08	cps
Cadmium	108-1	142	146	150	146	2.86	cps
Calcium	43-1	10871	11255	10996	11041	1.77	cps
Calcium	44-1	179619	178033	176633	178095	0.84	cps
Chromium	52-2	5094	5291	5188	5191	1.90	cps
Cobalt	59-2	3917	3777	4051	3915	3.49	cps
Copper	63-2	6855	6782	7212	6950	3.31	cps
Dysprosium	156-1	58	50	42	50	16.67	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	33	25	83	47	66.82	cps
Erbium	164-2	33	27	40	33	20.00	cps
Gadolinium	160-1	58	75	33	56	37.75	cps
Gadolinium	160-2	73	73	73	73	0.01	cps
Holmium	165-1	16002808	15938466	15897283	15946186	0.33	cps
Holmium	165-2	8506948	8463982	8441411	8470780	0.39	cps
Indium	115-1	12968799	12955233	12915759	12946597	0.21	cps
Indium	115-2	2419465	2414315	2431228	2421669	0.36	cps
Iron	56-2	98019	97617	97863	97833	0.21	cps
Iron	57-2	2339	2723	2517	2526	7.60	cps
Lead	206-1	8775	8464	8175	8471	3.54	cps
Lead	207-1	8303	7886	7841	8010	3.18	cps
Lead	208-1	35608	35019	33990	34872	2.35	cps
Lithium	6-1	2128676	2123250	2114239	2122055	0.34	cps
Magnesium	24-2	72291	72886	73522	72900	0.84	cps
Manganese	55-2	1500	1347	1347	1398	6.33	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:25:19	DataFile Name :	052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17103	16802	16427	16777	2.02	cps
Molybdenum	95-1	19314	19648	19189	19383	1.22	cps
Molybdenum	96-1	21976	21676	21934	21862	0.74	cps
Molybdenum	97-1	12256	12314	11722	12097	2.70	cps
Molybdenum	98-1	31411	30859	31010	31093	0.92	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1207	1437	1213	1286	10.18	cps
Phosphorus	31-2	83	75	75	78	6.19	cps
Potassium	39-2	83837	83904	82061	83267	1.26	cps
Rhodium	103-1	11765658	11720210	11796603	11760824	0.33	cps
Rhodium	103-2	5636690	5640932	5676561	5651394	0.39	cps
Scandium	45-1	7084748	7072244	7060057	7072350	0.17	cps
Scandium	45-2	296275	297833	300590	298233	0.73	cps
Selenium	77-2	20	33	23	26	27.15	cps
Selenium	78-2	131	117	93	114	17.28	cps
Selenium	82-1	576	594	540	570	4.84	cps
Silicon	28-1	188472	189207	189966	189215	0.39	cps
Silver	109-1	9712	9887	9745	9782	0.95	cps
Silver	107-1	9770	10546	10146	10154	3.82	cps
Sodium	23-2	145793	144490	144515	144933	0.51	cps
Strontium	86-1	3025	3167	3150	3114	2.49	cps
Strontium	88-1	23612	22226	22302	22713	3.43	cps
Sulfur	34-1	179427	181070	181483	180660	0.60	cps
Terbium	159-1	16942086	16838915	16866385	16882462	0.32	cps
Terbium	159-2	8618150	8652721	8630887	8633920	0.20	cps
Thallium	203-1	8345	7903	7878	8042	3.27	cps
Thallium	205-1	20450	19615	19824	19963	2.18	cps
Tin	118-1	34969	34685	34369	34674	0.87	cps
Titanium	47-1	4918	5059	4768	4915	2.97	cps
Uranium	238-1	25501	25960	25367	25609	1.21	cps
Vanadium	51-2	8599	8976	9063	8879	2.78	cps
Yttrium	89-1	13209943	13161535	13269234	13213571	0.41	cps
Yttrium	89-2	1788889	1807133	1816446	1804156	0.78	cps
Zinc	66-2	4264	4341	4257	4287	1.08	cps
