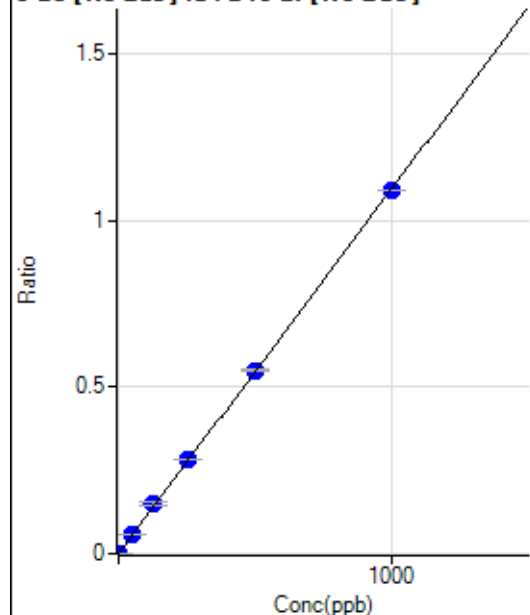


Batch Folder: D:\P8011818MS.b\
Analysis File: P8011818MS.batch.bin
DA Date-Time: 2018-01-19 11:17:19
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-01-18 12:28:52
2			
3	005CAL.S.d	S02	2018-01-18 12:35:54
4	006CAL.S.d	S03	2018-01-18 12:39:25
5	007CAL.S.d	S04	2018-01-18 12:42:57
6	008CAL.S.d	S05	2018-01-18 12:46:23
7	009CAL.S.d	S06	2018-01-18 12:49:44
8	010CAL.S.d	S07	2018-01-18 12:53:01
9	011CAL.S.d	S08	2018-01-18 12:56:15

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	74.08	0.0001	P	16.8
2	☐	0.100					
3	☐	1.000	1.088	800.04	0.0013	P	7.6
4	☐	50.000	52.830	35559.28	0.0580	P	0.7
5	☐	125.000	135.928	86766.13	0.1490	P	8.6
6	☐	250.000	256.623	168658.19	0.2812	P	0.5
7	☐	500.000	502.862	322482.93	0.5508	P	0.7
8	☐	1000.000	995.405	623268.43	1.0902	P	0.1
9	☐			529.66	0.0009	P	4.2

$$y = 0.0011 * x + 1.1988E-004$$

$$R = 0.9999$$

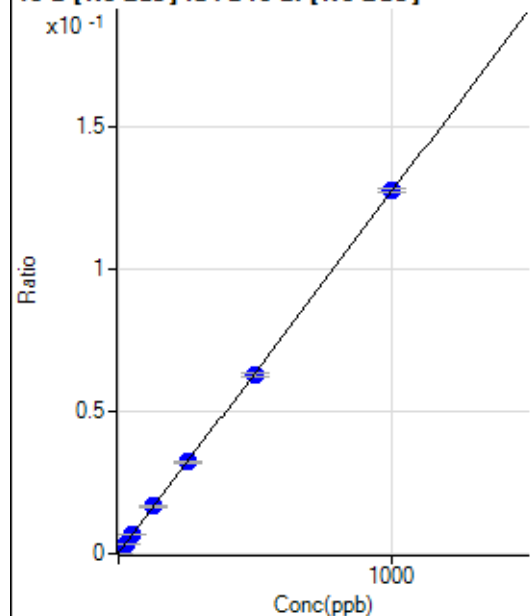
$$DL = 0.05529$$

$$BEC = 0.1095$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0002	P	14.7
2	☐	2.500					
3	☐	25.000	24.745	2014.12	0.0033	P	6.2
4	☐	50.000	50.871	4056.32	0.0066	P	3.8
5	☐	125.000	129.512	9675.86	0.0166	P	5.2
6	☐	250.000	253.014	19344.29	0.0322	P	1.6
7	☐	500.000	493.022	36697.83	0.0627	P	2.0
8	☐	1000.000	1002.135	72745.66	0.1272	P	1.2
9	☐			3369.97	0.0060	P	10.0

$$y = 1.2681E-004 * x + 1.6196E-004$$

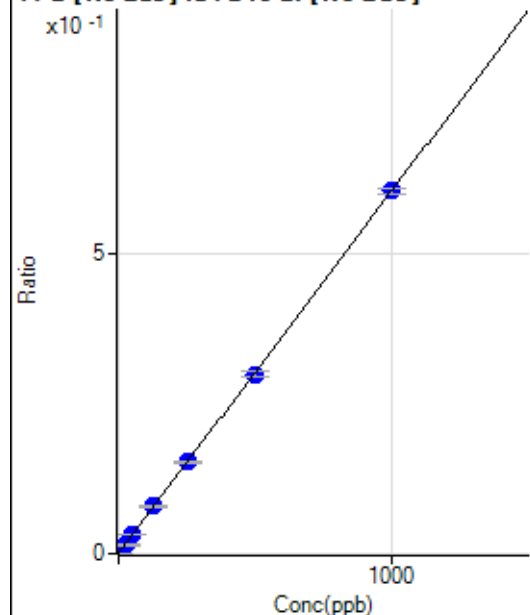
$$R = 0.9999$$

$$DL = 0.5626$$

$$BEC = 1.277$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	469.47	0.0008	P	12.3
2	☐	2.500					
3	☐	25.000	22.911	8883.74	0.0146	P	5.0
4	☐	50.000	51.899	19627.97	0.0320	P	1.5
5	☐	125.000	129.816	46033.21	0.0789	P	4.8
6	☐	250.000	252.187	91516.14	0.1526	P	1.4
7	☐	500.000	495.279	174989.19	0.2989	P	2.3
8	☐	1000.000	1001.169	344959.00	0.6034	P	1.6
9	☐			15542.35	0.0277	P	8.8

$$y = 6.0195\text{E-}004 * x + 7.6023\text{E-}004$$

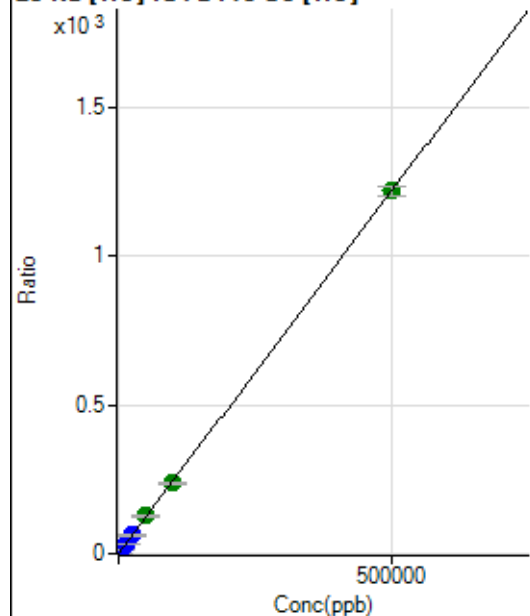
$$R = 1.0000$$

$$DL = 0.4643$$

$$BEC = 1.263$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6876.96	0.3503	P	3.8
2	☐	50.000					
3	☐	500.000	479.514	28565.75	1.5194	P	1.8
4	☐	5000.000	5038.833	229036.27	12.6348	P	1.1
5	☐	12500.000	12264.237	540364.76	30.2500	P	0.6
6	☐	25000.000	25657.141	1019016.28	62.9013	P	5.3
7	☐	50000.000	52247.495	1928573.11	127.7273	A	6.3
8	☐	100000.00	97519.331	3724404.21	238.0980	A	2.1
9	☐	500000.00	500244.05	19537329.4	1,219.922	A	2.3

$$y = 0.0024 * x + 0.3503$$

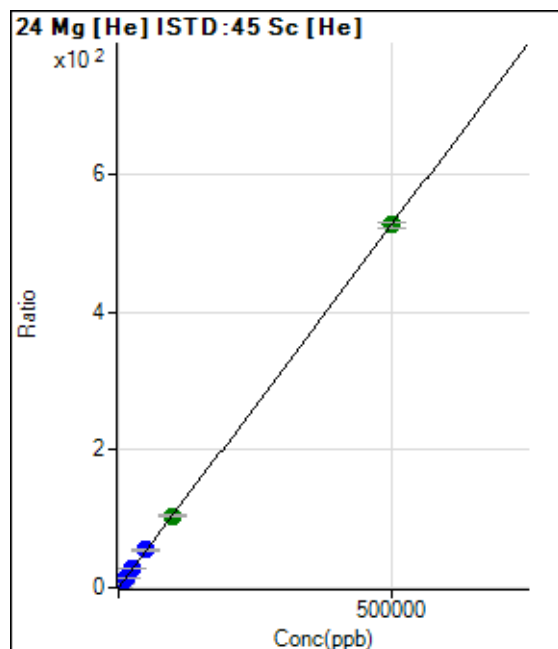
$$R = 1.0000$$

$$DL = 16.48$$

$$BEC = 143.7$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.01	0.0153	P	5.7
2	☐	50.000					
3	☐	500.000	466.066	9514.73	0.5061	P	3.1
4	☐	5000.000	5105.872	97759.93	5.3927	P	0.6
5	☐	12500.000	12402.115	233608.38	13.0771	P	0.3
6	☐	25000.000	26098.736	445551.01	27.5023	P	5.3
7	☐	50000.000	51701.297	822519.00	54.4667	P	5.8
8	☐	100000.00	99307.510	1636336.56	104.6052	A	1.6
9	☐	500000.00	499914.85	8432969.98	526.5216	A	1.9

$$y = 0.0011 * x + 0.0153$$

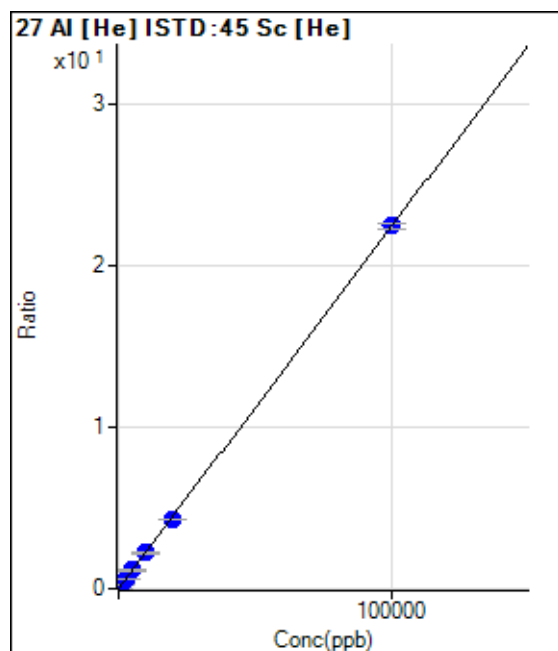
$$R = 1.0000$$

$$DL = 2.492$$

$$BEC = 14.51$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0013	P	33.3
2	☐	2.000					
3	☐	20.000	16.802	94.45	0.0050	P	40.6
4	☐	1000.000	1004.293	4100.78	0.2262	P	3.6
5	☐	2500.000	2455.424	9845.51	0.5511	P	1.2
6	☐	5000.000	5104.321	18526.67	1.1443	P	7.3
7	☐	10000.000	10018.517	33908.06	2.2448	P	5.2
8	☐	20000.000	19110.221	66958.49	4.2808	P	2.5
9	☐	100000.00	100171.96	359309.87	22.4338	P	1.8

$$y = 2.2394E-004 * x + 0.0013$$

$$R = 1.0000$$

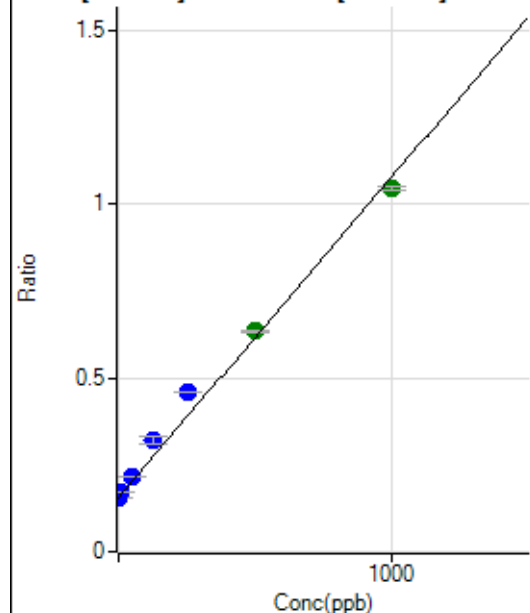
$$DL = 5.674$$

$$BEC = 5.687$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	361155.84	0.1564	P	1.4
2	☐	1.000					
3	☐	10.000	17.708	393190.02	0.1728	P	1.1
4	☐	50.000	65.598	490746.11	0.2169	P	1.1
5	☐	125.000	177.582	688160.66	0.3200	P	7.9
6	☐	250.000	330.429	1004339.81	0.4608	P	0.4
7	☐	500.000	518.547	1328133.65	0.6341	A	0.5
8	☐	1000.000	963.190	2170945.88	1.0437	A	1.2
9	☐			371762.98	0.1774	P	1.1

$$y = 9.2115\text{E-}004 * x + 0.1564$$

$$R = 0.9954$$

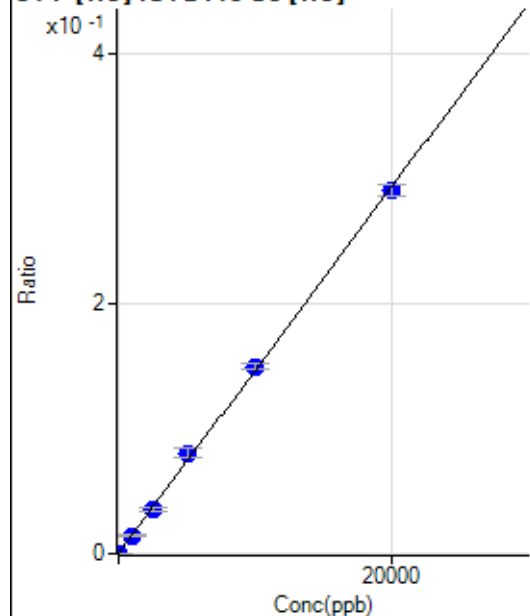
$$DL = 7.025$$

$$BEC = 169.8$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-5.335	2.78	0.0001	P	173.
2	☐	0.000					
3	☐	0.000	5.335	5.55	0.0003	P	86.6
4	☐	1000.000	979.888	263.90	0.0146	P	17.4
5	☐	2500.000	2407.191	633.38	0.0354	P	9.3
6	☐	5000.000	5484.994	1302.89	0.0805	P	9.1
7	☐	10000.000	10191.932	2258.62	0.1493	P	3.2
8	☐	20000.000	19795.392	4534.27	0.2899	P	3.1
9	☐			5.56	0.0003	P	173.

$$y = 1.4632\text{E-}005 * x + 2.1863\text{E-}004$$

$$R = 0.9995$$

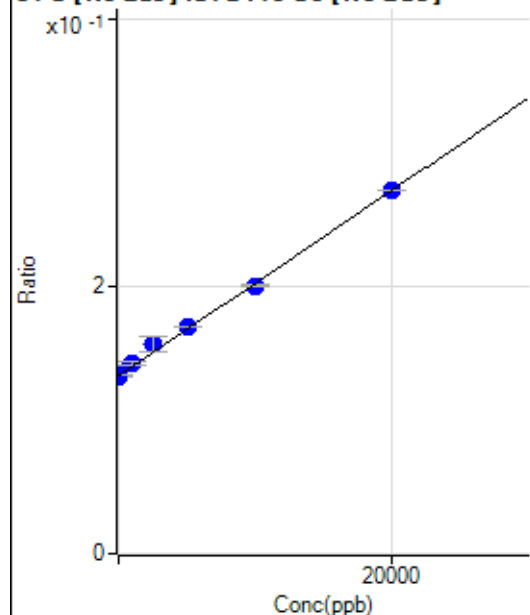
$$DL = 51.3$$

$$BEC = 14.94$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-85.889	305591.22	0.1324	P	1.3
2	☐	0.000					
3	☐	0.000	85.889	303995.70	0.1336	P	0.2
4	☐	1000.000	1369.293	322331.38	0.1424	P	1.4
5	☐	2500.000	3468.694	337583.06	0.1570	P	7.7
6	☐	5000.000	5223.273	368578.10	0.1691	P	0.2
7	☐	10000.000	9690.519	418960.64	0.2000	P	0.7
8	☐	20000.000	19959.371	563906.72	0.2711	P	0.1
9	☐			259760.42	0.1239	P	1.4

$$y = 6.9201\text{E-}006 * x + 0.1330$$

$$R = 0.9986$$

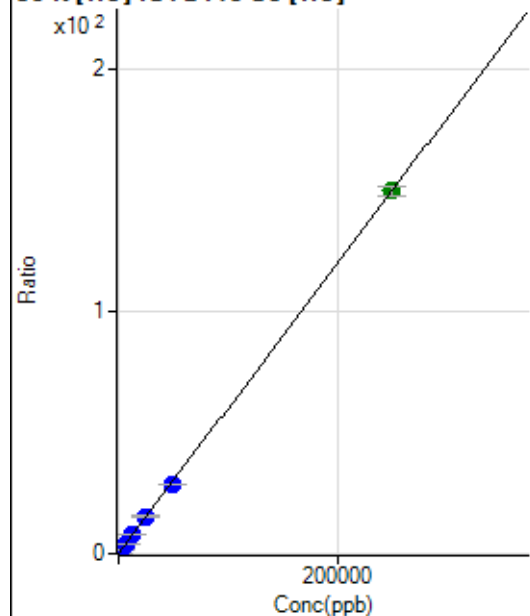
$$DL = 443.8$$

$$BEC = 1.921\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2205.83	0.1124	P	7.2
2	☐	50.000					
3	☐	500.000	462.173	7307.77	0.3887	P	2.4
4	☐	2500.000	2579.453	29994.11	1.6545	P	0.6
5	☐	6250.000	6267.175	68938.74	3.8592	P	0.2
6	☐	12500.000	12981.215	127553.93	7.8731	P	5.1
7	☐	25000.000	25293.205	230047.24	15.2337	P	5.9
8	☐	50000.000	47604.160	446941.15	28.5721	P	2.0
9	☐	250000.00	250424.63	2399354.07	149.8267	A	2.8

$$y = 5.9784\text{E-}004 * x + 0.1124$$

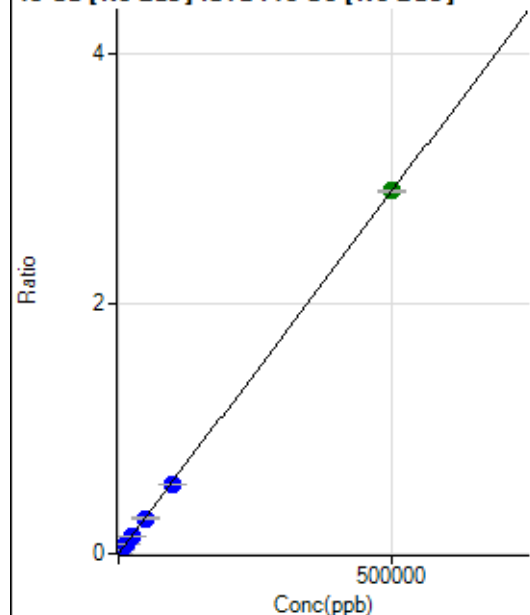
$$R = 0.9999$$

$$DL = 40.46$$

$$BEC = 188$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	752.83	0.0003	P	6.3
2	☐	50.000					
3	☐	500.000	446.501	6632.45	0.0029	P	1.5
4	☐	5000.000	4877.668	64710.83	0.0286	P	1.5
5	☐	12500.000	12686.200	158903.49	0.0739	P	6.7
6	☐	25000.000	24283.117	307450.33	0.1411	P	0.8
7	☐	50000.000	48957.869	595011.99	0.2841	P	0.5
8	☐	100000.00	96516.039	1164302.50	0.5597	P	0.5
9	☐	500000.00	500833.47	6084400.92	2.9031	A	0.6

$$y = 5.7960\text{E-}006 * x + 3.2623\text{E-}004$$

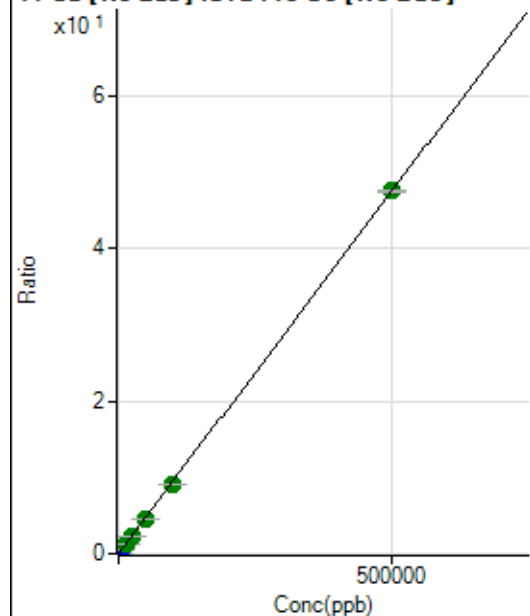
$$R = 1.0000$$

$$DL = 10.59$$

$$BEC = 56.29$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13771.23	0.0060	P	2.5
2	☐	50.000					
3	☐	500.000	439.147	108526.07	0.0477	P	1.7
4	☐	5000.000	4867.197	1059777.15	0.4683	P	1.1
5	☐	12500.000	12722.661	2611350.47	1.2146	A	8.3
6	☐	25000.000	24294.353	5043007.27	2.3139	A	0.2
7	☐	50000.000	48834.416	9729217.49	4.6451	A	0.4
8	☐	100000.00	95916.397	18965703.0	9.1178	A	0.7
9	☐	500000.00	500964.38	99752337.6	47.5963	A	0.9

$$y = 9.4997\text{E-}005 * x + 0.0060$$

$$R = 1.0000$$

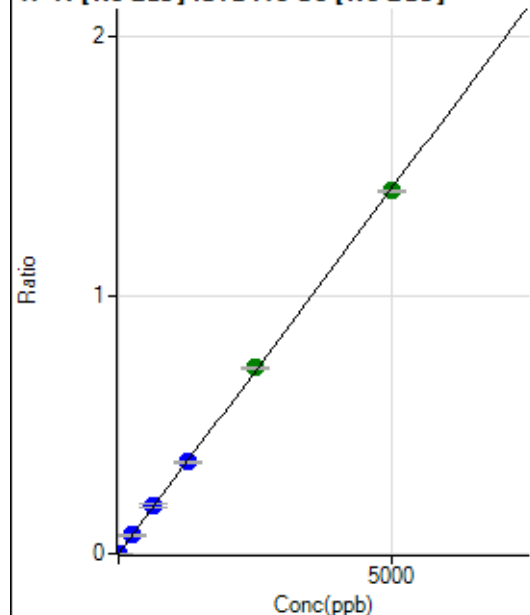
$$DL = 4.796$$

$$BEC = 62.8$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0000	P	25.7
2	☐	0.500					
3	☐	5.000	4.569	2994.90	0.0013	P	4.9
4	☐	250.000	250.536	160181.14	0.0708	P	1.4
5	☐	625.000	651.648	395838.59	0.1841	P	7.8
6	☐	1250.000	1253.614	771727.15	0.3541	P	0.6
7	☐	2500.000	2549.703	1508433.63	0.7202	A	0.7
8	☐	5000.000	4970.888	2920501.37	1.4040	A	0.5
9	☐			550.04	0.0003	P	17.7

$$y = 2.8244\text{E-}004 * x + 2.5319\text{E-}005$$

$$R = 0.9999$$

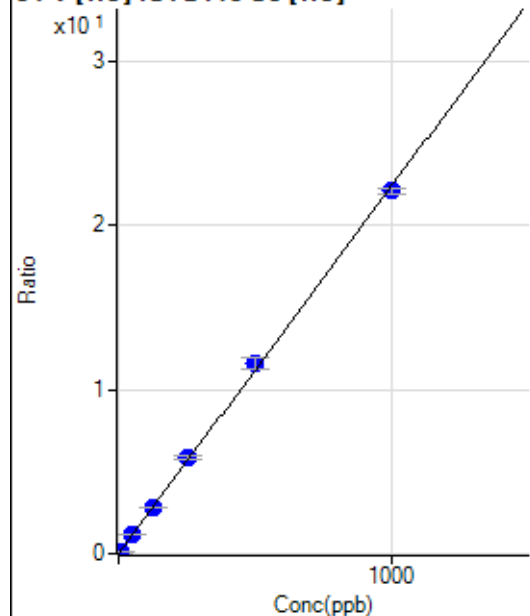
$$DL = 0.06911$$

$$BEC = 0.08964$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0002	P	100.
2	☐	0.500					
3	☐	5.000	4.622	1945.72	0.1035	P	3.5
4	☐	50.000	50.807	20598.69	1.1363	P	1.1
5	☐	125.000	124.200	49616.55	2.7776	P	1.0
6	☐	250.000	260.845	94507.62	5.8332	P	5.2
7	☐	500.000	520.062	175624.23	11.6299	P	5.9
8	☐	1000.000	987.320	345377.44	22.0788	P	1.6
9	☐			73.34	0.0046	P	24.0

$$y = 0.0224 * x + 1.6897\text{E-}004$$

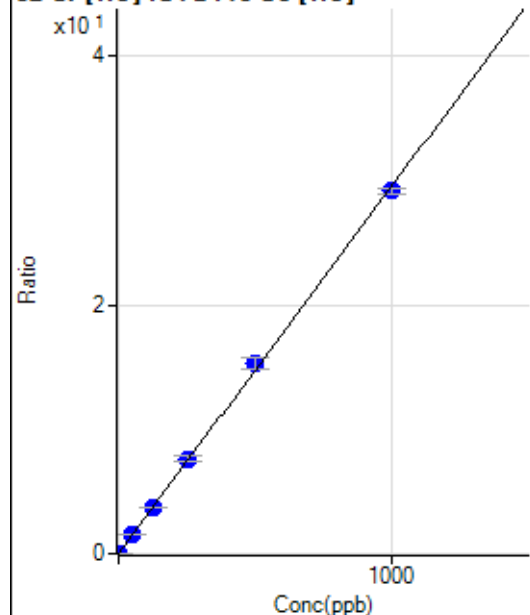
$$R = 0.9996$$

$$DL = 0.02269$$

$$BEC = 0.007556$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	213.34	0.0109	P	7.6
2	☐	0.200					
3	☐	2.000	1.935	1276.75	0.0679	P	5.1
4	☐	50.000	50.273	27058.60	1.4926	P	0.2
5	☐	125.000	124.291	65635.20	3.6742	P	0.8
6	☐	250.000	258.189	123447.13	7.6206	P	5.6
7	☐	500.000	519.513	231384.94	15.3228	P	5.9
8	☐	1000.000	988.271	455822.11	29.1388	P	1.5
9	☐			5650.14	0.3528	P	2.2

$$y = 0.0295 * x + 0.0109$$

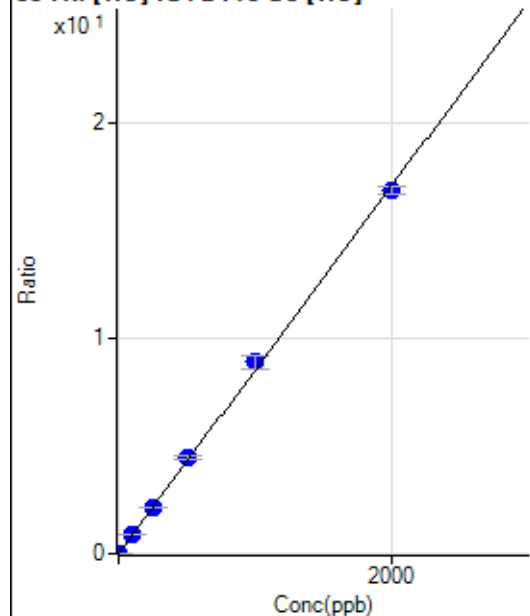
$$R = 0.9997$$

$$DL = 0.08428$$

$$BEC = 0.3685$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.33	0.0007	P	24.3
2	☐	0.100					
3	☐	1.000	0.959	166.67	0.0089	P	15.2
4	☐	100.000	102.040	15818.02	0.8726	P	1.9
5	☐	250.000	250.295	38219.00	2.1395	P	1.0
6	☐	500.000	522.168	72290.45	4.4627	P	5.6
7	☐	1000.000	1041.163	134340.91	8.8975	P	6.4
8	☐	2000.000	1973.737	263830.47	16.8665	P	2.0
9	☐			744.48	0.0465	P	5.6

$$y = 0.0085 * x + 6.7820E-004$$

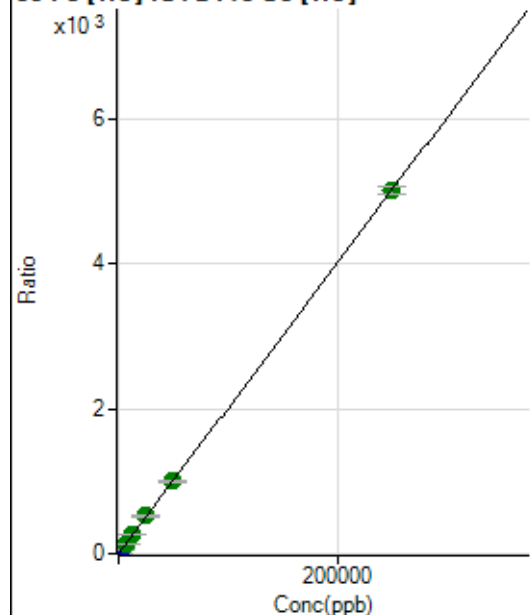
$$R = 0.9996$$

$$DL = 0.05781$$

$$BEC = 0.07937$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1085.26	0.0553	P	7.7
2	☐	5.000					
3	☐	50.000	46.958	18709.26	0.9954	P	2.7
4	☐	2500.000	2539.491	922570.10	50.8944	P	1.2
5	☐	6250.000	6347.209	2270843.02	127.1227	A	0.7
6	☐	12500.000	13270.036	4304260.57	265.7137	A	5.8
7	☐	25000.000	26150.739	7907868.41	523.5779	A	5.4
8	☐	50000.000	49903.922	15629004.9	999.1029	A	1.5
9	☐	250000.00	249862.81	80112981.4	5,002.163	A	2.1

$$y = 0.0200 * x + 0.0553$$

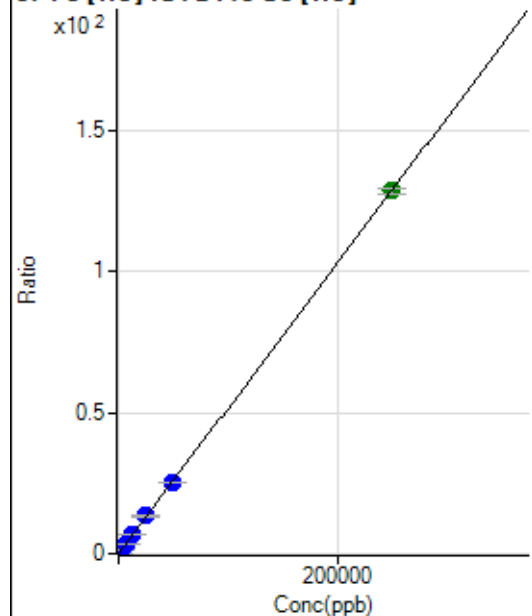
$$R = 1.0000$$

$$DL = 0.6366$$

$$BEC = 2.762$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.37	0.0010	P	32.5
2	☐	5.000					
3	☐	50.000	53.159	533.36	0.0284	P	13.3
4	☐	2500.000	2495.448	23295.83	1.2850	P	1.5
5	☐	6250.000	6077.996	55880.68	3.1282	P	1.0
6	☐	12500.000	13041.732	108702.02	6.7112	P	5.9
7	☐	25000.000	26016.889	202131.42	13.3870	P	6.4
8	☐	50000.000	49058.387	394866.94	25.2422	P	1.5
9	☐	250000.00	250063.89	2060660.29	128.6619	A	1.9

$$y = 5.1451E-004 * x + 0.0010$$

$$R = 1.0000$$

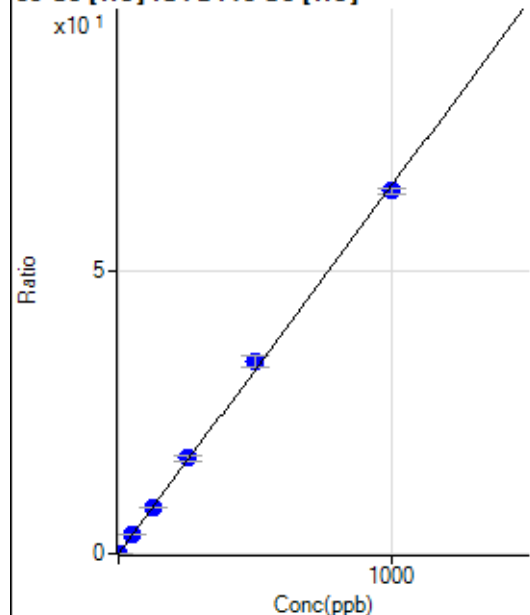
$$DL = 1.969$$

$$BEC = 2.021$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.78	0.0024	P	42.7
2	☐	0.100					
3	☐	1.000	0.937	1192.29	0.0634	P	4.7
4	☐	50.000	50.618	59758.82	3.2965	P	0.8
5	☐	125.000	123.616	143748.56	8.0470	P	0.8
6	☐	250.000	260.116	274259.44	16.9301	P	5.4
7	☐	500.000	522.606	513557.69	34.0123	P	6.2
8	☐	1000.000	986.310	1004123.12	64.1889	P	1.4
9	☐			1205.63	0.0753	P	7.2

$$y = 0.0651 * x + 0.0024$$

$$R = 0.9995$$

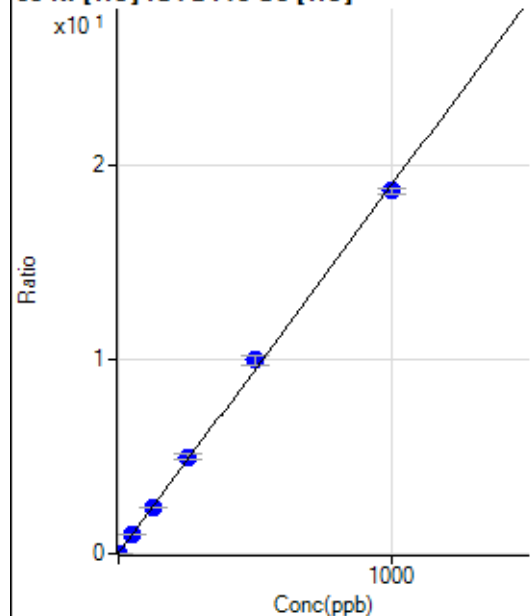
$$DL = 0.04804$$

$$BEC = 0.03747$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	354.45	0.0181	P	9.5
2	☐	0.100					
3	☐	1.000	0.854	643.36	0.0342	P	3.1
4	☐	50.000	51.077	17851.61	0.9847	P	1.7
5	☐	125.000	125.170	42640.80	2.3870	P	1.0
6	☐	250.000	261.560	80493.26	4.9683	P	5.1
7	☐	500.000	524.798	150304.11	9.9504	P	5.1
8	☐	1000.000	984.636	291793.60	18.6532	P	1.5
9	☐			2630.30	0.1641	P	4.8

$$y = 0.0189 * x + 0.0181$$

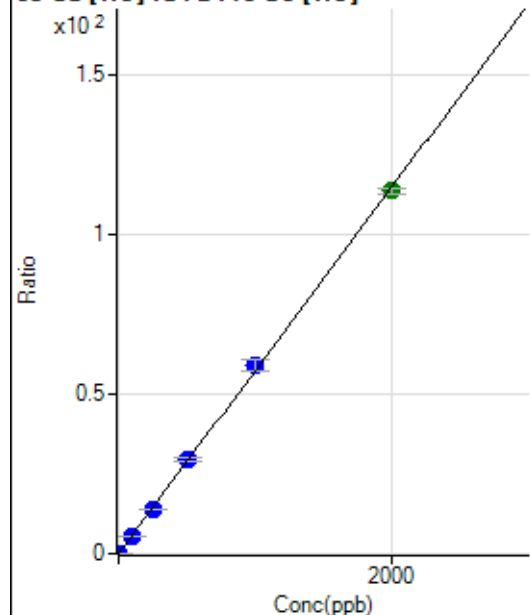
$$R = 0.9994$$

$$DL = 0.2707$$

$$BEC = 0.9543$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0054	P	12.9
2	☐	0.200					
3	☐	2.000	1.897	2146.87	0.1142	P	3.2
4	☐	100.000	99.069	103111.81	5.6880	P	0.6
5	☐	250.000	243.417	249508.27	13.9678	P	0.9
6	☐	500.000	514.470	478151.19	29.5155	P	5.4
7	☐	1000.000	1032.044	894073.66	59.2036	P	5.8
8	☐	2000.000	1981.230	1777836.05	113.6491	A	1.5
9	☐			2356.98	0.1472	P	7.4

$$y = 0.0574 * x + 0.0054$$

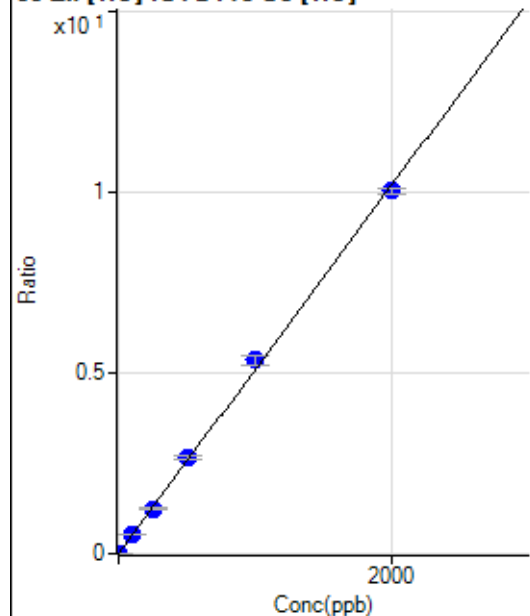
$$R = 0.9998$$

$$DL = 0.03629$$

$$BEC = 0.0938$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.56	0.0013	P	58.5
2	☐	0.200					
3	☐	2.000	1.798	196.67	0.0105	P	15.8
4	☐	100.000	102.797	9522.30	0.5254	P	3.0
5	☐	250.000	244.870	22324.86	1.2497	P	1.5
6	☐	500.000	520.616	43027.83	2.6554	P	4.6
7	☐	1000.000	1049.942	80859.47	5.3540	P	5.6
8	☐	2000.000	1970.377	157153.96	10.0464	P	1.7
9	☐			595.58	0.0372	P	8.7

$$y = 0.0051 * x + 0.0013$$

$$R = 0.9994$$

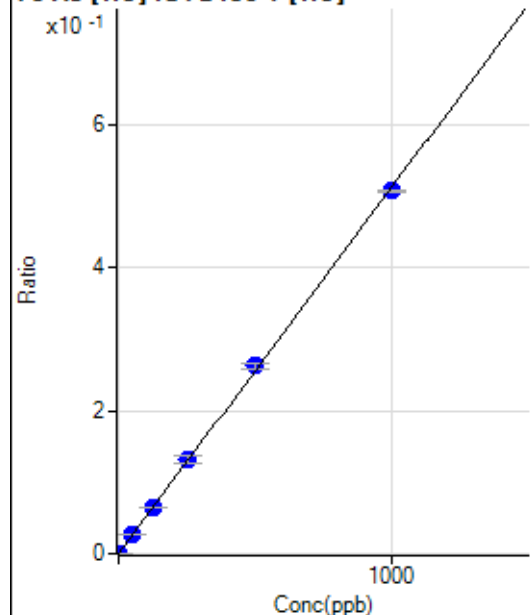
$$DL = 0.448$$

$$BEC = 0.2553$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.85	0.0000	P	0.5
2	☐	0.100					
3	☐	1.000	1.122	79.63	0.0006	P	12.4
4	☐	50.000	50.648	3501.10	0.0260	P	0.5
5	☐	125.000	127.816	8566.91	0.0655	P	0.7
6	☐	250.000	257.602	16151.51	0.1321	P	6.6
7	☐	500.000	513.318	30726.73	0.2632	P	3.6
8	☐	1000.000	991.056	60404.12	0.5081	P	0.5
9	☐			24.69	0.0002	P	23.2

$$y = 5.1267\text{E-}004 * x + 1.3353\text{E-}005$$

$$R = 0.9998$$

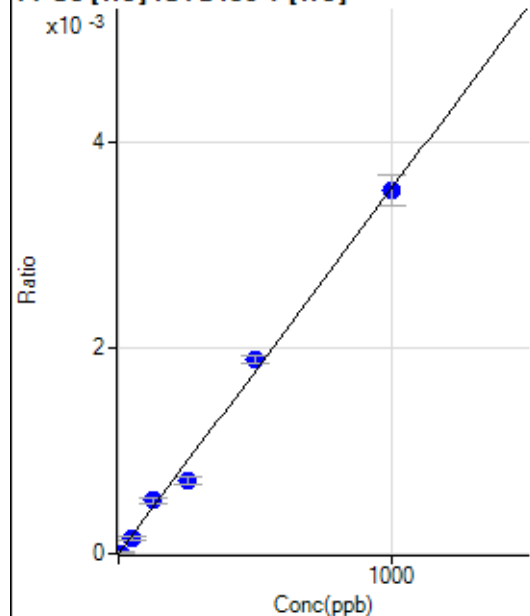
$$DL = 0.0003836$$

$$BEC = 0.02605$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	2.302	1.11	0.0000	P	173.
4	☐	50.000	43.973	21.11	0.0002	P	22.8
5	☐	125.000	145.864	67.78	0.0005	P	12.5
6	☐	250.000	201.334	87.78	0.0007	P	10.3
7	☐	500.000	531.989	221.12	0.0019	P	3.7
8	☐	1000.000	993.879	420.02	0.0035	P	8.5
9	☐			0.00	0.0000	P	

$$y = 3.5555\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9976$$

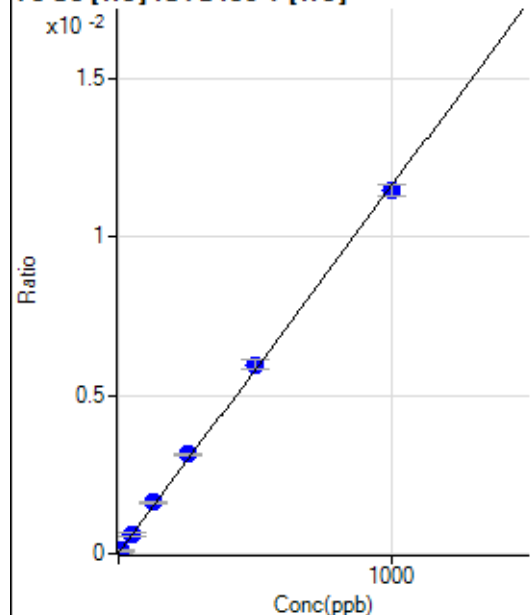
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.85	0.0000	P	99.9
2	☐	0.500					
3	☐	5.000	7.099	12.96	0.0001	P	24.4
4	☐	50.000	51.046	81.48	0.0006	P	25.2
5	☐	125.000	138.397	211.73	0.0016	P	2.3
6	☐	250.000	269.696	385.20	0.0031	P	2.5
7	☐	500.000	513.464	698.17	0.0060	P	4.9
8	☐	1000.000	986.606	1363.05	0.0115	P	3.3
9	☐			1.85	0.0000	P	173.