Zirconium	90-1	15284	15008	15092	15128	0.93	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:25:19	DataFile Name :	052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3309	3417	3376	3367	1.62	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:32:33	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3508021	3554650	3596197	3552956	1.24	cps
Antimony	121-1	4295305	4317434	4345338	4319359	0.58	cps
Arsenic	75-2	138051	139143	139324	138840	0.50	cps
Barium	135-1	5195997	5232873	5265178	5231349	0.66	cps
Barium	137-1	9319228	9316824	9372250	9336101	0.34	cps
Beryllium	9-1	545979	543728	546939	545549	0.30	cps
Bismuth	209-1	9549541	9515203	9584518	9549754	0.36	cps
Bismuth	209-2	5777469	5844972	5882774	5835072	0.91	cps
Boron	10-1	63718	66949	67342	66003	3.01	cps
Boron	11-1	314078	324865	332430	323791	2.85	cps
Cadmium	111-1	972433	973022	976933	974130	0.25	cps
Cadmium	106-1	105676	105273	104743	105231	0.44	cps
Cadmium	108-1	71550	72363	72158	72024	0.59	cps
Calcium	43-1	5879968	5877460	5956052	5904493	0.76	cps
Calcium	44-1	93992400	94504338	94936448	94477729	0.50	cps
Chromium	52-2	1202570	1205867	1228412	1212283	1.16	cps
Cobalt	59-2	1970435	1987067	2010176	1989226	1.00	cps
Copper	63-2	2795569	2803867	2842465	2813967	0.89	cps
Dysprosium	156-1	67	158	83	103	47.51	cps
Dysprosium	156-2	53	47	60	53	12.50	cps
Erbium	164-1	83	100	58	81	26.03	cps
Erbium	164-2	13	30	33	26	41.94	cps
Gadolinium	160-1	108	100	142	117	18.89	cps
Gadolinium	160-2	127	93	100	107	16.53	cps
Holmium	165-1	15217561	15337333	15478513	15344469	0.85	cps
Holmium	165-2	8335246	8370457	8408311	8371338	0.44	cps
Indium	115-1	11862590	11932920	11950959	11915490	0.39	cps
Indium	115-2	2329507	2352143	2363339	2348330	0.73	cps
Iron	56-2	244948411	246830206	247755989	246511535	0.58	cps
Iron	57-2	6083511	6128329	6152862	6121568	0.57	cps
Lead	206-1	3204764	3212585	3278518	3231956	1.25	cps
Lead	207-1	3008673	3005544	3025080	3013099	0.35	cps
Lead	208-1	13622178	13578719	13711366	13637421	0.50	cps
Lithium	6-1	2066583	2077216	2095733	2079844	0.71	cps
Magnesium	24-2	40591255	40987418	41018296	40865656	0.58	cps
Manganese	55-2	1354891	1375611	1379433	1369978	0.96	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:32:33	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8872421	8884386	8981169	8912659	0.67	cps
Molybdenum	95-1	10677516	10686877	10761075	10708489	0.43	cps
Molybdenum	96-1	11877333	11836412	11975464	11896403	0.60	cps
Molybdenum	97-1	6713547	6691923	6755632	6720367	0.48	cps
Molybdenum	98-1	17315959	17282538	17431425	17343307	0.45	cps
Neodymium	150-1	267	227	300	264	13.88	cps
Neodymium	150-2	33	43	47	41	16.89	cps
Nickel	60-2	513139	517868	520049	517019	0.68	cps
Phosphorus	31-2	33923	34875	34825	34541	1.55	cps
Potassium	39-2	20046558	20117629	20376803	20180330	0.86	cps
Rhodium	103-1	10475277	10564126	10581928	10540444	0.54	cps
Rhodium	103-2	5195732	5241653	5271585	5236324	0.73	cps
Scandium	45-1	6961991	6976065	7006290	6981448	0.32	cps
Scandium	45-2	307127	309452	311399	309326	0.69	cps
Selenium	77-2	2764	2680	2614	2686	2.80	cps