$$y = 1.1609\text{E-}005 * x + 1.3310\text{E-}005$$

$$R = 0.9996$$

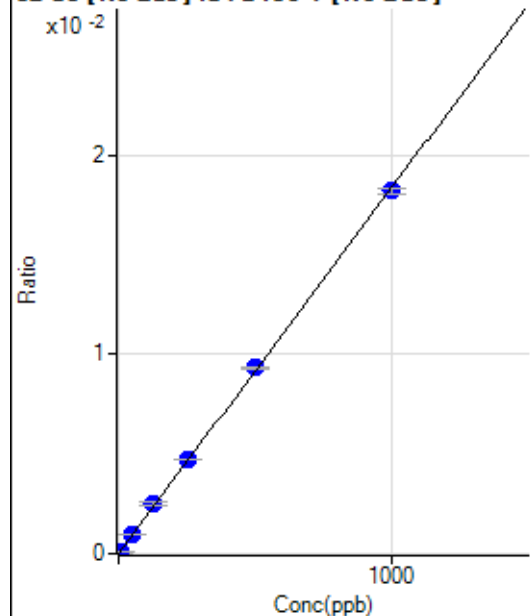
$$DL = 3.436$$

$$BEC = 1.147$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-59.59	0.0000	P	-61.
2	☐	0.500					
3	☐	5.000	5.550	390.34	0.0001	P	11.9
4	☐	50.000	53.493	4297.53	0.0010	P	2.6
5	☐	125.000	136.428	10508.44	0.0025	P	7.8
6	☐	250.000	258.734	20707.83	0.0047	P	0.3
7	☐	500.000	508.278	40246.62	0.0093	P	1.0
8	☐	1000.000	992.072	78895.53	0.0182	P	1.4
9	☐			82.26	0.0000	P	26.2

$$y = 1.8371\text{E-}005 * x - 1.3107\text{E-}005$$

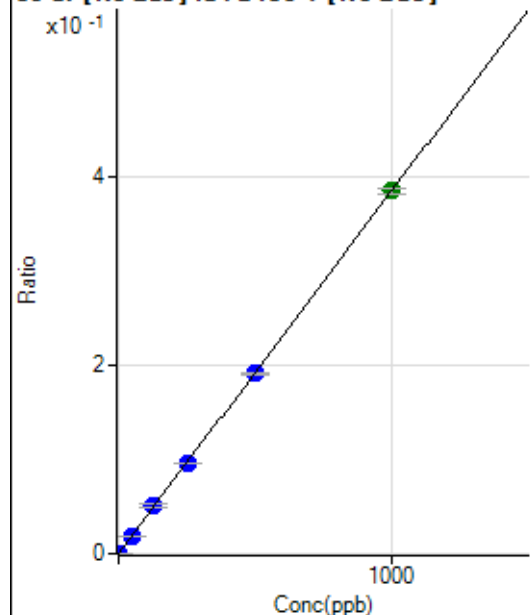
$$R = 0.9999$$

$$DL = 1.32$$

$$BEC = -0.7134$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	438.92	0.0001	P	4.0
2	☐	0.100					
3	☐	1.000	1.008	2130.82	0.0005	P	2.6
4	☐	50.000	50.037	85889.66	0.0194	P	0.4
5	☐	125.000	130.903	212983.41	0.0505	P	7.8
6	☐	250.000	249.862	420996.30	0.0964	P	0.5
7	☐	500.000	497.179	827245.45	0.1917	P	0.6
8	☐	1000.000	1000.705	1670625.68	0.3857	A	1.9
9	☐			57421.72	0.0134	P	0.4

$$y = 3.8530E-004 * x + 9.6494E-005$$

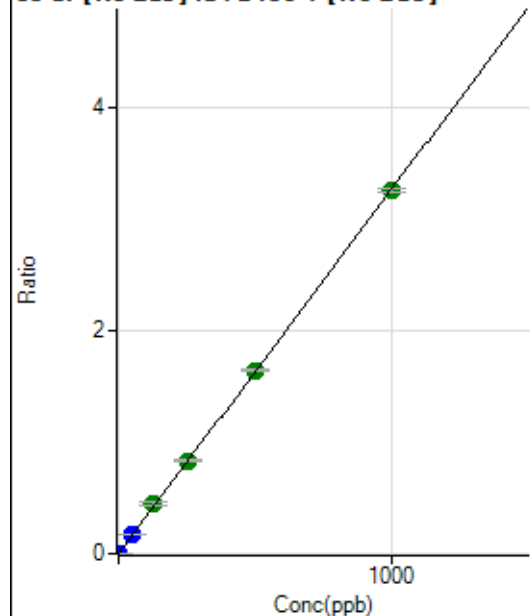
$$R = 1.0000$$

$$DL = 0.02992$$

$$BEC = 0.2504$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22	0.0000	P	6.3
2	☐	0.100					
3	☐	1.000	0.973	14052.25	0.0032	P	3.4
4	☐	50.000	51.043	739977.45	0.1669	P	0.5
5	☐	125.000	135.042	1861528.10	0.4416	A	7.5
6	☐	250.000	255.813	3654426.34	0.8366	A	1.4
7	☐	500.000	502.541	7093195.30	1.6434	A	0.7
8	☐	1000.000	995.969	14109723.7	3.2570	A	1.2
9	☐			486598.58	0.1138	P	0.8

$$y = 0.0033 * x + 1.5875E-005$$

$$R = 0.9999$$

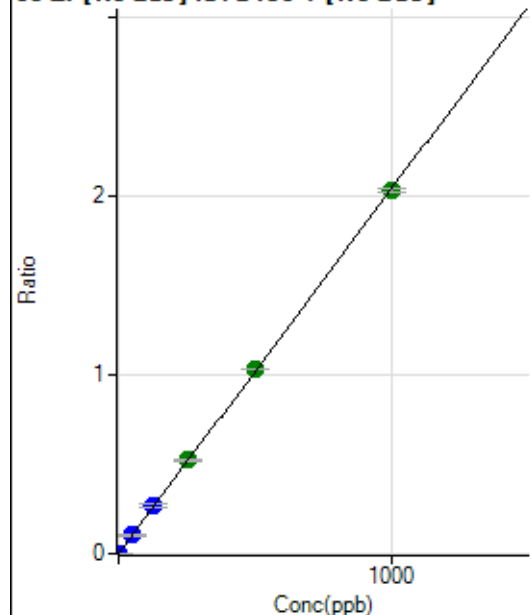
$$DL = 0.000918$$

$$BEC = 0.004855$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	258.35	0.0001	P	8.9
2	☐	0.100					
3	☐	1.000	0.968	8931.14	0.0020	P	1.5
4	☐	50.000	50.169	454332.77	0.1025	P	1.0
5	☐	125.000	131.875	1135529.48	0.2693	P	7.1
6	☐	250.000	256.504	2288148.44	0.5238	A	2.0
7	☐	500.000	506.226	4461723.32	1.0337	A	0.6
8	☐	1000.000	994.393	8796330.23	2.0305	A	0.9
9	☐			1694.62	0.0004	P	2.7

$$y = 0.0020 * x + 5.6808E-005$$

$$R = 0.9999$$

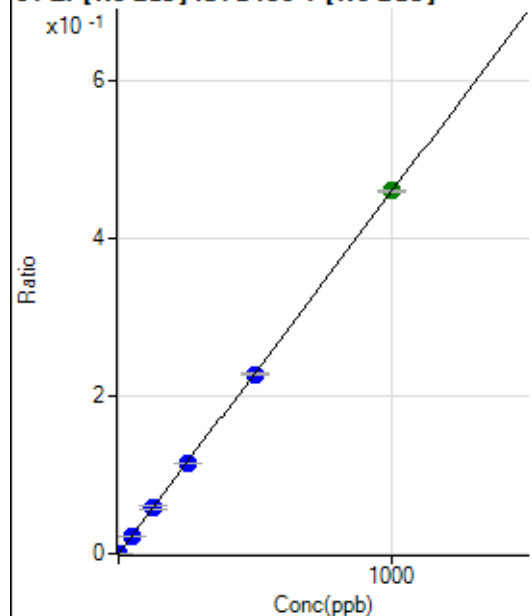
$$DL = 0.007399$$

$$BEC = 0.02782$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	61.3
2	☐	0.100					
3	☐	1.000	0.885	1852.99	0.0004	P	5.9
4	☐	50.000	49.572	100945.33	0.0228	P	1.8
5	☐	125.000	129.445	250473.06	0.0594	P	8.5
6	☐	250.000	248.704	498871.46	0.1142	P	1.0
7	☐	500.000	494.911	980800.88	0.2272	P	0.7
8	☐	1000.000	1002.334	1993737.11	0.4602	A	0.7
9	☐			375.02	0.0001	P	15.0

$$y = 4.5912E-004 * x + 1.5245E-005$$

$$R = 1.0000$$

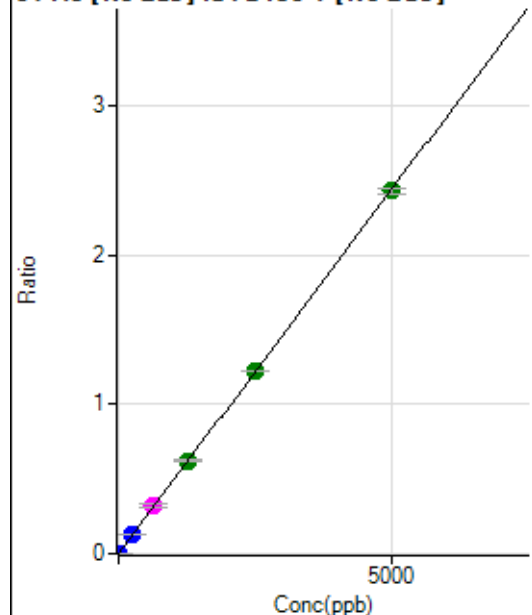
$$DL = 0.06104$$

$$BEC = 0.0332$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0000	P	23.8
2	☐	0.500					
3	☐	5.000	4.727	10223.72	0.0023	P	2.4
4	☐	250.000	252.640	545573.33	0.1231	P	1.2
5	☐	625.000	663.945	1363542.55	0.3234	M	7.2
6	☐	1250.000	1278.708	2720957.14	0.6229	A	1.2
7	☐	2500.000	2511.642	5280559.84	1.2234	A	0.3
8	☐	5000.000	4982.002	10512156.5	2.4267	A	1.6
9	☐			4281.45	0.0010	P	2.2

$$y = 4.8709\text{E-}004 * x + 2.4419\text{E-}005$$

$$R = 1.0000$$

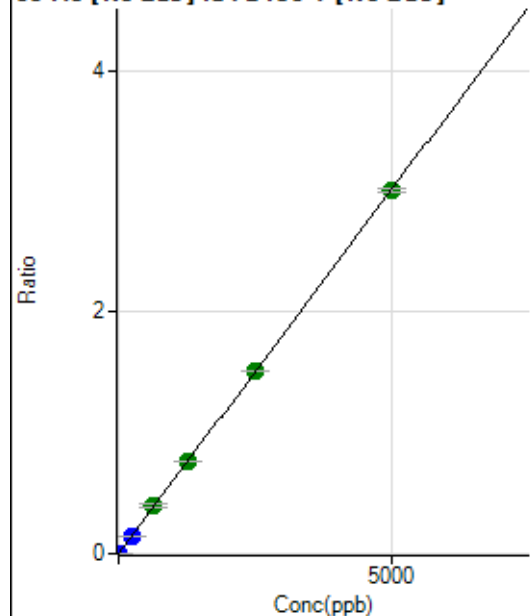
$$DL = 0.03583$$

$$BEC = 0.05013$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	25.1
2	☐	0.500					
3	☐	5.000	4.680	12428.46	0.0028	P	0.6
4	☐	250.000	249.402	666446.89	0.1503	P	0.7
5	☐	625.000	662.454	1684160.24	0.3993	A	6.4
6	☐	1250.000	1274.580	3356396.35	0.7683	A	0.9
7	☐	2500.000	2511.241	6533877.06	1.5138	A	0.5
8	☐	5000.000	4983.583	13014057.0	3.0041	A	1.0
9	☐			6932.62	0.0016	P	2.9

$$y = 6.0280\text{E-}004 * x + 7.3297\text{E-}006$$

$$R = 1.0000$$

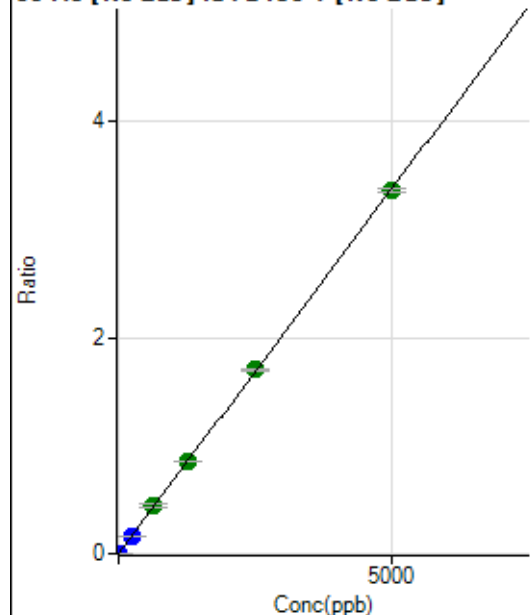
$$DL = 0.009147$$

$$BEC = 0.01216$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	39.6
2	☐	0.500					
3	☐	5.000	4.648	13824.28	0.0031	P	1.4
4	☐	250.000	248.508	742531.98	0.1675	P	1.0
5	☐	625.000	667.078	1895280.49	0.4496	A	7.6
6	☐	1250.000	1268.864	3736277.99	0.8553	A	0.3
7	☐	2500.000	2526.116	7349127.25	1.7027	A	0.6
8	☐	5000.000	4977.041	14532578.8	3.3547	A	1.0
9	☐			8327.92	0.0019	P	1.3

$$y = 6.7403\text{E-}004 * x + 1.3445\text{E-}005$$

$$R = 0.9999$$

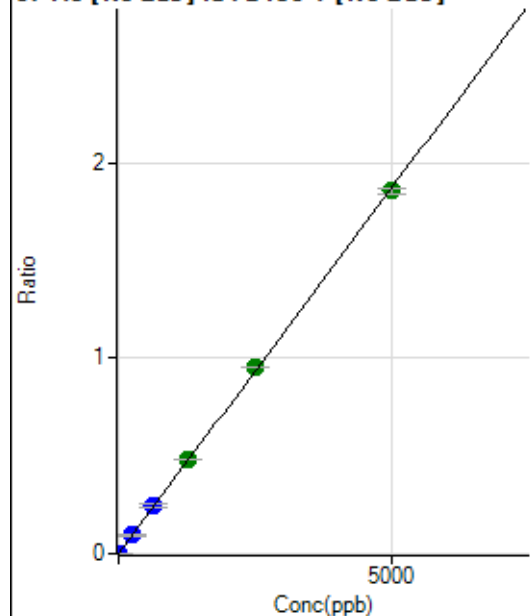
$$DL = 0.02368$$

$$BEC = 0.01995$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	20.3
2	☐	0.500					
3	☐	5.000	4.527	7471.84	0.0017	P	2.0
4	☐	250.000	251.166	415983.54	0.0938	P	1.1
5	☐	625.000	657.289	1035360.86	0.2456	P	7.1
6	☐	1250.000	1281.713	2091928.04	0.4789	A	0.6
7	☐	2500.000	2548.379	4109477.18	0.9521	A	0.7
8	☐	5000.000	4963.788	8033400.18	1.8545	A	1.7
9	☐			4014.68	0.0009	P	5.2

$$y = 3.7361\text{E-}004 * x + 9.1634\text{E-}006$$

$$R = 0.9999$$

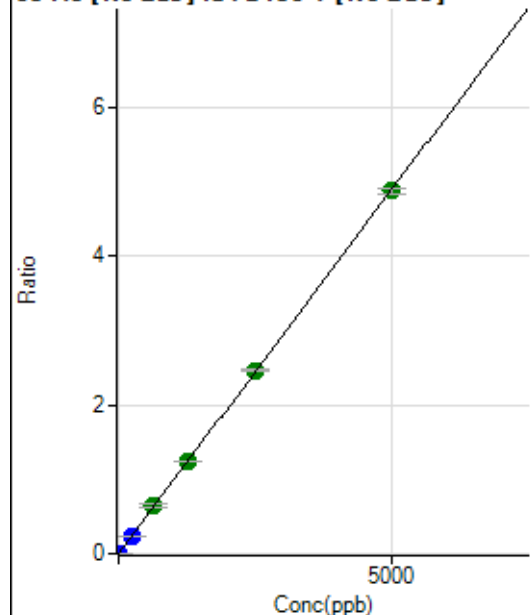
$$DL = 0.01493$$

$$BEC = 0.02453$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	53.3
2	☐	0.500					
3	☐	5.000	4.497	19358.93	0.0044	P	1.1
4	☐	250.000	247.744	1073601.21	0.2422	P	1.2
5	☐	625.000	664.899	2740458.66	0.6500	A	7.2
6	☐	1250.000	1263.071	5394349.03	1.2348	A	1.0
7	☐	2500.000	2512.612	10602418.3	2.4564	A	1.0
8	☐	5000.000	4985.552	21113924.9	4.8740	A	1.2
9	☐			9937.39	0.0023	P	1.2

$$y = 9.7762\text{E-}004 * x + 9.1712\text{E-}006$$

$$R = 1.0000$$

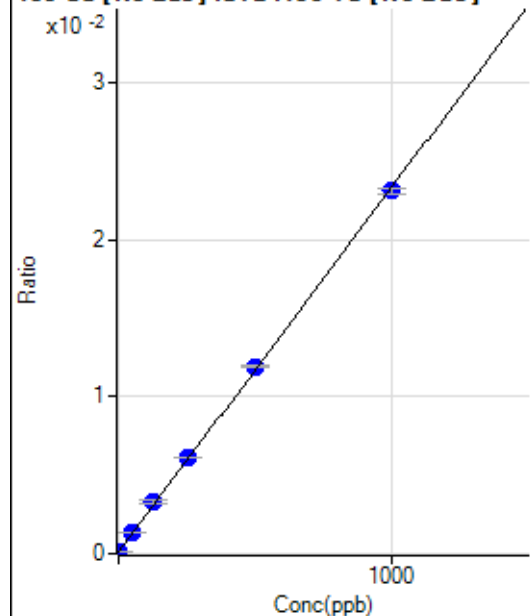
$$DL = 0.01501$$

$$BEC = 0.009381$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	627.82	0.0001	P	9.5
2	☐	0.100					
3	☐	1.000	1.424	786.17	0.0001	P	11.5
4	☐	50.000	52.823	7635.88	0.0013	P	1.9
5	☐	125.000	139.614	18354.93	0.0034	P	7.9
6	☐	250.000	260.177	35870.90	0.0062	P	1.0
7	☐	500.000	508.899	70211.04	0.0119	P	1.0
8	☐	1000.000	991.038	136847.22	0.0231	P	1.9
9	☐			830.62	0.0001	P	11.2

$$y = 2.3239\text{E-}005 * x + 1.0659\text{E-}004$$

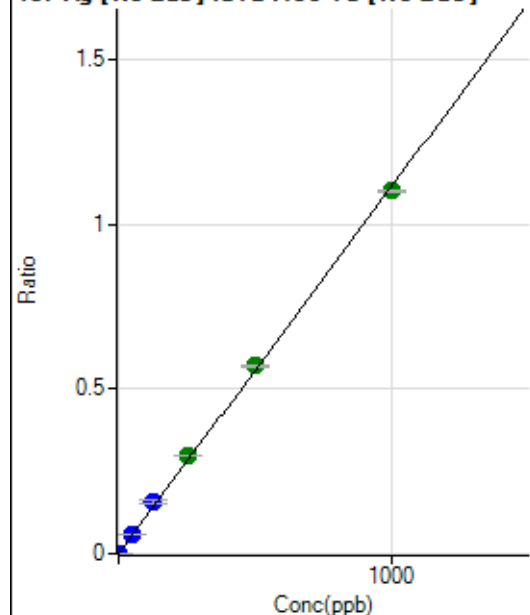
$$R = 0.9998$$

$$DL = 1.304$$

$$BEC = 4.587$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	41.4
2	☐	0.100					
3	☐	1.000	0.991	6273.99	0.0011	P	6.9
4	☐	50.000	53.264	339510.09	0.0593	P	1.0
5	☐	125.000	139.351	850128.17	0.1552	P	7.3
6	☐	250.000	265.372	1722716.01	0.2955	A	0.5
7	☐	500.000	511.713	3352378.38	0.5698	A	0.8
8	☐	1000.000	988.344	6508810.61	1.1005	A	0.6
9	☐			522.26	0.0001	P	13.1

$$y = 0.0011 * x + 1.0827E-005$$

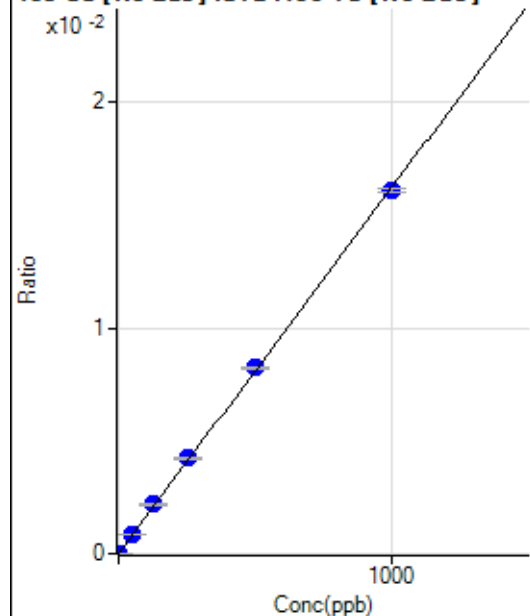
$$R = 0.9997$$

$$DL = 0.01209$$

$$BEC = 0.009724$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.17	0.0000	P	100.
2	☐	0.100					
3	☐	1.000	1.006	95.83	0.0000	P	14.7
4	☐	50.000	53.207	4941.28	0.0009	P	2.6
5	☐	125.000	134.346	11943.00	0.0022	P	6.5
6	☐	250.000	261.726	24742.46	0.0042	P	1.4
7	☐	500.000	507.820	48446.71	0.0082	P	0.6
8	☐	1000.000	991.830	95114.14	0.0161	P	0.9
9	☐			19.44	0.0000	P	33.0

$$y = 1.6213E-005 * x + 7.1233E-007$$

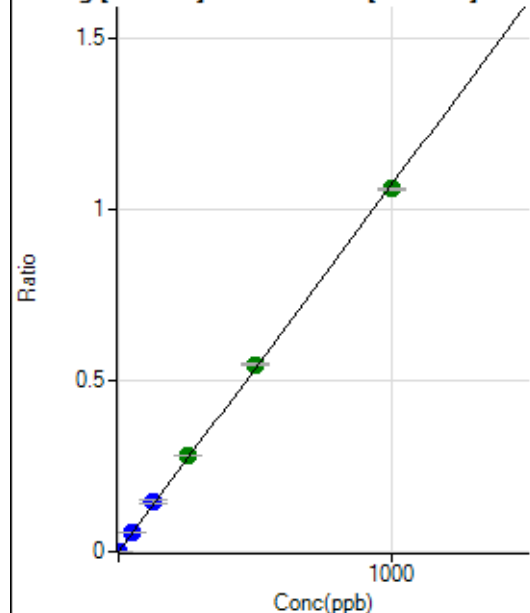
$$R = 0.9999$$

$$DL = 0.1323$$

$$BEC = 0.04394$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	52.0
2	☐	0.100					
3	☐	1.000	0.975	5932.12	0.0011	P	2.7
4	☐	50.000	52.700	323620.55	0.0565	P	1.4
5	☐	125.000	137.601	808875.64	0.1476	P	6.9
6	☐	250.000	263.795	1649836.86	0.2830	A	0.3
7	☐	500.000	510.954	3225010.01	0.5481	A	0.7
8	☐	1000.000	989.364	6277477.70	1.0613	A	0.4
9	☐			480.59	0.0001	P	14.2

$$y = 0.0011 * x + 8.0456E-006$$

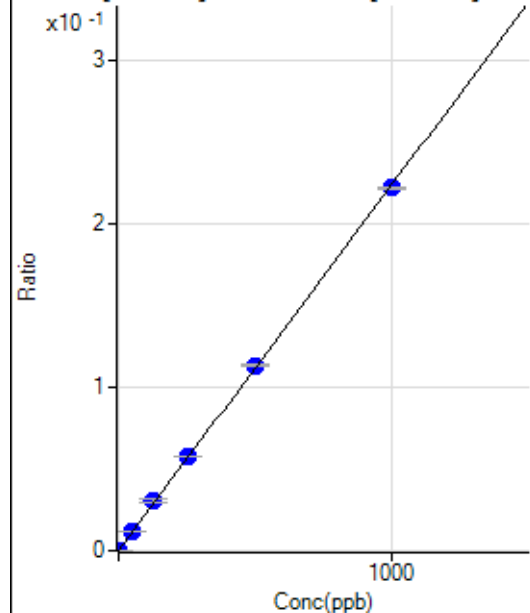
$$R = 0.9998$$

$$DL = 0.01169$$

$$BEC = 0.0075$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	257.93	0.0000	P	11.7
2	☐	0.100					
3	☐	1.000	0.939	1428.02	0.0003	P	6.4
4	☐	50.000	52.782	67800.82	0.0118	P	0.3
5	☐	125.000	138.975	170475.86	0.0311	P	7.3
6	☐	250.000	258.756	337550.29	0.0579	P	0.4
7	☐	500.000	506.743	666887.32	0.1133	P	1.3
8	☐	1000.000	992.553	1312851.54	0.2220	P	0.6
9	☐			564.48	0.0001	P	10.4

$$y = 2.2359E-004 * x + 4.3783E-005$$

$$R = 0.9999$$

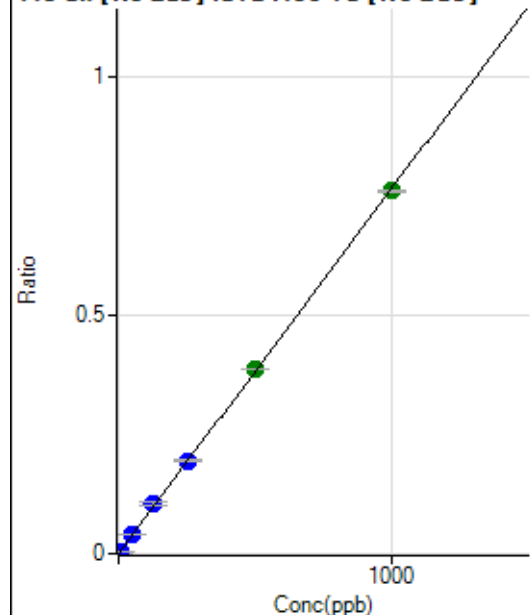
$$DL = 0.06895$$

$$BEC = 0.1958$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	416.70	0.0001	P	16.8
2	☐	0.500					
3	☐	5.000	4.794	21014.52	0.0037	P	2.9
4	☐	50.000	51.468	225458.10	0.0394	P	1.0
5	☐	125.000	135.479	567499.84	0.1036	P	6.9
6	☐	250.000	254.542	1134040.49	0.1945	P	0.9
7	☐	500.000	505.959	2274560.94	0.3866	A	0.8
8	☐	1000.000	994.503	4493898.15	0.7598	A	0.3
9	☐			4851.12	0.0008	P	1.6

$$y = 7.6392\text{E-}004 * x + 7.0758\text{E-}005$$

$$R = 0.9999$$

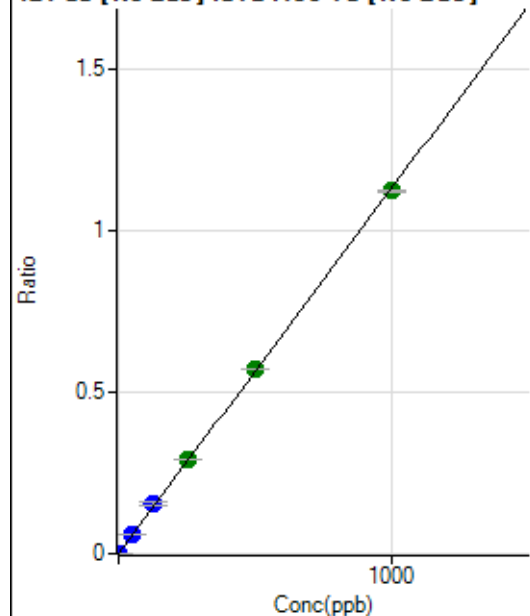
$$DL = 0.04661$$

$$BEC = 0.09263$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.90	0.0000	P	66.5
2	☐	0.200					
3	☐	2.000	1.890	12100.48	0.0021	P	1.4
4	☐	50.000	51.052	330040.70	0.0577	P	0.5
5	☐	125.000	135.350	837262.24	0.1528	P	7.6
6	☐	250.000	259.813	1710422.48	0.2934	A	0.5
7	☐	500.000	505.640	3359394.65	0.5710	A	0.5
8	☐	1000.000	993.381	6634444.85	1.1217	A	0.3
9	☐			7299.55	0.0013	P	1.9

$$y = 0.0011 * x + 1.5134\text{E-}005$$

$$R = 0.9999$$

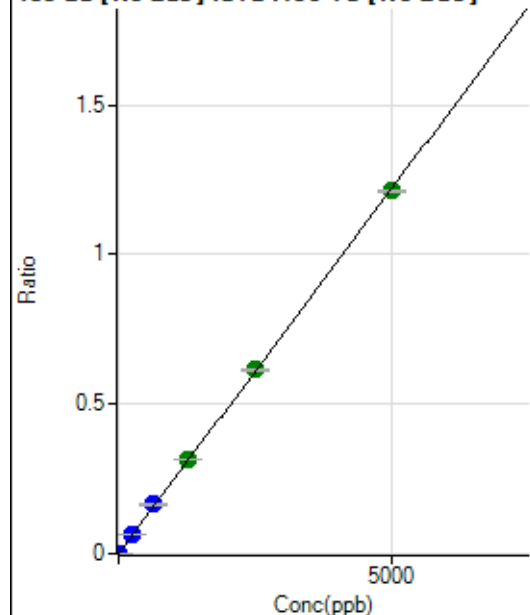
$$DL = 0.02674$$

$$BEC = 0.0134$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	50.1
2	☐	1.000					
3	☐	10.000	9.471	13015.34	0.0023	P	2.9
4	☐	250.000	256.026	357286.27	0.0624	P	1.3
5	☐	625.000	672.339	897944.30	0.1639	P	7.6
6	☐	1250.000	1289.428	1832839.32	0.3144	A	0.4
7	☐	2500.000	2520.030	3614978.55	0.6144	A	0.9
8	☐	5000.000	4973.910	7172585.84	1.2127	A	0.7
9	☐			1961.37	0.0003	P	7.0

$$y = 2.4381\text{E-}004 * x + 2.8344\text{E-}006$$

$$R = 0.9999$$

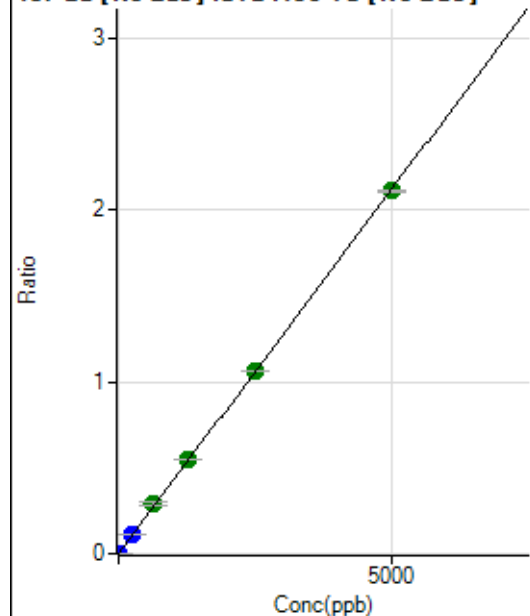
$$DL = 0.01746$$

$$BEC = 0.01163$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	54.3
2	☐	1.000					
3	☐	10.000	9.341	22302.89	0.0040	P	1.9
4	☐	250.000	257.962	625233.18	0.1092	P	1.1
5	☐	625.000	685.180	1589954.56	0.2901	A	6.7
6	☐	1250.000	1290.799	3186498.77	0.5466	A	1.1
7	☐	2500.000	2501.723	6232934.95	1.0593	A	0.4
8	☐	5000.000	4981.019	12475030.8	2.1092	A	0.2
9	☐			3581.22	0.0006	P	3.3

$$y = 4.2344\text{E-}004 * x + 6.1541\text{E-}006$$

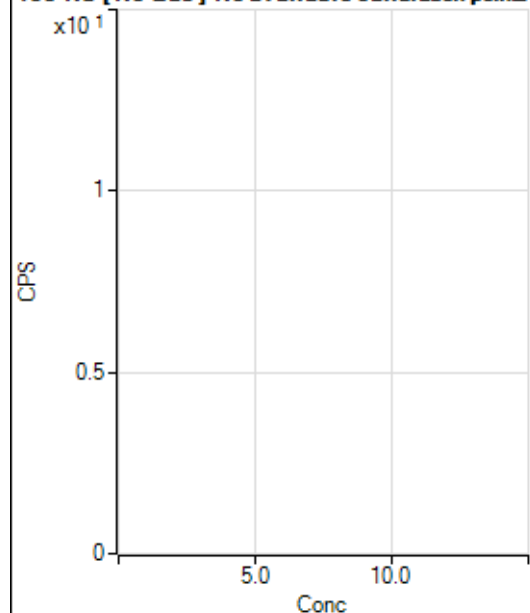
$$R = 0.9999$$

$$DL = 0.02368$$

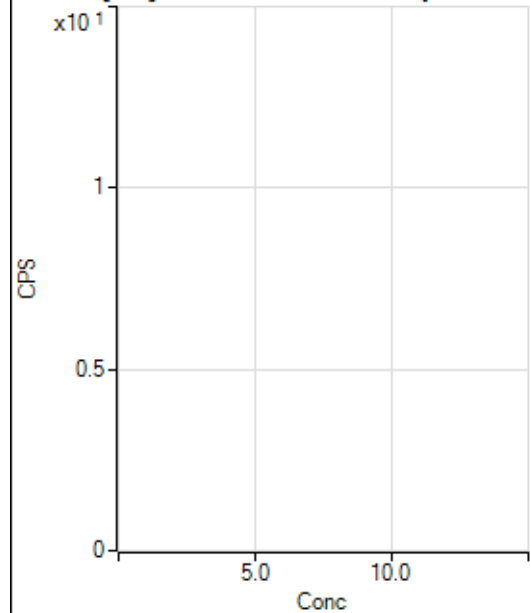
$$BEC = 0.01453$$

Weight: <None>

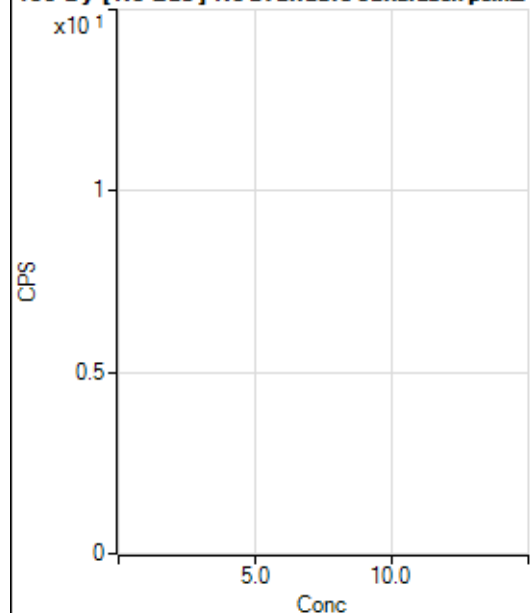
Min Conc: 0

150 Nd [No Gas] No available calibration points

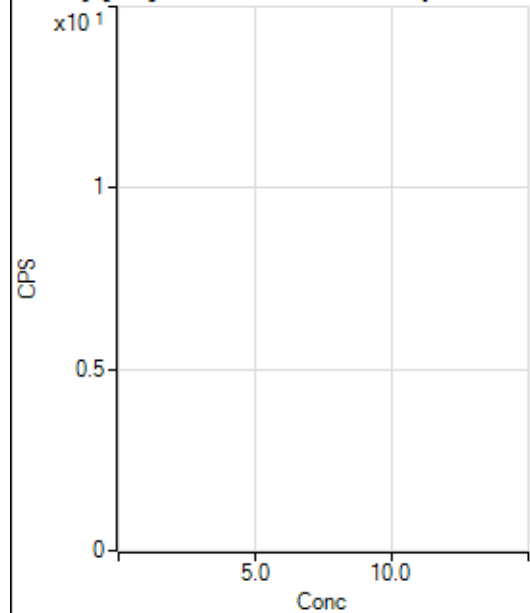
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	69.3
2	☐						
3	☐			4.45		P	86.6
4	☐			31.11		P	44.6
5	☐			53.33		P	43.3
6	☐			57.78		P	24.0
7	☐			162.23		P	6.3
8	☐			288.90		P	15.0
9	☐			60.00		P	22.2

150 Nd [He] No available calibration points

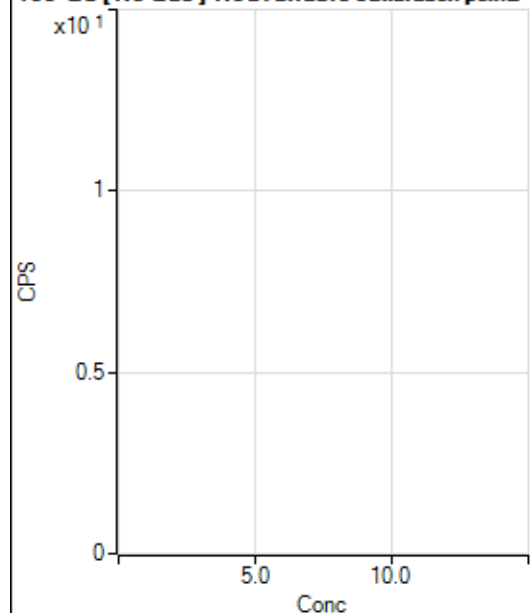
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			2.22		P	86.6
6	☐			0.00		P	
7	☐			1.11		P	173.
8	☐			4.44		P	43.4
9	☐			4.45		P	86.6

156 Dy [No Gas] No available calibration points

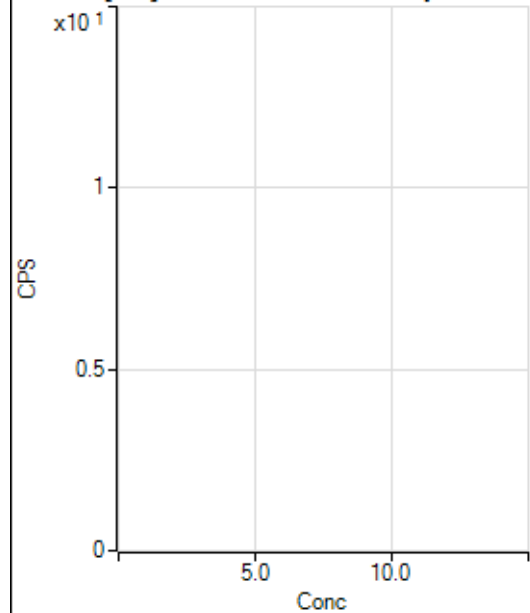
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.33		P	100.
2	☐						
3	☐			11.11		P	86.6
4	☐			5.56		P	173.
5	☐			13.89		P	91.6
6	☐			36.11		P	81.1
7	☐			50.00		P	16.7
8	☐			72.23		P	24.0
9	☐			38.89		P	12.4

156 Dy [He] No available calibration points

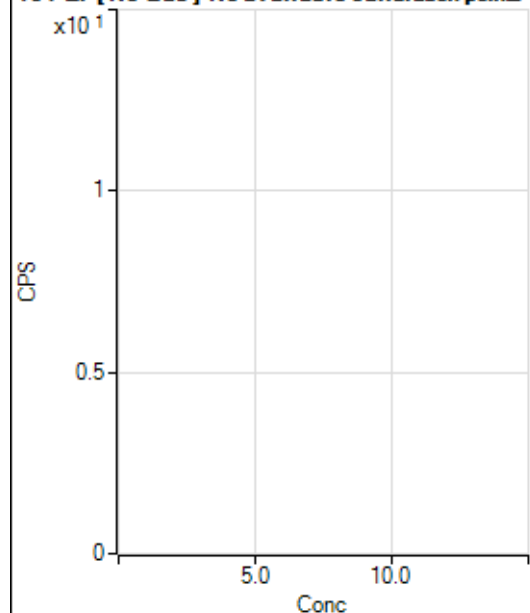
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			0.00		P	
6	☐			5.56		P	34.7
7	☐			3.33		P	0.0
8	☐			4.44		P	114.
9	☐			6.67		P	50.0

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

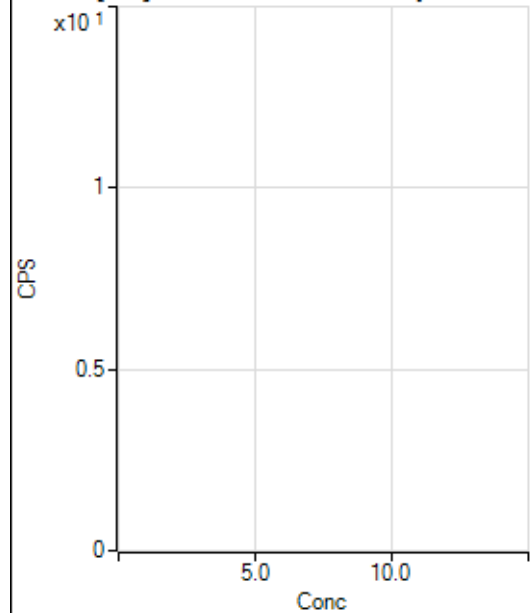
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.55		P	15.7
2	☐						
3	☐			38.89		P	65.5
4	☐			41.67		P	52.9
5	☐			41.67		P	34.7
6	☐			52.78		P	39.7
7	☐			36.11		P	13.3
8	☐			63.89		P	41.9
9	☐			72.23		P	17.6