Selenium	78-2	8623	8604	8994	8740	2.51	cps
Selenium	82-1	59293	59636	59868	59599	0.49	cps
Silicon	28-1	2396470	2427277	2483001	2435583	1.80	cps
Silver	109-1	4692275	4712463	4742215	4715651	0.53	cps
Silver	107-1	4845789	4847176	4865940	4852968	0.23	cps
Sodium	23-2	74379325	74514489	74858375	74584063	0.33	cps
Strontium	86-1	1393980	1395345	1388094	1392473	0.28	cps
Strontium	88-1	12317487	12253408	12400310	12323735	0.60	cps
Sulfur	34-1	488098	490082	495020	491067	0.73	cps
Terbium	159-1	16180028	16238791	16316959	16245259	0.42	cps
Terbium	159-2	8499486	8556590	8558473	8538183	0.39	cps
Thallium	203-1	3958686	4007840	4057167	4007897	1.23	cps
Thallium	205-1	9709894	9841449	9978536	9843293	1.36	cps
Tin	118-1	3423428	3420065	3450601	3431364	0.49	cps
Titanium	47-1	2684877	2671225	2714890	2690331	0.83	cps
Uranium	238-1	14351507	14394546	14528591	14424881	0.64	cps
Vanadium	51-2	1008173	1013452	1023277	1014968	0.76	cps
Yttrium	89-1	12771034	12791298	12838752	12800361	0.27	cps
Yttrium	89-2	1795436	1820916	1832180	1816177	1.04	cps
Zinc	66-2	382572	383358	386856	384262	0.59	cps
Zirconium	90-1	7621921	7652967	7655629	7643506	0.25	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:32:33	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1664919	1658371	1676977	1666756	0.57	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV03	Instrumnet Name :	P7
Client Sample ID :	LLCCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:45:46	DataFile Name :	054LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1300	1483	1350	1378	6.88	cps
Antimony	121-1	18363	18722	19105	18730	1.98	cps
Arsenic	75-2	296	280	285	287	2.96	cps
Barium	135-1	20491	20466	19840	20266	1.82	cps
Barium	137-1	36791	34369	35179	35446	3.48	cps
Beryllium	9-1	1183	1122	1156	1154	2.65	cps
Bismuth	209-1	10924979	10982372	10890737	10932696	0.42	cps
Bismuth	209-2	6485639	6492695	6493017	6490451	0.06	cps
Boron	10-1	3317	3734	3851	3634	7.72	cps
Boron	11-1	17002	18437	17828	17755	4.06	cps
Cadmium	111-1	4046	4181	4371	4200	3.89	cps
Cadmium	106-1	3000	3176	3409	3195	6.41	cps
Cadmium	108-1	138	125	200	154	26.07	cps
Calcium	43-1	11413	11455	11605	11491	0.88	cps
Calcium	44-1	191727	188605	189809	190047	0.83	cps
Chromium	52-2	5655	5604	5288	5516	3.61	cps
Cobalt	59-2	4127	4154	4171	4151	0.53	cps
Copper	63-2	6885	7229	7235	7116	2.81	cps
Dysprosium	156-1	17	50	17	28	69.27	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	100	25	67	64	58.82	cps
Erbium	164-2	40	37	40	39	4.94	cps
Gadolinium	160-1	50	67	75	64	19.92	cps
Gadolinium	160-2	83	77	77	79	4.87	cps
Holmium	165-1	16200838	16343802	16109539	16218060	0.73	cps
Holmium	165-2	8750718	8673016	8679623	8701119	0.50	cps
Indium	115-1	13241111	13186319	13214841	13214090	0.21	cps
Indium	115-2	2502311	2516983	2528495	2515930	0.52	cps
Iron	56-2	106523	106920	106248	106564	0.32	cps
Iron	57-2	2839	2700	2384	2641	8.84	cps
Lead	206-1	8731	8397	8686	8605	2.11	cps
Lead	207-1	8286	8086	8092	8155	1.40	cps