160 Gd [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			2.22		P	86.6
4	☐			1.11		P	173.
5	☐			2.22		P	86.6
6	☐			8.89		P	43.3
7	☐			7.78		P	24.7
8	☐			7.78		P	24.7
9	☐			4.44		P	43.4

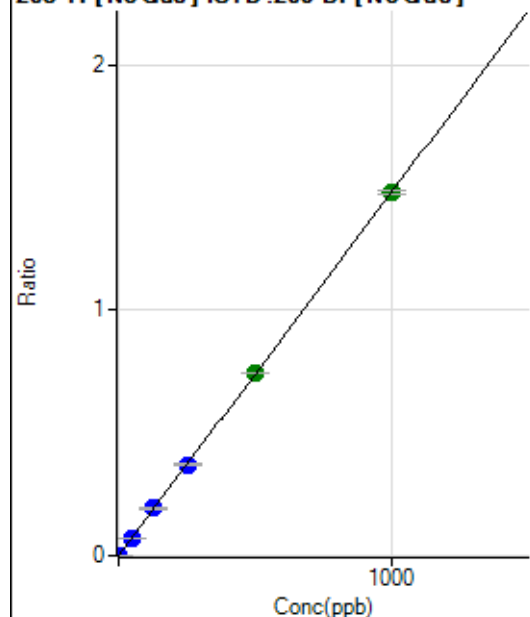
164 Er [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	25.0
2	☐						
3	☐			22.22		P	21.6
4	☐			22.22		P	57.3
5	☐			25.00		P	66.7
6	☐			30.56		P	31.5
7	☐			47.22		P	79.6
8	☐			33.34		P	66.1
9	☐			27.78		P	45.8

164 Er [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			10.00		P	33.3
4	☐			3.33		P	100.
5	☐			2.22		P	173.
6	☐			6.67		P	100.
7	☐			4.44		P	173.
8	☐			2.22		P	86.6
9	☐			5.55		P	69.3

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.90	0.0000	P	19.1
2	☐	0.100					
3	☐	1.000	0.939	5320.83	0.0014	P	2.8
4	☐	50.000	49.750	277574.50	0.0737	P	0.6
5	☐	125.000	130.021	701378.85	0.1924	P	6.8
6	☐	250.000	250.959	1435932.44	0.3714	P	1.4
7	☐	500.000	501.368	2942687.74	0.7420	A	0.4
8	☐	1000.000	998.461	5880920.40	1.4776	A	1.1
9	☐			2780.99	0.0008	P	4.9

$$y = 0.0015 * x + 3.5914E-005$$

$$R = 1.0000$$

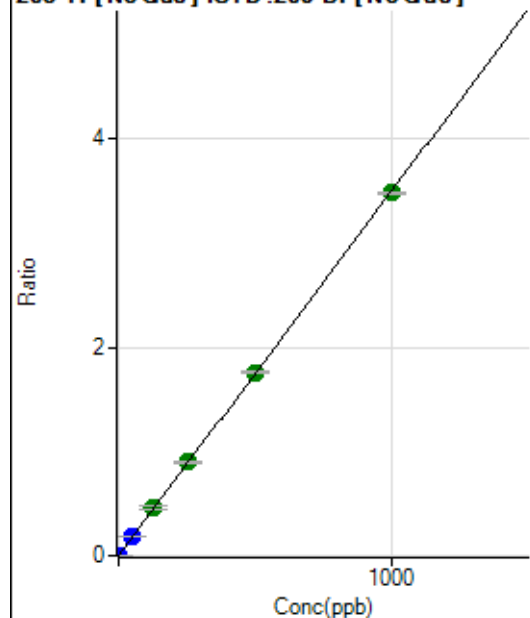
$$DL = 0.01393$$

$$BEC = 0.02427$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	369.47	0.0001	P	19.5
2	☐	0.100					
3	☐	1.000	0.914	12300.88	0.0033	P	1.1
4	☐	50.000	50.369	664958.26	0.1765	P	0.5
5	☐	125.000	132.752	1693337.45	0.4649	A	8.1
6	☐	250.000	257.897	3491402.33	0.9031	A	2.0
7	☐	500.000	503.119	6986967.87	1.7617	A	0.9
8	☐	1000.000	995.479	13873444.2	3.4857	A	0.6
9	☐			6824.38	0.0018	P	5.0

$$y = 0.0035 * x + 9.5581E-005$$

$$R = 0.9999$$

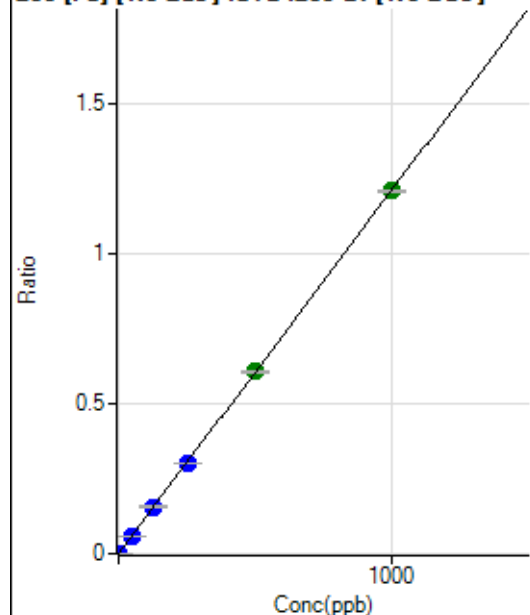
$$DL = 0.01593$$

$$BEC = 0.0273$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	346.31	0.0001	P	16.4
2	☐	0.100					
3	☐	1.000	0.885	4330.50	0.0012	P	1.5
4	☐	50.000	49.312	225129.95	0.0597	P	0.1
5	☐	125.000	129.355	570456.44	0.1566	P	7.4
6	☐	250.000	249.393	1166718.17	0.3018	P	0.9
7	☐	500.000	501.083	2404293.98	0.6062	A	0.6
8	☐	1000.000	999.101	4810779.97	1.2087	A	0.5
9	☐			8597.57	0.0023	P	2.9

$$y = 0.0012 * x + 8.9603E-005$$

$$R = 1.0000$$

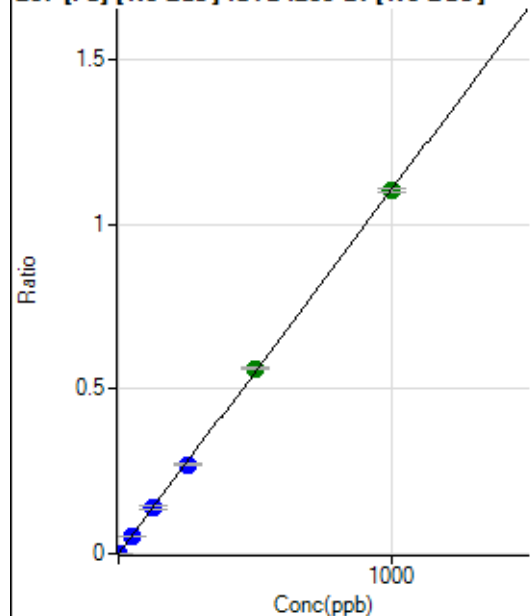
$$DL = 0.03653$$

$$BEC = 0.07407$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	298.16	0.0001	P	10.7
2	☐	0.100					
3	☐	1.000	0.928	4115.62	0.0011	P	1.6
4	☐	50.000	49.181	205148.70	0.0544	P	0.8
5	☐	125.000	128.412	517430.87	0.1420	P	7.5
6	☐	250.000	245.311	1048606.26	0.2712	P	1.3
7	☐	500.000	507.410	2224694.38	0.5610	A	1.0
8	☐	1000.000	997.082	4386810.17	1.1022	A	1.2
9	☐			7580.26	0.0021	P	1.7

$$y = 0.0011 * x + 7.7098E-005$$

$$R = 0.9999$$

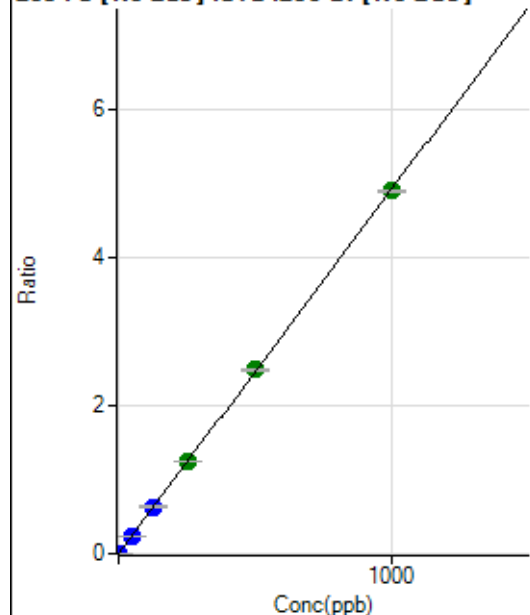
$$DL = 0.02242$$

$$BEC = 0.06975$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1270.44	0.0003	P	5.4
2	☐	0.100					
3	☐	1.000	0.912	18001.84	0.0048	P	1.2
4	☐	50.000	49.127	913912.47	0.2425	P	0.1
5	☐	125.000	129.247	2322801.24	0.6375	P	7.4
6	☐	250.000	253.706	4836697.78	1.2511	A	1.5
7	☐	500.000	505.087	9876582.69	2.4904	A	0.4
8	☐	1000.000	996.043	19545342.1	4.9108	A	0.7
9	☐			34639.83	0.0094	P	1.3

$$y = 0.0049 * x + 3.2861E-004$$

$$R = 1.0000$$

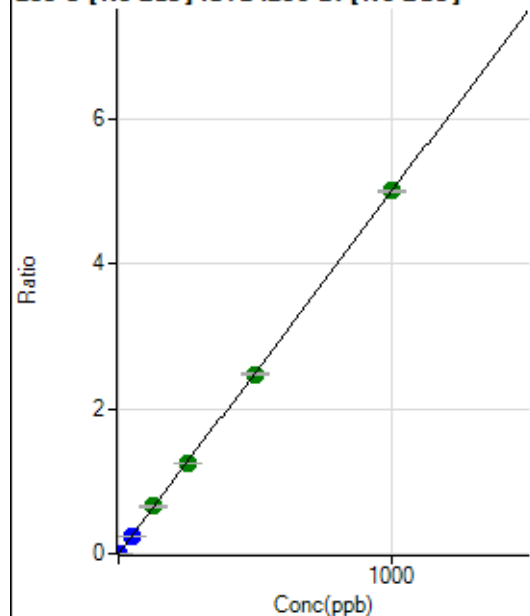
$$DL = 0.01074$$

$$BEC = 0.06666$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	18.0
2	☐	0.100					
3	☐	1.000	0.874	16355.88	0.0044	P	2.0
4	☐	50.000	48.379	910398.37	0.2416	P	0.4
5	☐	125.000	130.568	2375857.54	0.6520	A	7.1
6	☐	250.000	249.648	4819422.42	1.2466	A	1.0
7	☐	500.000	495.525	9812634.51	2.4743	A	1.1
8	☐	1000.000	1001.711	19907974.4	5.0019	A	0.6
9	☐			1283.46	0.0003	P	12.1

$$y = 0.0050 * x + 1.7954E-005$$

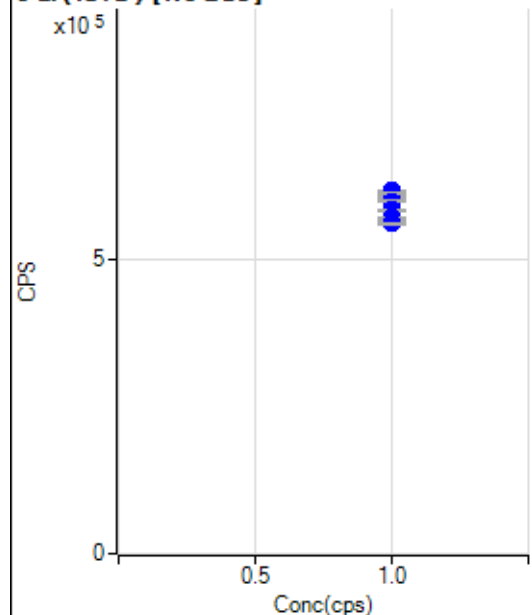
$$R = 1.0000$$

$$DL = 0.001937$$

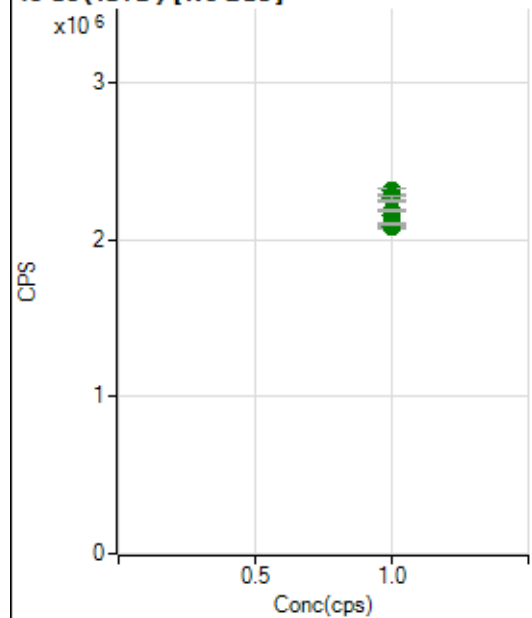
$$BEC = 0.003596$$

Weight: <None>

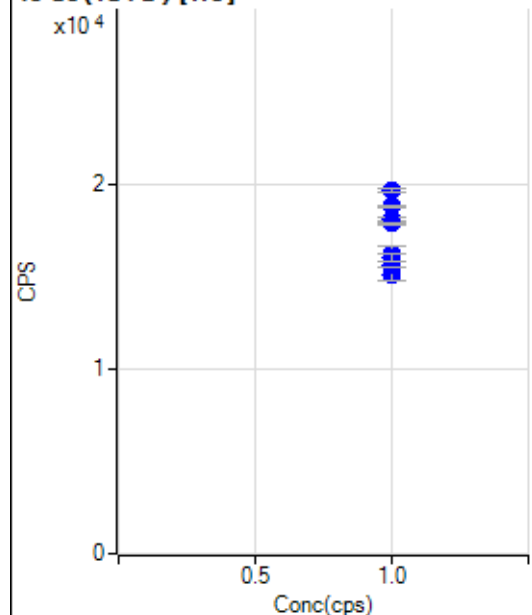
Min Conc: 0

6 Li (ISTD) [No Gas]

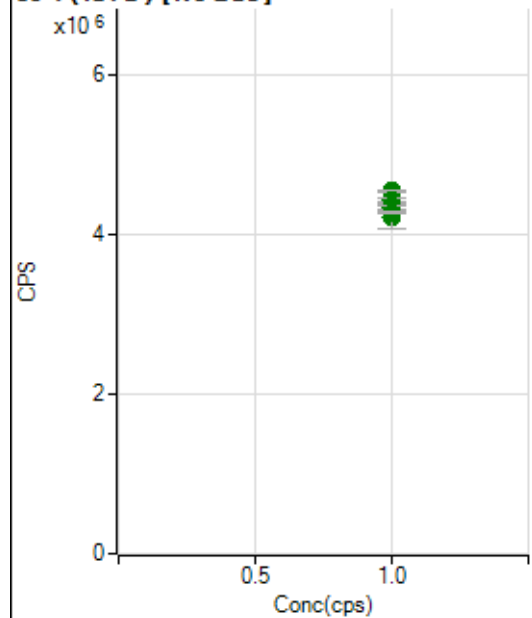
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		617617.60		P	0.4
2	☐	1.000					
3	☐	1.000		610405.53		P	0.4
4	☐	1.000		613354.63		P	0.2
5	☐	1.000		584646.28		P	6.7
6	☐	1.000		599882.33		P	0.5
7	☐	1.000		585473.44		P	0.5
8	☐	1.000		571698.83		P	0.3
9	☐	1.000		561800.32		P	0.3

45 Sc (ISTD) [No Gas]

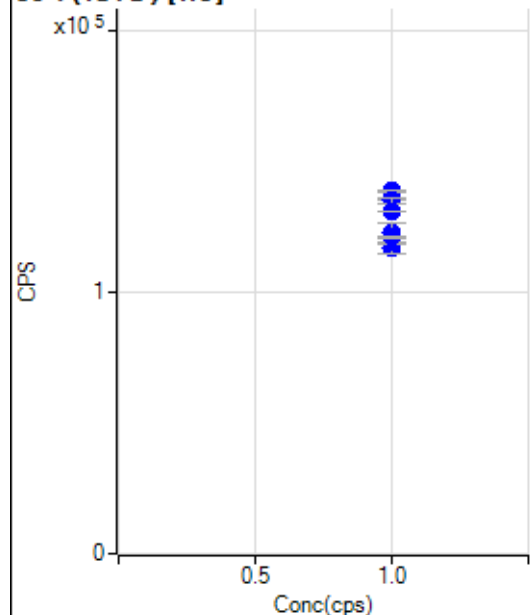
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2308766.37		A	1.3
2	☐	1.000					
3	☐	1.000		2276045.84		A	0.5
4	☐	1.000		2263075.22		A	1.3
5	☐	1.000		2158659.42		A	7.3
6	☐	1.000		2179460.94		A	0.5
7	☐	1.000		2094551.09		A	0.8
8	☐	1.000		2080142.13		A	0.7
9	☐	1.000		2095838.15		A	0.5

45 Sc (ISTD) [He]

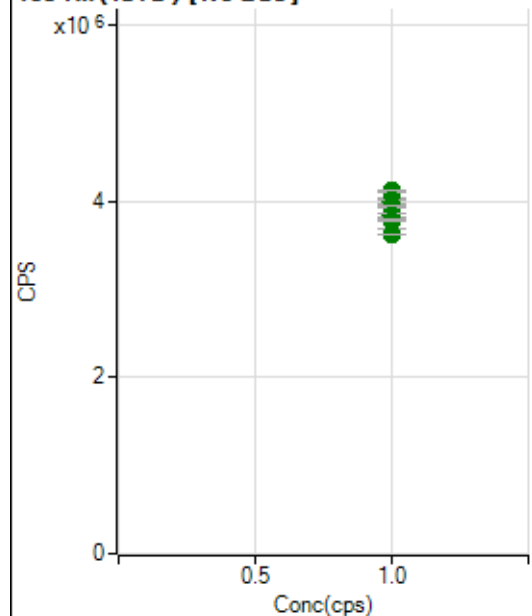
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19633.96		P	0.9
2	☐	1.000					
3	☐	1.000		18799.45		P	0.9
4	☐	1.000		18128.59		P	1.0
5	☐	1.000		17863.78		P	0.7
6	☐	1.000		16227.43		P	4.8
7	☐	1.000		15132.84		P	5.4
8	☐	1.000		15645.56		P	1.6
9	☐	1.000		16020.42		P	2.1

89 Y (ISTD) [No Gas]

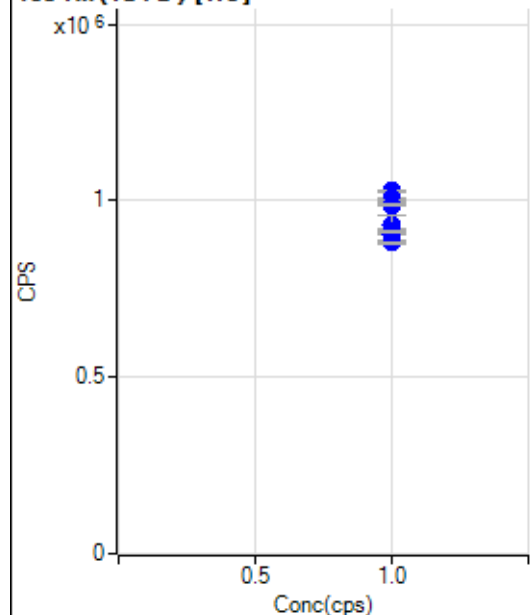
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4548718.16		A	0.4
2	☐	1.000					
3	☐	1.000		4393902.40		A	0.2
4	☐	1.000		4432925.25		A	1.1
5	☐	1.000		4229610.63		A	6.8
6	☐	1.000		4368548.65		A	0.5
7	☐	1.000		4316251.53		A	0.5
8	☐	1.000		4332329.86		A	1.0
9	☐	1.000		4275247.40		A	0.5

89 Y(ISTD) [He]

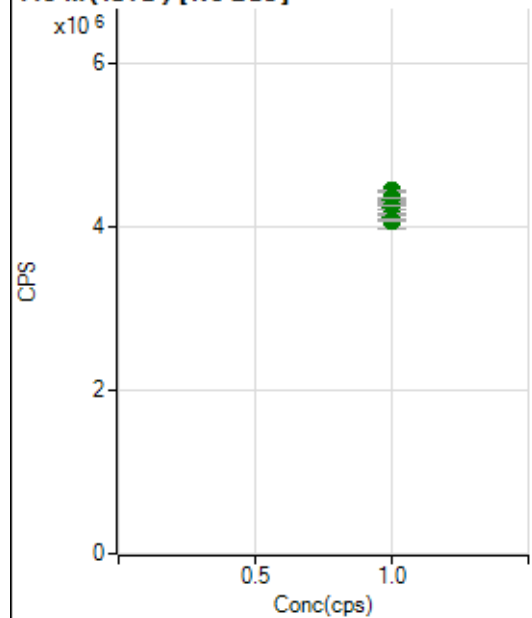
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		138547.64		P	0.5
2	☐	1.000					
3	☐	1.000		135317.86		P	0.4
4	☐	1.000		134770.66		P	1.6
5	☐	1.000		130713.76		P	0.5
6	☐	1.000		122584.00		P	5.5
7	☐	1.000		116857.37		P	3.7
8	☐	1.000		118884.97		P	0.6
9	☐	1.000		120867.58		P	0.4

103 Rh(ISTD) [No Gas]

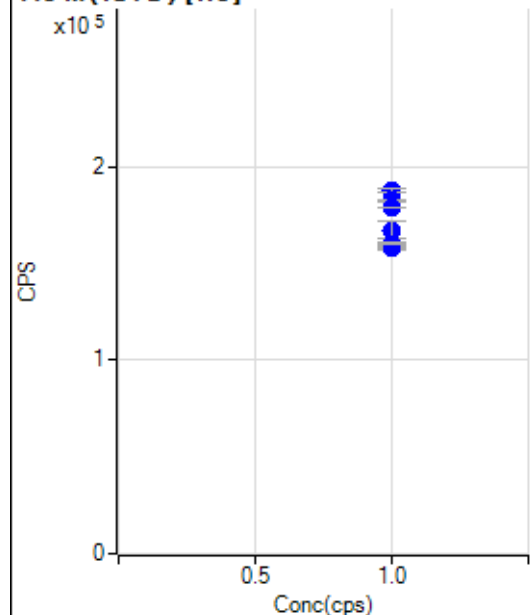
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4116947.79		A	0.4
2	☐	1.000					
3	☐	1.000		4022233.12		A	0.3
4	☐	1.000		3996287.46		A	0.9
5	☐	1.000		3802805.38		A	6.2
6	☐	1.000		3941314.54		A	0.7
7	☐	1.000		3833406.81		A	1.0
8	☐	1.000		3780332.51		A	0.4
9	☐	1.000		3617242.40		A	0.2

103 Rh (ISTD) [He]

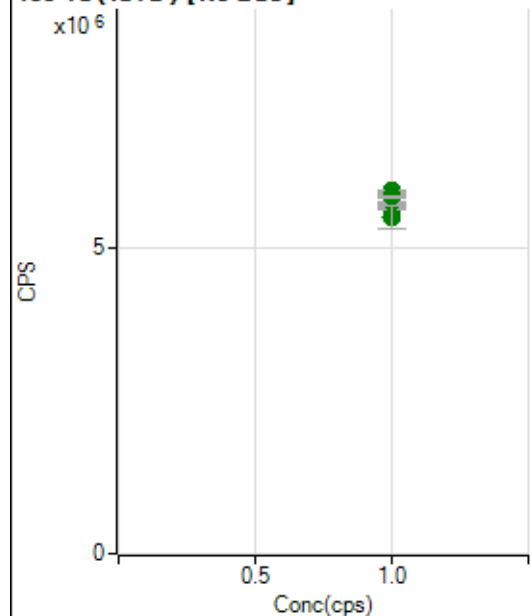
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1027827.47		P	0.4
2	☐	1.000					
3	☐	1.000		1005737.55		P	0.5
4	☐	1.000		1000864.23		P	0.8
5	☐	1.000		988379.32		P	0.1
6	☐	1.000		931978.15		P	6.0
7	☐	1.000		906765.09		P	3.6
8	☐	1.000		913561.63		P	0.5
9	☐	1.000		881963.95		P	0.5

115 In (ISTD) [No Gas]

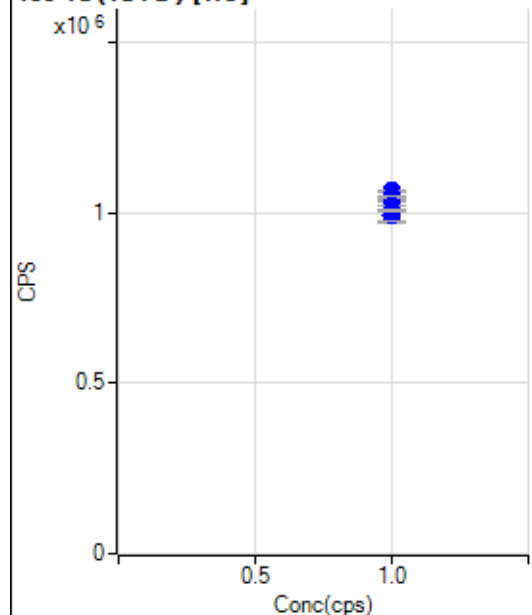
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4438986.70		A	0.4
2	☐	1.000					
3	☐	1.000		4287572.90		A	0.6
4	☐	1.000		4342775.33		A	0.2
5	☐	1.000		4112199.46		A	6.9
6	☐	1.000		4330037.04		A	0.8
7	☐	1.000		4238293.06		A	1.5
8	☐	1.000		4152689.58		A	0.6
9	☐	1.000		4080440.18		A	0.5

115 In (ISTD) [He]

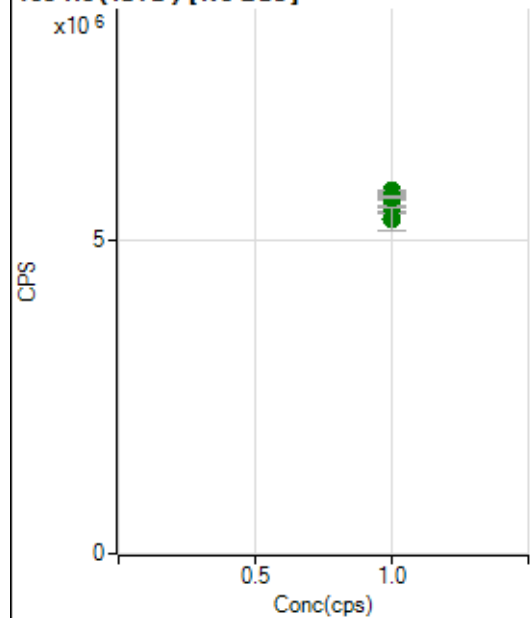
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		187288.52		P	1.1
2	☐	1.000					
3	☐	1.000		182521.23		P	0.4
4	☐	1.000		181948.29		P	0.5
5	☐	1.000		178664.16		P	0.4
6	☐	1.000		167123.83		P	5.3
7	☐	1.000		159510.42		P	3.8
8	☐	1.000		158256.62		P	0.7
9	☐	1.000		160215.67		P	0.5

159 Tb (ISTD) [No Gas]

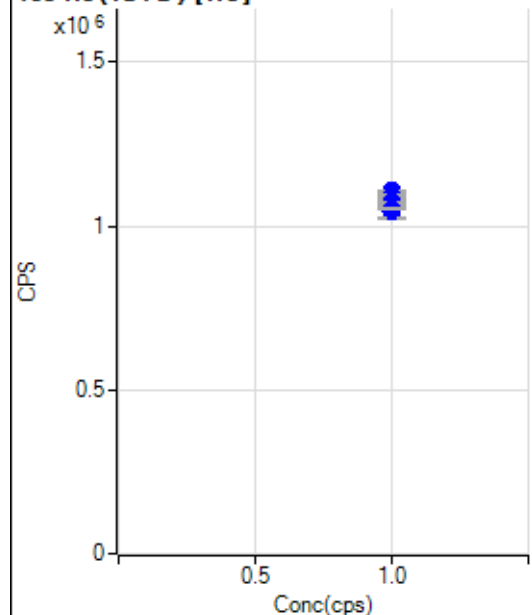
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5887568.38		A	1.0
2	☐	1.000					
3	☐	1.000		5630099.57		A	0.4
4	☐	1.000		5723937.07		A	0.9
5	☐	1.000		5496387.59		A	6.7
6	☐	1.000		5830039.36		A	0.4
7	☐	1.000		5883833.73		A	0.5
8	☐	1.000		5914691.65		A	0.5
9	☐	1.000		5817781.58		A	0.4

159 Tb (ISTD) [He]

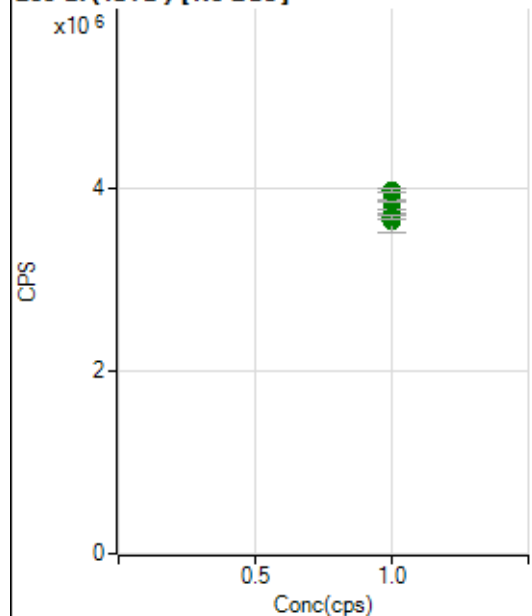
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1062967.53		P	0.6
2	☐	1.000					
3	☐	1.000		1039523.16		P	0.7
4	☐	1.000		1047645.10		P	0.4
5	☐	1.000		1045322.02		P	0.3
6	☐	1.000		1001850.23		P	6.3
7	☐	1.000		991852.93		P	3.6
8	☐	1.000		1019700.65		P	0.4
9	☐	1.000		1004632.78		P	0.5

165 Ho (ISTD) [No Gas]

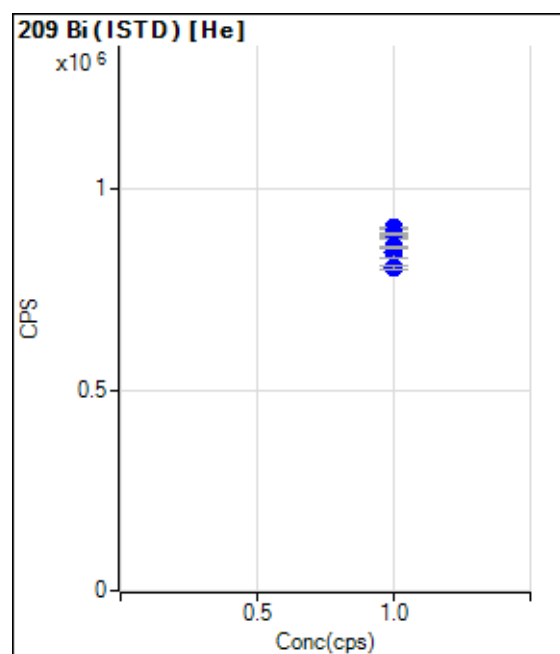
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5728657.94		A	0.8
2	☐	1.000					
3	☐	1.000		5445653.68		A	0.7
4	☐	1.000		5527971.39		A	0.3
5	☐	1.000		5343577.94		A	7.0
6	☐	1.000		5665070.83		A	0.7
7	☐	1.000		5708053.51		A	1.2
8	☐	1.000		5779594.75		A	0.5
9	☐	1.000		5685862.41		A	0.3

165 Ho (ISTD) [He]

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1107194.88		P	0.4
2	☐	1.000					
3	☐	1.000		1082568.54		P	0.0
4	☐	1.000		1093151.22		P	0.6
5	☐	1.000		1092558.33		P	0.6
6	☐	1.000		1050160.94		P	6.0
7	☐	1.000		1044995.23		P	3.6
8	☐	1.000		1072193.44		P	0.5
9	☐	1.000		1052100.20		P	0.6

209 Bi (ISTD) [No Gas]

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3866698.31		A	0.4
2	☐	1.000					
3	☐	1.000		3731260.36		A	0.4
4	☐	1.000		3768347.48		A	0.1
5	☐	1.000		3655915.33		A	6.9
6	☐	1.000		3866295.88		A	0.8
7	☐	1.000		3965887.03		A	0.4
8	☐	1.000		3980238.10		A	0.9
9	☐	1.000		3694887.17		A	1.2



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		903682.59		P	0.4
2	☐	1.000					
3	☐	1.000		885349.46		P	0.4
4	☐	1.000		892240.58		P	0.1
5	☐	1.000		888756.90		P	0.4
6	☐	1.000		853147.71		P	5.9
7	☐	1.000		844369.12		P	3.3
8	☐	1.000		856789.49		P	0.5
9	☐	1.000		805265.91		P	0.8

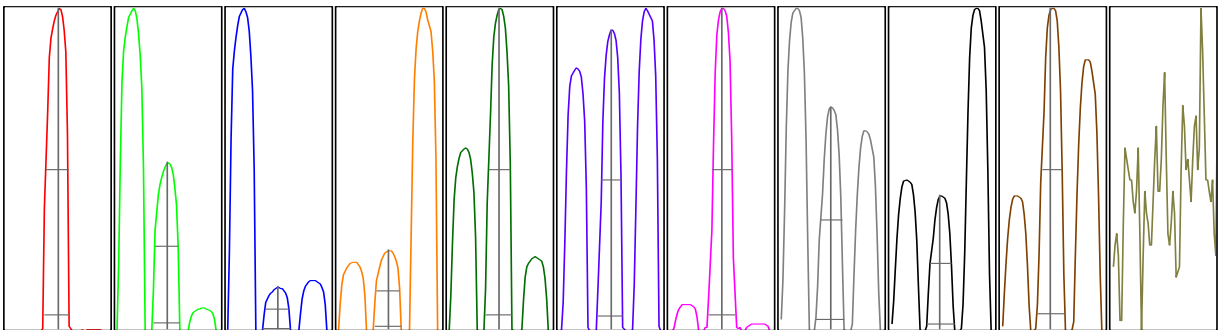
US EPA Tune Check Sample Report

Batch Folder D:\P8011818MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3790	0.71	5.00	
24	21742	1.07	5.00	
25	2994	1.00	5.00	
26	3495	0.96	5.00	
59	46748	0.79	5.00	
113	7072	1.05	5.00	
115	91418	1.41	5.00	
206	22846	1.01	5.00	
207	20441	1.08	5.00	
208	48796	0.60	5.00	
220	1	15.36		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3798	3750	3816	3811	3777
24	21710	21348	21908	21895	21848
25	2997	2943	3008	3021	3000
26	3495	3439	3499	3526	3514
59	46712	46129	47057	46948	46896
113	7097	6953	7114	7145	7053
115	93228	89670	91663	91565	90964
206	22810	22467	22905	23019	23029
207	20516	20063	20640	20530	20457
208	48956	48353	49139	48794	48739
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	6131	9.05	8.9 - 9.1		0.741	0.900	
24	34720	24.00	23.9 - 24.1		0.785	0.900	
25	4663	25.00	24.9 - 25.1		0.789	0.900	
26	5440	26.00	25.9 - 26.1		0.789	0.900	
59	77365	59.00	58.9 - 59.1		0.776	0.900	
113	12521	113.05	112.9 - 113.1		0.728	0.900	
115	161572	115.05	114.9 - 115.1		0.770	0.900	
206	39520	206.00	205.9 - 206.1		0.803	0.900	
207	35566	206.95	206.9 - 207.1		0.783	0.900	
208	84729	207.95	207.9 - 208.1		0.804	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.6	V	Deflect	14.2	V
Extract 2	-225.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5958	2.70	
89	1341	3.10	
205	9076	3.12	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6071	5979	6075	5984	5682
89	1359	1353	1365	1360	1267
205	9258	9170	9150	9228	8575

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.6	V	Deflect	1.8	V
Extract 2	-225.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	5.0	mL/min	OctP RF	190	V			

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:28:52	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.92	1.86	0.06	0.00	N/A	ppb
Antimony	121-1	0.01	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.22	-0.11	-0.10	0.00	N/A	ppb
Boron	11-1	0.18	-0.06	-0.12	0.00	N/A	ppb
Cadmium	111-1	0.02	0.01	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.40	0.06	-0.46	0.00	N/A	ppb
Cadmium	108-1	0.00	-0.04	0.04	0.00	N/A	ppb
Calcium	43-1	1.66	-4.06	2.39	0.00	N/A	ppb
Calcium	44-1	1.52	-1.67	0.14	0.00	N/A	ppb
Chromium	52-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.02	0.02	0.00	N/A	ppb
Copper	63-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	-0.20	0.22	0.00	N/A	ppb
Iron	57-2	-0.38	-0.38	0.76	0.00	N/A	ppb
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.49	-0.47	0.96	0.00	N/A	ppb
Manganese	55-2	0.02	0.00	-0.02	0.00	N/A	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:28:52	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	0.02	0.08	0.00	N/A	ppb
Phosphorus	31-2	13.88	-14.94	-14.94	-5.34		ppb
Potassium	39-2	1.15	-14.03	12.88	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.14	-1.15	0.00	0.00	N/A	ppb
Selenium	82-1	-0.45	0.43	0.03	0.00	N/A	ppb
Silicon	28-1	2.70	-1.52	-1.17	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	-1.94	-4.26	6.20	0.00	N/A	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	175.02	-317.82	-114.86	-85.89		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	-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	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.14	-0.16	0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:28:52	DataFile Name :	003CALB.d