Lead	208-1	35575	35631	35842	35683	0.39	cps
Lithium	6-1	2227741	2197929	2202128	2209266	0.73	cps
Magnesium	24-2	75348	77710	78715	77258	2.24	cps
Manganese	55-2	1540	1653	1377	1523	9.13	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV03	Instrumnet Name :	P7
Client Sample ID :	LLCCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:45:46	DataFile Name :	054LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18162	17161	18037	17787	3.07	cps
Molybdenum	95-1	19748	20858	20749	20451	2.99	cps
Molybdenum	96-1	22477	23395	22619	22830	2.17	cps
Molybdenum	97-1	12281	12156	13065	12500	3.94	cps
Molybdenum	98-1	31912	32956	32663	32510	1.66	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1257	1267	1360	1295	4.40	cps
Phosphorus	31-2	67	58	75	67	12.49	cps
Potassium	39-2	88564	89234	88623	88807	0.42	cps
Rhodium	103-1	12048269	12077158	12028924	12051450	0.20	cps
Rhodium	103-2	6026830	6030008	6000734	6019191	0.27	cps
Scandium	45-1	7337188	7362427	7327684	7342433	0.24	cps
Scandium	45-2	310944	312770	314037	312583	0.50	cps
Selenium	77-2	20	23	40	28	38.58	cps
Selenium	78-2	128	150	154	144	9.75	cps
Selenium	82-1	583	541	644	589	8.76	cps
Silicon	28-1	201546	198340	196785	198891	1.22	cps
Silver	109-1	9895	10396	9604	9965	4.02	cps
Silver	107-1	10196	10538	10646	10460	2.25	cps
Sodium	23-2	154320	156457	154276	155018	0.80	cps
Strontium	86-1	3326	3259	3501	3362	3.71	cps
Strontium	88-1	23870	23829	23286	23662	1.38	cps
Sulfur	34-1	184260	187195	184866	185440	0.84	cps
Terbium	159-1	17226271	17238983	17163793	17209683	0.23	cps
Terbium	159-2	8835674	8834850	8800050	8823525	0.23	cps
Thallium	203-1	8386	8420	8870	8559	3.16	cps
Thallium	205-1	20375	20350	20550	20425	0.53	cps
Tin	118-1	36406	36031	36649	36362	0.86	cps
Titanium	47-1	5360	5201	5251	5271	1.54	cps
Uranium	238-1	26645	26144	26854	26547	1.37	cps
Vanadium	51-2	9356	8976	9096	9143	2.13	cps
Yttrium	89-1	13614449	13650802	13647268	13637506	0.15	cps
Yttrium	89-2	1860475	1872716	1870393	1867861	0.35	cps
Zinc	66-2	4214	4397	4337	4316	2.17	cps
Zirconium	90-1	16585	16360	16735	16560	1.14	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	LLCCV03	Instrumnet Name :	P7
Client Sample ID :	LLCCV03	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:45:46	DataFile Name :	054LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3326	3659	3801	3595	6.79	cps

LB Number : LB91591 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P7
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2017-11-14 15:49:18 DataFile Name : 055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	75	67	64	19.92	cps
Antimony	121-1	1217	1242	1317	1258	4.14	cps
Arsenic	75-2	15	9	15	13	24.72	cps
Barium	135-1	142	167	183	164	12.80	cps
Barium	137-1	183	200	242	208	14.42	cps
Beryllium	9-1	122	139	111	124	11.27	cps
Bismuth	209-1	10874644	10821341	10917637	10871207	0.44	cps
Bismuth	209-2	6425335	6470219	6485623	6460392	0.48	cps
Boron	10-1	775	592	625	664	14.71	cps