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

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:35:54	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.08	8.05	26.28	16.80	54.38	ppb
Antimony	121-1	1.87	1.92	1.88	1.89	1.36	ppb
Arsenic	75-2	0.96	1.18	1.23	1.12	12.70	ppb
Barium	135-1	9.66	9.16	9.59	9.47	2.85	ppb
Barium	137-1	9.14	9.49	9.39	9.34	1.91	ppb
Beryllium	9-1	1.19	1.04	1.03	1.09	8.35	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	24.34	23.37	26.52	24.74	6.54	ppb
Boron	11-1	21.65	24.05	23.03	22.91	5.25	ppb
Cadmium	111-1	0.98	0.86	0.99	0.94	7.68	ppb
Cadmium	106-1	1.20	0.87	2.20	1.42	48.46	ppb
Cadmium	108-1	0.91	1.18	0.92	1.01	15.35	ppb
Calcium	43-1	448.83	452.65	438.02	446.50	1.70	ppb
Calcium	44-1	449.22	434.34	433.88	439.15	1.99	ppb
Chromium	52-2	1.86	2.07	1.87	1.94	6.08	ppb
Cobalt	59-2	0.99	0.93	0.89	0.94	4.94	ppb
Copper	63-2	1.93	1.82	1.93	1.90	3.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	46.84	45.68	48.35	46.96	2.85	ppb
Iron	57-2	57.11	44.67	57.69	53.16	13.83	ppb
Lead	206-1	0.90	0.89	0.87	0.89	1.61	ppb
Lead	207-1	0.94	0.91	0.94	0.93	1.68	ppb
Lead	208-1	0.91	0.92	0.90	0.91	1.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	449.23	471.36	477.60	466.07	3.20	ppb
Manganese	55-2	0.83	0.91	1.14	0.96	16.41	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:35:54	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.76	4.82	4.60	4.73	2.47	ppb
Molybdenum	95-1	4.71	4.67	4.66	4.68	0.64	ppb
Molybdenum	96-1	4.62	4.60	4.72	4.65	1.44	ppb
Molybdenum	97-1	4.52	4.44	4.62	4.53	2.04	ppb
Molybdenum	98-1	4.55	4.46	4.48	4.50	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.83	0.81	0.85	6.62	ppb
Phosphorus	31-2	15.32	-14.94	15.62	5.34	329.15	ppb
Potassium	39-2	477.70	462.74	446.08	462.17	3.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	6.91	2.30	173.21	ppb
Selenium	78-2	8.26	4.77	8.26	7.10	28.38	ppb
Selenium	82-1	6.09	4.94	5.62	5.55	10.35	ppb
Silicon	28-1	19.96	16.03	17.14	17.71	11.43	ppb
Silver	109-1	0.94	0.99	0.99	0.97	2.76	ppb
Silver	107-1	1.05	0.91	1.01	0.99	6.99	ppb
Sodium	23-2	472.99	492.19	473.36	479.51	2.29	ppb
Strontium	86-1	1.05	0.99	0.99	1.01	3.21	ppb
Strontium	88-1	0.95	0.96	1.01	0.97	3.47	ppb
Sulfur	34-1	100.13	125.33	32.21	85.89	56.08	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.96	0.91	0.94	0.94	2.86	ppb
Thallium	205-1	0.91	0.93	0.91	0.91	1.17	ppb
Tin	118-1	4.93	4.65	4.80	4.79	2.94	ppb
Titanium	47-1	4.49	4.39	4.83	4.57	5.03	ppb
Uranium	238-1	0.86	0.89	0.88	0.87	1.98	ppb
Vanadium	51-2	4.57	4.49	4.80	4.62	3.51	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	1.55	1.68	2.17	1.80	18.08	ppb
Zirconium	90-1	0.98	0.96	0.96	0.97	1.59	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:35:54	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.84	0.86	0.89	6.11	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:39:25	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1029.56	1021.12	962.20	1004.29	3.65	ppb
Antimony	121-1	50.85	50.94	51.36	51.05	0.53	ppb
Arsenic	75-2	50.34	50.78	50.82	50.65	0.53	ppb
Barium	135-1	255.51	252.91	259.65	256.03	1.33	ppb
Barium	137-1	258.55	254.92	260.42	257.96	1.08	ppb
Beryllium	9-1	52.68	52.55	53.26	52.83	0.71	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	49.41	53.10	50.10	50.87	3.85	ppb
Boron	11-1	51.19	51.78	52.73	51.90	1.50	ppb
Cadmium	111-1	52.82	52.61	52.92	52.78	0.30	ppb
Cadmium	106-1	52.40	52.01	54.06	52.82	2.07	ppb
Cadmium	108-1	52.20	52.66	54.75	53.21	2.56	ppb
Calcium	43-1	4793.99	4911.25	4927.76	4877.67	1.50	ppb
Calcium	44-1	4833.97	4835.86	4931.76	4867.20	1.15	ppb
Chromium	52-2	50.32	50.16	50.34	50.27	0.20	ppb
Cobalt	59-2	50.22	51.03	50.61	50.62	0.80	ppb
Copper	63-2	98.44	99.29	99.48	99.07	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	2503.99	2564.33	2550.16	2539.49	1.24	ppb
Iron	57-2	2511.80	2452.67	2521.88	2495.45	1.50	ppb
Lead	206-1	49.26	49.33	49.34	49.31	0.08	ppb
Lead	207-1	48.94	48.99	49.61	49.18	0.76	ppb
Lead	208-1	49.13	49.09	49.16	49.13	0.07	ppb
Lithium	6-1				99		%
Magnesium	24-2	5079.21	5136.24	5102.17	5105.87	0.56	ppb
Manganese	55-2	100.44	101.45	104.23	102.04	1.93	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:39:25	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	249.29	254.80	253.83	252.64	1.16	ppb
Molybdenum	95-1	247.44	249.86	250.90	249.40	0.71	ppb
Molybdenum	96-1	246.04	251.17	248.32	248.51	1.03	ppb
Molybdenum	97-1	248.22	253.49	251.79	251.17	1.07	ppb
Molybdenum	98-1	244.31	250.04	248.88	247.74	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.02	52.01	50.20	51.08	1.77	ppb
Phosphorus	31-2	979.06	807.07	1153.53	979.89	17.68	ppb
Potassium	39-2	2587.61	2561.04	2589.70	2579.45	0.62	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	55.04	41.42	35.46	43.97	22.82	ppb
Selenium	78-2	36.31	55.24	61.59	51.05	25.77	ppb
Selenium	82-1	52.02	54.71	53.75	53.49	2.55	ppb
Silicon	28-1	64.63	63.68	68.49	65.60	3.89	ppb
Silver	109-1	52.06	52.52	53.52	52.70	1.42	ppb
Silver	107-1	53.50	52.67	53.62	53.26	0.97	ppb
Sodium	23-2	4983.69	5100.13	5032.68	5038.83	1.16	ppb
Strontium	86-1	49.92	50.25	49.94	50.04	0.37	ppb
Strontium	88-1	50.75	51.30	51.08	51.04	0.54	ppb
Sulfur	34-1	1340.31	1096.87	1670.70	1369.29	21.03	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	49.81	50.03	49.41	49.75	0.62	ppb
Thallium	205-1	50.50	50.50	50.10	50.37	0.46	ppb
Tin	118-1	50.90	51.72	51.79	51.47	0.96	ppb
Titanium	47-1	250.89	246.81	253.91	250.54	1.42	ppb
Uranium	238-1	48.17	48.52	48.45	48.38	0.39	ppb
Vanadium	51-2	50.23	51.29	50.90	50.81	1.06	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	99.41	105.62	103.36	102.80	3.05	ppb
Zirconium	90-1	49.69	50.67	50.14	50.17	0.98	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:39:25	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.56	50.08	50.07	49.57	1.76	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:42:57	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2477.49	2465.40	2423.38	2455.42	1.16	ppb
Antimony	121-1	146.61	133.07	126.37	135.35	7.62	ppb
Arsenic	75-2	128.76	127.08	127.61	127.82	0.67	ppb
Barium	135-1	728.58	660.46	627.97	672.34	7.64	ppb
Barium	137-1	735.61	674.78	645.15	685.18	6.73	ppb
Beryllium	9-1	149.12	131.56	127.11	135.93	8.56	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	137.28	124.53	126.72	129.51	5.27	ppb
Boron	11-1	137.02	126.52	125.91	129.82	4.81	ppb
Cadmium	111-1	150.22	136.39	130.31	138.97	7.34	ppb
Cadmium	106-1	151.70	137.96	129.18	139.61	8.13	ppb
Cadmium	108-1	144.37	129.71	128.95	134.35	6.47	ppb
Calcium	43-1	13586.15	12595.28	11877.16	12686.20	6.76	ppb
Calcium	44-1	13880.11	12474.25	11813.62	12722.66	8.30	ppb
Chromium	52-2	125.27	124.40	123.20	124.29	0.84	ppb
Cobalt	59-2	123.99	124.32	122.54	123.62	0.77	ppb
Copper	63-2	242.07	246.07	242.11	243.42	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	6343.04	6393.26	6305.32	6347.21	0.70	ppb
Iron	57-2	6008.65	6095.49	6129.85	6078.00	1.03	ppb
Lead	206-1	140.17	125.94	121.95	129.35	7.40	ppb
Lead	207-1	139.27	124.87	121.09	128.41	7.47	ppb
Lead	208-1	139.98	125.92	121.85	129.25	7.36	ppb
Lithium	6-1				95		%
Magnesium	24-2	12408.84	12368.15	12429.35	12402.11	0.25	ppb
Manganese	55-2	251.71	251.72	247.46	250.30	0.98	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:42:57	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	716.52	653.26	622.06	663.94	7.25	ppb
Molybdenum	95-1	709.73	650.56	627.07	662.45	6.43	ppb
Molybdenum	96-1	724.89	646.08	630.26	667.08	7.60	ppb
Molybdenum	97-1	710.18	639.92	621.76	657.29	7.10	ppb
Molybdenum	98-1	718.81	647.77	628.11	664.90	7.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.89	125.96	123.66	125.17	1.05	ppb
Phosphorus	31-2	2615.06	2169.31	2437.20	2407.19	9.32	ppb
Potassium	39-2	6258.12	6277.90	6265.50	6267.18	0.16	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	144.16	128.49	164.95	145.86	12.54	ppb
Selenium	78-2	141.12	134.89	139.18	138.40	2.30	ppb
Selenium	82-1	148.70	130.87	129.71	136.43	7.80	ppb
Silicon	28-1	207.38	172.01	153.35	177.58	15.45	ppb
Silver	109-1	147.91	135.66	129.23	137.60	6.90	ppb
Silver	107-1	150.66	136.24	131.15	139.35	7.26	ppb
Sodium	23-2	12218.12	12351.13	12223.46	12264.24	0.61	ppb
Strontium	86-1	142.46	127.25	123.00	130.90	7.81	ppb
Strontium	88-1	146.58	131.27	127.28	135.04	7.55	ppb
Sulfur	34-1	5268.60	3349.18	1788.30	3468.69	50.26	ppb
Terbium	159-1				93		%
Terbium	159-2				98		%
Thallium	203-1	140.11	126.36	123.60	130.02	6.80	ppb
Thallium	205-1	145.12	127.95	125.18	132.75	8.14	ppb
Tin	118-1	145.83	133.00	127.61	135.48	6.91	ppb
Titanium	47-1	706.94	641.87	606.14	651.65	7.84	ppb
Uranium	238-1	141.24	125.93	124.53	130.57	7.10	ppb
Vanadium	51-2	124.36	125.30	122.93	124.20	0.96	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	249.20	242.98	242.43	244.87	1.53	ppb
Zirconium	90-1	142.57	127.70	125.35	131.87	7.08	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:42:57	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	141.78	125.74	120.82	129.44	8.47	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:46:23	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5490.24	4743.71	5079.02	5104.32	7.33	ppb
Antimony	121-1	259.28	261.25	258.91	259.81	0.48	ppb
Arsenic	75-2	277.02	245.57	250.22	257.60	6.59	ppb
Barium	135-1	1285.16	1288.14	1294.99	1289.43	0.39	ppb
Barium	137-1	1283.44	1307.52	1281.44	1290.80	1.12	ppb
Beryllium	9-1	256.65	257.88	255.33	256.62	0.50	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	250.00	257.61	251.43	253.01	1.60	ppb
Boron	11-1	248.07	253.46	255.03	252.19	1.45	ppb
Cadmium	111-1	258.54	259.96	257.76	258.76	0.43	ppb
Cadmium	106-1	259.39	263.08	258.06	260.18	1.00	ppb
Cadmium	108-1	257.85	265.10	262.23	261.73	1.40	ppb
Calcium	43-1	24235.23	24124.59	24489.54	24283.12	0.77	ppb
Calcium	44-1	24310.05	24327.99	24245.02	24294.35	0.18	ppb
Chromium	52-2	273.44	244.84	256.29	258.19	5.58	ppb
Cobalt	59-2	274.80	246.56	258.98	260.12	5.44	ppb
Copper	63-2	544.06	489.06	510.29	514.47	5.39	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				99		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	56-2	14142.93	12656.64	13010.54	13270.04	5.85	ppb
Iron	57-2	13840.35	12305.22	12979.62	13041.73	5.90	ppb
Lead	206-1	248.80	251.83	247.55	249.39	0.88	ppb
Lead	207-1	245.83	248.17	241.93	245.31	1.29	ppb
Lead	208-1	253.81	257.47	249.84	253.71	1.50	ppb
Lithium	6-1				97		%
Magnesium	24-2	27597.67	24855.17	25843.36	26098.74	5.32	ppb
Manganese	55-2	554.06	495.97	516.48	522.17	5.64	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:46:23	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1268.10	1295.66	1272.37	1278.71	1.16	ppb
Molybdenum	95-1	1268.27	1288.51	1266.95	1274.58	0.95	ppb
Molybdenum	96-1	1273.15	1267.83	1265.62	1268.86	0.30	ppb
Molybdenum	97-1	1280.61	1289.69	1274.83	1281.71	0.58	ppb
Molybdenum	98-1	1268.70	1272.12	1248.40	1263.07	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	274.71	248.03	261.94	261.56	5.10	ppb
Phosphorus	31-2	6060.52	5240.97	5153.50	5484.99	9.12	ppb
Potassium	39-2	13659.52	12319.51	12964.62	12981.22	5.16	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				83		%
Selenium	77-2	195.87	183.96	224.17	201.33	10.26	ppb
Selenium	78-2	273.82	261.78	273.49	269.70	2.54	ppb
Selenium	82-1	259.23	259.03	257.94	258.73	0.27	ppb
Silicon	28-1	327.85	331.49	331.95	330.43	0.68	ppb
Silver	109-1	262.96	264.11	264.32	263.80	0.28	ppb
Silver	107-1	265.36	264.10	266.65	265.37	0.48	ppb
Sodium	23-2	27089.78	24359.66	25521.99	25657.14	5.34	ppb
Strontium	86-1	251.27	249.27	249.04	249.86	0.49	ppb
Strontium	88-1	253.69	259.88	253.88	255.81	1.38	ppb
Sulfur	34-1	5240.65	5177.99	5251.17	5223.27	0.76	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	249.87	254.82	248.18	250.96	1.37	ppb
Thallium	205-1	255.13	263.73	254.84	257.90	1.96	ppb
Tin	118-1	254.42	256.84	252.37	254.54	0.88	ppb
Titanium	47-1	1261.15	1247.33	1252.37	1253.61	0.56	ppb
Uranium	238-1	251.04	251.06	246.84	249.65	0.97	ppb
Vanadium	51-2	275.95	249.54	257.05	260.84	5.22	ppb
Yttrium	89-1				96		%
Yttrium	89-2				88		%
Zinc	66-2	542.72	494.99	524.14	520.62	4.62	ppb
Zirconium	90-1	251.00	260.93	257.58	256.50	1.97	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:46:23	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	246.18	251.09	248.83	248.70	0.99	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:49:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10610.56	9801.07	9643.92	10018.52	5.18	ppb
Antimony	121-1	505.67	508.17	503.08	505.64	0.50	ppb
Arsenic	75-2	533.94	507.66	498.36	513.32	3.59	ppb
Barium	135-1	2518.94	2542.01	2499.14	2520.03	0.85	ppb
Barium	137-1	2510.93	2500.90	2493.34	2501.72	0.35	ppb
Beryllium	9-1	504.34	505.51	498.73	502.86	0.72	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Boron	10-1	481.70	501.09	496.27	493.02	2.05	ppb
Boron	11-1	483.90	495.17	506.77	495.28	2.31	ppb
Cadmium	111-1	510.96	509.85	499.42	506.74	1.26	ppb
Cadmium	106-1	513.87	509.08	503.75	508.90	0.99	ppb
Cadmium	108-1	507.12	511.32	505.02	507.82	0.63	ppb
Calcium	43-1	48927.46	48708.53	49237.62	48957.87	0.54	ppb
Calcium	44-1	48762.49	48681.45	49059.31	48834.42	0.41	ppb
Chromium	52-2	554.03	510.02	494.49	519.51	5.94	ppb
Cobalt	59-2	558.88	512.82	496.11	522.61	6.22	ppb
Copper	63-2	1097.11	1018.86	980.16	1032.04	5.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				85		%
Iron	56-2	27729.76	25732.26	24990.20	26150.74	5.42	ppb
Iron	57-2	27726.50	25915.09	24409.08	26016.89	6.38	ppb
Lead	206-1	497.52	503.88	501.84	501.08	0.65	ppb
Lead	207-1	502.03	507.74	512.46	507.41	1.03	ppb
Lead	208-1	502.63	506.76	505.87	505.09	0.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	55031.27	50908.90	49163.72	51701.30	5.83	ppb
Manganese	55-2	1112.02	1030.83	980.63	1041.16	6.37	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:49:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2504.71	2519.88	2510.34	2511.64	0.31	ppb
Molybdenum	95-1	2517.86	2519.38	2496.48	2511.24	0.51	ppb
Molybdenum	96-1	2530.30	2538.92	2509.13	2526.12	0.61	ppb
Molybdenum	97-1	2556.90	2560.54	2527.69	2548.38	0.71	ppb
Molybdenum	98-1	2532.37	2520.33	2485.14	2512.61	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	554.46	517.11	502.82	524.80	5.08	ppb
Phosphorus	31-2	10474.18	9839.31	10262.30	10191.93	3.17	ppb
Potassium	39-2	26922.83	24968.61	23988.18	25293.20	5.91	ppb
Rhodium	103-1				93		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				77		%
Selenium	77-2	527.56	514.77	553.64	531.99	3.72	ppb
Selenium	78-2	517.50	486.67	536.23	513.46	4.87	ppb
Selenium	82-1	507.32	513.60	503.92	508.28	0.97	ppb
Silicon	28-1	518.86	515.01	521.77	518.55	0.65	ppb
Silver	109-1	512.56	513.34	506.96	510.95	0.68	ppb
Silver	107-1	515.99	511.77	507.38	511.71	0.84	ppb
Sodium	23-2	55762.08	51733.61	49246.79	52247.50	6.29	ppb
Strontium	86-1	498.13	499.52	493.89	497.18	0.59	ppb
Strontium	88-1	501.83	506.19	499.60	502.54	0.67	ppb
Sulfur	34-1	9741.03	9480.29	9850.24	9690.52	1.96	ppb
Terbium	159-1				100		%
Terbium	159-2				93		%
Thallium	203-1	500.29	500.03	503.78	501.37	0.42	ppb
Thallium	205-1	502.09	499.42	507.85	503.12	0.86	ppb
Tin	118-1	509.90	506.18	501.79	505.96	0.80	ppb
Titanium	47-1	2537.50	2568.98	2542.63	2549.70	0.66	ppb
Uranium	238-1	493.80	501.80	490.98	495.52	1.13	ppb
Vanadium	51-2	553.73	512.33	494.13	520.06	5.87	ppb
Yttrium	89-1				95		%
Yttrium	89-2				84		%
Zinc	66-2	1112.39	1042.50	994.93	1049.94	5.63	ppb
Zirconium	90-1	504.69	509.55	504.43	506.23	0.57	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:49:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.41	498.84	491.48	494.91	0.75	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:53:01	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19510.46	18589.80	19230.40	19110.22	2.47	ppb
Antimony	121-1	995.86	990.15	994.14	993.38	0.29	ppb
Arsenic	75-2	986.65	996.12	990.40	991.06	0.48	ppb
Barium	135-1	5012.97	4953.53	4955.23	4973.91	0.68	ppb
Barium	137-1	4991.94	4969.82	4981.30	4981.02	0.22	ppb
Beryllium	9-1	996.55	994.76	994.91	995.41	0.10	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	992.98	998.02	1015.41	1002.13	1.17	ppb
Boron	11-1	984.80	1001.21	1017.51	1001.17	1.63	ppb
Cadmium	111-1	995.95	985.41	996.29	992.55	0.62	ppb
Cadmium	106-1	985.41	975.22	1012.48	991.04	1.94	ppb
Cadmium	108-1	1002.59	985.49	987.41	991.83	0.94	ppb
Calcium	43-1	96971.22	95985.81	96591.09	96516.04	0.51	ppb
Calcium	44-1	95810.87	95326.45	96611.87	95916.40	0.68	ppb
Chromium	52-2	998.00	971.72	995.09	988.27	1.46	ppb
Cobalt	59-2	997.43	970.89	990.61	986.31	1.40	ppb
Copper	63-2	2011.28	1950.91	1981.50	1981.23	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				84		%
Iron	56-2	50446.45	49044.00	50221.31	49903.92	1.51	ppb
Iron	57-2	49483.58	48236.92	49454.66	49058.39	1.45	ppb
Lead	206-1	1000.37	993.62	1003.31	999.10	0.50	ppb
Lead	207-1	1009.68	986.17	995.40	997.08	1.19	ppb
Lead	208-1	1002.26	989.20	996.67	996.04	0.66	ppb
Lithium	6-1				93		%
Magnesium	24-2	100645.81	97591.36	99685.36	99307.51	1.57	ppb
Manganese	55-2	1994.04	1928.26	1998.92	1973.74	2.00	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:53:01	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5071.42	4912.29	4962.30	4982.00	1.63	ppb
Molybdenum	95-1	5024.99	4929.88	4995.88	4983.58	0.98	ppb
Molybdenum	96-1	5031.78	4943.29	4956.06	4977.04	0.96	ppb
Molybdenum	97-1	5056.54	4886.57	4948.25	4963.79	1.73	ppb
Molybdenum	98-1	5049.28	4925.39	4981.98	4985.55	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.71	967.65	991.54	984.64	1.50	ppb
Phosphorus	31-2	19572.04	19327.73	20486.41	19795.39	3.09	ppb
Potassium	39-2	48560.30	46672.31	47579.87	47604.16	1.98	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				80		%
Selenium	77-2	1004.93	1071.79	904.92	993.88	8.45	ppb
Selenium	78-2	955.36	1020.14	984.31	986.61	3.29	ppb
Selenium	82-1	1005.66	977.70	992.85	992.07	1.41	ppb
Silicon	28-1	973.32	947.98	968.26	963.19	1.39	ppb
Silver	109-1	992.10	991.34	984.65	989.36	0.41	ppb
Silver	107-1	994.24	982.18	988.61	988.34	0.61	ppb
Sodium	23-2	98182.78	95249.50	99125.71	97519.33	2.07	ppb
Strontium	86-1	1020.91	983.70	997.50	1000.71	1.88	ppb
Strontium	88-1	1006.56	997.92	983.43	995.97	1.17	ppb
Sulfur	34-1	19908.92	19981.02	19988.17	19959.37	0.22	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	1006.29	986.27	1002.83	998.46	1.07	ppb
Thallium	205-1	996.94	988.48	1001.02	995.48	0.64	ppb
Tin	118-1	997.39	990.67	995.45	994.50	0.35	ppb
Titanium	47-1	4993.93	4949.13	4969.60	4970.89	0.45	ppb
Uranium	238-1	1008.60	996.62	999.91	1001.71	0.62	ppb
Vanadium	51-2	1000.16	969.66	992.13	987.32	1.60	ppb
Yttrium	89-1				95		%
Yttrium	89-2				86		%
Zinc	66-2	1997.70	1934.35	1979.08	1970.38	1.65	ppb
Zirconium	90-1	1004.90	989.39	988.89	994.39	0.92	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:53:01	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1007.22	1005.23	994.56	1002.33	0.68	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:56:15	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99373.51	102248.92	98893.45	100171.96	1.81	ppb
Antimony	121-1	1.08	1.10	1.12	1.10	1.89	ppb
Arsenic	75-2	0.27	0.45	0.39	0.37	24.79	ppb
Barium	135-1	1.48	1.35	1.28	1.37	7.10	ppb
Barium	137-1	1.41	1.49	1.41	1.44	3.36	ppb
Beryllium	9-1	0.73	0.79	0.73	0.75	4.81	ppb
Bismuth	209-1				96		%
Bismuth	209-2				89		%
Boron	10-1	51.44	42.80	43.86	46.03	10.24	ppb
Boron	11-1	49.20	43.51	41.41	44.71	9.02	ppb
Cadmium	111-1	0.22	0.21	0.29	0.24	18.95	ppb
Cadmium	106-1	1.03	1.31	2.34	1.56	44.25	ppb
Cadmium	108-1	0.22	0.09	0.18	0.16	41.88	ppb
Calcium	43-1	499358.61	499109.36	504032.45	500833.47	0.55	ppb
Calcium	44-1	497440.43	499722.52	505730.21	500964.38	0.85	ppb
Chromium	52-2	11.38	11.89	11.53	11.60	2.28	ppb
Cobalt	59-2	1.08	1.22	1.06	1.12	7.46	ppb
Copper	63-2	2.68	2.43	2.31	2.47	7.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				86		%
Iron	56-2	248448.62	255701.03	245438.80	249862.82	2.11	ppb
Iron	57-2	249841.91	254994.91	245354.87	250063.89	1.93	ppb
Lead	206-1	1.90	1.79	1.86	1.85	3.00	ppb
Lead	207-1	1.76	1.78	1.82	1.79	1.77	ppb
Lead	208-1	1.85	1.81	1.85	1.84	1.36	ppb
Lithium	6-1				91		%
Magnesium	24-2	494738.18	510863.93	494142.45	499914.85	1.90	ppb
Manganese	55-2	5.28	5.70	5.11	5.36	5.71	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:56:15	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.06	2.00	1.97	2.01	2.28	ppb
Molybdenum	95-1	2.66	2.61	2.76	2.68	2.94	ppb
Molybdenum	96-1	2.89	2.83	2.90	2.87	1.28	ppb
Molybdenum	97-1	2.63	2.46	2.38	2.49	5.24	ppb
Molybdenum	98-1	2.34	2.38	2.39	2.37	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.19	7.41	7.56	7.72	5.41	ppb
Phosphorus	31-2	55.91	-14.94	-14.94	8.68	471.50	ppb
Potassium	39-2	247228.49	258578.37	245467.06	250424.64	2.84	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				82		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.81	-1.15	-1.15	0.17	1325.74	ppb
Selenium	82-1	1.61	2.08	1.60	1.76	15.58	ppb
Silicon	28-1	21.34	21.72	25.15	22.74	9.22	ppb
Silver	109-1	0.08	0.06	0.06	0.07	15.73	ppb
Silver	107-1	0.08	0.07	0.06	0.07	14.87	ppb
Sodium	23-2	495841.34	513499.67	491391.15	500244.05	2.34	ppb
Strontium	86-1	34.51	34.78	34.53	34.61	0.44	ppb
Strontium	88-1	34.53	34.80	35.08	34.80	0.79	ppb
Sulfur	34-1	-1510.48	-1372.05	-1029.88	-1304.14		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.49	0.46	0.51	0.48	5.18	ppb
Thallium	205-1	0.51	0.52	0.47	0.50	5.27	ppb
Tin	118-1	1.00	0.98	1.02	1.00	1.71	ppb
Titanium	47-1	0.84	1.00	0.67	0.84	19.60	ppb
Uranium	238-1	0.07	0.06	0.07	0.07	12.80	ppb
Vanadium	51-2	0.14	0.23	0.22	0.20	24.95	ppb
Yttrium	89-1				94		%
Yttrium	89-2				87		%
Zinc	66-2	6.41	7.01	7.67	7.03	8.97	ppb
Zirconium	90-1	0.16	0.17	0.16	0.17	3.21	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:56:15	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.13	0.19	0.16	18.12	ppb