Boron	11-1	3326	3434	3167	3309	4.05	cps
Cadmium	111-1	2115	2056	2348	2173	7.12	cps
Cadmium	106-1	2934	2884	3326	3048	7.94	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Calcium	43-1	242	375	342	319	21.72	cps
Calcium	44-1	10871	11088	10929	10963	1.02	cps
Chromium	52-2	450	460	453	454	1.12	cps
Cobalt	59-2	123	133	170	142	17.27	cps
Copper	63-2	1360	1520	1323	1401	7.46	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	83	33	17	44	78.07	cps
Erbium	164-2	40	13	20	24	56.78	cps
Gadolinium	160-1	50	42	58	50	16.67	cps
Gadolinium	160-2	63	97	67	76	24.30	cps
Holmium	165-1	16050387	16001987	16250621	16100998	0.82	cps
Holmium	165-2	8551557	8587260	8659093	8599303	0.64	cps
Indium	115-1	13229362	13140616	13214906	13194961	0.36	cps
Indium	115-2	2479220	2490987	2502099	2490769	0.46	cps
Iron	56-2	5479	5907	5512	5633	4.23	cps
Iron	57-2	94	211	172	159	37.30	cps
Lead	206-1	1972	2106	1950	2009	4.19	cps
Lead	207-1	1795	1672	1867	1778	5.53	cps
Lead	208-1	7879	7985	8251	8038	2.39	cps
Lithium	6-1	2205162	2191551	2206495	2201069	0.38	cps
Magnesium	24-2	825	950	908	895	7.12	cps
Manganese	55-2	110	123	133	122	9.58	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:49:18	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	625	650	592	622	4.70	cps
Molybdenum	95-1	442	392	525	453	14.88	cps
Molybdenum	96-1	508	750	558	606	21.07	cps
Molybdenum	97-1	242	333	350	308	18.92	cps
Molybdenum	98-1	700	717	892	770	13.80	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	197	223	237	219	9.30	cps
Phosphorus	31-2	83	50	100	78	32.73	cps
Potassium	39-2	14917	15192	14858	14989	1.19	cps
Rhodium	103-1	11972502	11990767	12076705	12013325	0.46	cps
Rhodium	103-2	5740506	5773656	5976608	5830257	2.19	cps
Scandium	45-1	7268288	7281678	7342747	7297571	0.54	cps
Scandium	45-2	309912	309945	310716	310191	0.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	54	59	55	7.02	cps
Selenium	82-1	16	12	42	23	71.23	cps
Silicon	28-1	136148	139275	137510	137644	1.14	cps
Silver	109-1	175	208	133	172	21.82	cps
Silver	107-1	200	242	292	244	18.78	cps
Sodium	23-2	12981	13115	12873	12989	0.93	cps
Strontium	86-1	667	550	625	614	9.63	cps
Strontium	88-1	458	308	408	392	19.50	cps
Sulfur	34-1	186316	184191	186030	185512	0.62	cps
Terbium	159-1	17174801	17088891	17132038	17131910	0.25	cps
Terbium	159-2	8701660	8793621	8809848	8768376	0.67	cps
Thallium	203-1	392	283	333	336	16.13	cps
Thallium	205-1	1050	817	858	908	13.70	cps
Tin	118-1	4067	3642	3901	3870	5.53	cps
Titanium	47-1	142	100	83	108	27.73	cps
Uranium	238-1	175	175	208	186	10.34	cps
Vanadium	51-2	13	37	23	24	47.91	cps
Yttrium	89-1	13520779	13461585	13609724	13530696	0.55	cps
Yttrium	89-2	1841006	1846604	1853869	1847160	0.35	cps
Zinc	66-2	3187	3094	3200	3160	1.84	cps
Zirconium	90-1	1225	1125	1067	1139	7.03	cps

LB Number :	LB91591	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2017-11-14 15:49:18	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	208	267	244	12.91	cps