LB Number : LB92745 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-01-18 13:04:39 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	507.69	512.49	581.47	533.88	7.73	ppb
Antimony	121-1	206.83	208.02	209.15	208.00	0.56	ppb
Arsenic	75-2	208.44	209.76	208.40	208.86	0.37	ppb
Barium	135-1	105.88	106.04	103.49	105.14	1.36	ppb
Barium	137-1	105.63	106.49	105.95	106.02	0.41	ppb
Beryllium	9-1	106.36	104.45	105.61	105.47	0.92	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	488.33	520.77	545.50	518.20	5.53	ppb
Boron	11-1	501.59	514.81	524.48	513.63	2.24	ppb
Cadmium	111-1	108.30	110.14	107.99	108.81	1.07	ppb
Cadmium	106-1	176.21	168.77	167.43	170.80	2.77	ppb
Cadmium	108-1	137.91	139.16	140.27	139.11	0.85	ppb
Calcium	43-1	2177.53	2132.43	2210.02	2173.33	1.79	ppb
Calcium	44-1	2113.86	2124.30	2129.94	2122.70	0.38	ppb
Chromium	52-2	101.65	100.37	101.27	101.10	0.65	ppb
Cobalt	59-2	103.53	102.94	104.25	103.57	0.63	ppb
Copper	63-2	100.65	100.35	101.50	100.83	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				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	1036.81	1042.98	1056.20	1045.33	0.95	ppb
Iron	57-2	997.07	1063.80	1035.48	1032.12	3.25	ppb
Lead	206-1	203.58	205.09	206.09	204.92	0.62	ppb
Lead	207-1	193.93	196.41	196.04	195.46	0.68	ppb
Lead	208-1	204.85	205.73	206.70	205.76	0.45	ppb
Lithium	6-1				99		%
Magnesium	24-2	1232.88	1249.39	1242.20	1241.49	0.67	ppb
Manganese	55-2	105.41	99.51	104.92	103.28	3.17	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:04:39	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1217.66	1237.75	1223.15	1226.18	0.85	ppb
Molybdenum	95-1	516.68	527.03	526.31	523.34	1.10	ppb
Molybdenum	96-1	614.05	617.21	620.33	617.20	0.51	ppb
Molybdenum	97-1	521.40	529.98	523.01	524.80	0.87	ppb
Molybdenum	98-1	526.52	535.82	527.33	529.89	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.13	104.17	105.52	104.27	1.15	ppb
Phosphorus	31-2	17.64	-14.94	18.08	6.93	273.43	ppb
Potassium	39-2	1982.34	2005.66	2076.16	2021.39	2.42	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				88		%
Selenium	77-2	160.72	220.48	255.39	212.19	22.56	ppb
Selenium	78-2	228.80	197.69	213.64	213.38	7.29	ppb
Selenium	82-1	209.89	211.96	213.51	211.79	0.86	ppb
Silicon	28-1	532.55	509.97	515.55	519.36	2.27	ppb
Silver	109-1	105.59	106.93	107.33	106.62	0.85	ppb
Silver	107-1	106.83	107.49	107.32	107.22	0.32	ppb
Sodium	23-2	2141.03	2051.53	2109.87	2100.81	2.16	ppb
Strontium	86-1	520.43	527.53	526.41	524.79	0.73	ppb
Strontium	88-1	528.08	536.67	535.07	533.27	0.86	ppb
Sulfur	34-1	-1463.77	-1388.05	-1320.69	-1390.84		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	206.03	207.45	211.11	208.20	1.26	ppb
Thallium	205-1	212.32	215.47	215.04	214.27	0.80	ppb
Tin	118-1	549.54	551.11	551.12	550.59	0.16	ppb
Titanium	47-1	528.49	529.06	531.10	529.55	0.26	ppb
Uranium	238-1	525.46	524.01	528.70	526.05	0.46	ppb
Vanadium	51-2	101.32	102.61	102.85	102.26	0.80	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	209.16	206.97	208.39	208.18	0.53	ppb
Zirconium	90-1	554.01	552.74	552.13	552.96	0.17	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:04:39	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	541.49	542.43	538.40	540.78	0.39	ppb

LB Number : LB92745 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-01-18 13:12:00 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.49	-3.63	-5.69	-3.60		ppb
Antimony	121-1	0.08	0.10	0.07	0.09	18.37	ppb
Arsenic	75-2	0.03	0.06	0.06	0.05	34.25	ppb
Barium	135-1	0.01	0.05	0.03	0.03	76.23	ppb
Barium	137-1	0.01	0.00	0.04	0.02	100.36	ppb
Beryllium	9-1	0.20	0.25	0.22	0.22	10.70	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	14.20	11.98	11.71	12.63	10.83	ppb
Boron	11-1	12.30	11.56	11.58	11.82	3.54	ppb
Cadmium	111-1	0.02	0.04	0.07	0.04	57.53	ppb
Cadmium	106-1	0.29	0.89	1.21	0.80	58.49	ppb
Cadmium	108-1	0.04	0.09	0.09	0.07	36.18	ppb
Calcium	43-1	-8.62	-25.45	-10.42	-14.83		ppb
Calcium	44-1	-1.97	-6.60	-4.80	-4.46		ppb
Chromium	52-2	0.03	0.04	-0.06	0.00	2934.18	ppb
Cobalt	59-2	-0.01	0.04	0.00	0.01	270.23	ppb
Copper	63-2	0.02	0.03	0.03	0.03	31.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	3.54	3.16	2.96	3.22	9.12	ppb
Iron	57-2	2.24	1.56	2.13	1.97	18.43	ppb
Lead	206-1	0.04	0.05	0.04	0.04	20.36	ppb
Lead	207-1	0.04	0.03	0.03	0.03	19.57	ppb
Lead	208-1	0.05	0.05	0.05	0.05	8.28	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.64	1.23	1.98	1.28	52.23	ppb
Manganese	55-2	0.05	-0.08	0.07	0.01	564.05	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:12:00	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.07	0.04	0.06	25.75	ppb
Molybdenum	95-1	0.03	0.05	0.04	0.04	24.31	ppb
Molybdenum	96-1	0.05	0.05	0.05	0.05	8.65	ppb
Molybdenum	97-1	0.05	0.03	0.05	0.05	23.72	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	16.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.01	-0.11	-0.09		ppb
Phosphorus	31-2	49.24	-14.94	-14.94	6.45	574.35	ppb
Potassium	39-2	-10.50	-2.35	-19.77	-10.87		ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	7.01	2.34	173.21	ppb
Selenium	78-2	0.04	1.24	0.05	0.44	155.65	ppb
Selenium	82-1	-0.57	0.62	0.48	0.18	367.80	ppb
Silicon	28-1	-19.01	-19.56	-16.54	-18.37		ppb
Silver	109-1	0.01	0.01	0.01	0.01	42.17	ppb
Silver	107-1	0.01	0.01	0.01	0.01	37.49	ppb
Sodium	23-2	39.48	31.81	29.21	33.50	15.94	ppb
Strontium	86-1	0.06	0.01	0.00	0.02	149.22	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	63.46	ppb
Sulfur	34-1	-1337.50	-1705.45	-1459.27	-1500.74		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.07	0.06	0.06	7.83	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	5.10	ppb
Tin	118-1	0.04	0.04	0.05	0.05	17.10	ppb
Titanium	47-1	0.08	0.00	0.04	0.04	97.51	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	19.46	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	141.54	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	0.08	0.14	0.07	0.10	42.85	ppb
Zirconium	90-1	0.02	0.00	0.02	0.01	61.25	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:12:00	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.01	0.00	259.79	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:15:13	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90733.89	92609.56	106591.36	96644.94	8.97	ppb
Antimony	121-1	1.17	1.17	1.10	1.15	3.63	ppb
Arsenic	75-2	0.52	0.34	0.36	0.40	24.78	ppb
Barium	135-1	1.38	1.64	1.39	1.47	9.88	ppb
Barium	137-1	1.54	1.45	1.52	1.50	2.97	ppb
Beryllium	9-1	0.49	0.43	0.44	0.45	6.29	ppb
Bismuth	209-1				102		%
Bismuth	209-2				91		%
Boron	10-1	12.67	10.19	12.49	11.78	11.74	ppb
Boron	11-1	12.67	12.78	12.10	12.52	2.91	ppb
Cadmium	111-1	0.34	0.31	0.37	0.34	9.16	ppb
Cadmium	106-1	0.79	1.02	0.54	0.78	30.40	ppb
Cadmium	108-1	7.23	7.86	5.28	6.79	19.83	ppb
Calcium	43-1	96536.25	97829.64	96944.32	97103.40	0.68	ppb
Calcium	44-1	95620.41	95565.07	95827.13	95670.87	0.14	ppb
Chromium	52-2	20.12	20.05	23.02	21.06	8.05	ppb
Cobalt	59-2	1.13	1.22	1.44	1.26	12.42	ppb
Copper	63-2	7.46	7.73	8.84	8.01	9.15	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				103		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				89		%
Iron	56-2	99083.82	101706.12	116799.12	105863.02	9.03	ppb
Iron	57-2	97272.63	100128.97	114630.37	104010.66	8.95	ppb
Lead	206-1	4.99	4.84	4.78	4.87	2.21	ppb
Lead	207-1	4.26	4.26	4.10	4.20	2.19	ppb
Lead	208-1	4.61	4.53	4.47	4.54	1.48	ppb
Lithium	6-1				94		%
Magnesium	24-2	99071.46	100878.25	117498.69	105816.14	9.60	ppb
Manganese	55-2	7.41	8.47	9.33	8.41	11.44	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:15:13	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1379.43	1354.80	1353.66	1362.63	1.07	ppb
Molybdenum	95-1	1936.91	1951.98	1927.69	1938.86	0.63	ppb
Molybdenum	96-1	1869.39	1872.20	1863.44	1868.34	0.24	ppb
Molybdenum	97-1	1969.07	1944.19	1958.96	1957.40	0.64	ppb
Molybdenum	98-1	1912.20	1923.31	1922.60	1919.37	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.39	5.08	5.92	5.46	7.85	ppb
Phosphorus	31-2	102416.71	101328.98	121484.87	108410.18	10.46	ppb
Potassium	39-2	97592.18	100085.03	114838.08	104171.76	8.95	ppb
Rhodium	103-1				97		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				84		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.06	0.09	0.26	0.13	79.45	ppb
Selenium	82-1	0.18	0.90	0.96	0.68	64.10	ppb
Silicon	28-1	23.11	24.58	21.37	23.02	6.98	ppb
Silver	109-1	0.07	0.08	0.08	0.07	5.99	ppb
Silver	107-1	0.07	0.07	0.07	0.07	0.56	ppb
Sodium	23-2	97404.75	101168.88	116124.30	104899.31	9.44	ppb
Strontium	86-1	34.16	34.10	33.72	33.99	0.71	ppb
Strontium	88-1	34.18	34.24	34.34	34.25	0.23	ppb
Sulfur	34-1	98204.11	98678.94	97625.12	98169.39	0.54	ppb
Terbium	159-1				102		%
Terbium	159-2				94		%
Thallium	203-1	0.20	0.18	0.21	0.20	8.39	ppb
Thallium	205-1	0.16	0.17	0.19	0.18	7.10	ppb
Tin	118-1	0.18	0.16	0.15	0.17	9.04	ppb
Titanium	47-1	2003.22	2020.83	1987.63	2003.89	0.83	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	24.19	ppb
Vanadium	51-2	0.16	0.19	0.12	0.16	22.25	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	10.04	11.59	12.58	11.40	11.19	ppb
Zirconium	90-1	0.05	0.08	0.07	0.07	24.43	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:15:13	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.09	0.04	0.05	61.06	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:18:20	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89402.41	85719.07	89017.52	88046.33	2.30	ppb
Antimony	121-1	20.72	20.99	20.79	20.83	0.68	ppb
Arsenic	75-2	19.66	20.73	20.09	20.16	2.67	ppb
Barium	135-1	20.64	22.08	21.89	21.54	3.62	ppb
Barium	137-1	21.29	21.58	21.58	21.49	0.78	ppb
Beryllium	9-1	21.51	20.91	21.25	21.22	1.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	68.21	61.60	64.50	64.77	5.12	ppb
Boron	11-1	63.98	63.31	64.85	64.05	1.20	ppb
Cadmium	111-1	19.94	20.07	20.51	20.18	1.48	ppb
Cadmium	106-1	24.39	24.80	23.16	24.12	3.54	ppb
Cadmium	108-1	30.11	27.94	31.17	29.74	5.54	ppb
Calcium	43-1	96800.33	96804.45	96021.80	96542.19	0.47	ppb
Calcium	44-1	96007.70	95723.44	95263.01	95664.72	0.39	ppb
Chromium	52-2	39.62	37.93	39.19	38.91	2.26	ppb
Cobalt	59-2	20.99	19.90	20.77	20.55	2.80	ppb
Copper	63-2	26.50	25.40	26.24	26.05	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	97426.51	93879.41	97281.14	96195.69	2.09	ppb
Iron	57-2	96385.85	92213.80	96377.00	94992.22	2.53	ppb
Lead	206-1	24.72	25.08	24.44	24.74	1.30	ppb
Lead	207-1	23.00	23.11	22.71	22.94	0.90	ppb
Lead	208-1	23.83	23.92	23.61	23.78	0.67	ppb
Lithium	6-1				94		%
Magnesium	24-2	98242.43	94464.37	97451.62	96719.48	2.06	ppb
Manganese	55-2	27.07	25.59	27.26	26.64	3.45	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:18:20	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1461.66	1460.39	1458.26	1460.10	0.12	ppb
Molybdenum	95-1	1962.34	1975.81	1966.01	1968.05	0.35	ppb
Molybdenum	96-1	1897.35	1890.90	1890.94	1893.06	0.20	ppb
Molybdenum	97-1	1985.76	1971.22	1986.90	1981.29	0.44	ppb
Molybdenum	98-1	1932.10	1975.65	1948.50	1952.08	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.34	23.80	24.73	24.29	1.92	ppb
Phosphorus	31-2	103492.55	94208.71	97701.63	98467.63	4.76	ppb
Potassium	39-2	96593.42	92100.84	96119.74	94938.00	2.60	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	21.56	7.23	14.33	14.37	49.84	ppb
Selenium	78-2	23.31	27.19	22.00	24.17	11.15	ppb
Selenium	82-1	19.08	21.03	19.66	19.93	5.03	ppb
Silicon	28-1	77.80	76.76	76.94	77.17	0.72	ppb
Silver	109-1	18.70	19.15	19.36	19.07	1.78	ppb
Silver	107-1	18.76	19.33	19.25	19.11	1.62	ppb
Sodium	23-2	97152.15	93743.04	96055.06	95650.08	1.82	ppb
Strontium	86-1	77.51	77.37	77.11	77.33	0.26	ppb
Strontium	88-1	79.49	79.82	79.39	79.57	0.28	ppb
Sulfur	34-1	96158.82	98198.72	95949.57	96769.03	1.28	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	20.58	20.15	19.93	20.22	1.63	ppb
Thallium	205-1	20.57	20.56	20.35	20.49	0.61	ppb
Tin	118-1	44.76	45.44	45.10	45.10	0.75	ppb
Titanium	47-1	2061.12	2027.85	2060.92	2049.96	0.93	ppb
Uranium	238-1	44.53	44.87	44.17	44.52	0.79	ppb
Vanadium	51-2	20.28	19.16	19.99	19.81	2.92	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	32.57	29.84	30.47	30.96	4.61	ppb
Zirconium	90-1	46.96	47.02	46.99	46.99	0.06	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:18:20	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	45.93	46.34	47.35	46.54	1.57	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P8
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:21:28	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49020.85	49126.10	50517.64	49554.87	1.69	ppb
Antimony	121-1	514.47	516.05	519.85	516.79	0.54	ppb
Arsenic	75-2	510.39	507.65	510.63	509.56	0.33	ppb
Barium	135-1	2600.41	2615.59	2614.50	2610.17	0.32	ppb
Barium	137-1	2582.57	2575.57	2590.06	2582.73	0.28	ppb
Beryllium	9-1	543.74	544.24	544.20	544.06	0.05	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	526.61	550.63	547.15	541.46	2.40	ppb
Boron	11-1	518.32	549.81	555.89	541.34	3.73	ppb
Cadmium	111-1	501.49	504.19	506.07	503.92	0.46	ppb
Cadmium	106-1	503.71	507.00	506.55	505.75	0.35	ppb
Cadmium	108-1	504.49	503.46	506.85	504.93	0.34	ppb
Calcium	43-1	241885.62	251057.97	242943.56	245295.71	2.05	ppb
Calcium	44-1	242037.51	247127.30	244564.86	244576.56	1.04	ppb
Chromium	52-2	510.65	500.76	519.28	510.23	1.82	ppb
Cobalt	59-2	491.45	479.78	500.89	490.70	2.15	ppb
Copper	63-2	950.93	930.94	958.25	946.71	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	123044.73	120861.59	124760.79	122889.03	1.59	ppb
Iron	57-2	121245.09	119618.34	123862.76	121575.40	1.76	ppb
Lead	206-1	503.27	518.46	525.91	515.88	2.24	ppb
Lead	207-1	513.02	517.94	523.83	518.26	1.04	ppb
Lead	208-1	513.99	521.73	527.62	521.11	1.31	ppb
Lithium	6-1				94		%
Magnesium	24-2	247784.96	242905.20	251988.08	247559.42	1.84	ppb
Manganese	55-2	1002.07	999.36	1026.91	1009.45	1.50	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P8
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:21:28	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2559.84	2598.76	2606.48	2588.36	0.97	ppb
Molybdenum	95-1	2526.55	2573.81	2569.99	2556.78	1.03	ppb
Molybdenum	96-1	2552.08	2570.41	2566.52	2563.00	0.38	ppb
Molybdenum	97-1	2520.63	2543.56	2593.96	2552.72	1.47	ppb
Molybdenum	98-1	2525.35	2549.07	2561.27	2545.23	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.81	474.56	496.93	487.10	2.35	ppb
Phosphorus	31-2	9416.92	9437.05	9428.74	9427.57	0.11	ppb
Potassium	39-2	127697.98	123989.72	128326.38	126671.36	1.85	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	557.34	527.90	493.55	526.26	6.07	ppb
Selenium	78-2	491.51	481.97	525.85	499.78	4.62	ppb
Selenium	82-1	509.42	508.47	505.52	507.80	0.40	ppb
Silicon	28-1	539.19	562.92	558.96	553.69	2.30	ppb
Silver	109-1	511.17	513.01	510.78	511.65	0.23	ppb
Silver	107-1	511.72	513.39	515.25	513.46	0.34	ppb
Sodium	23-2	249833.89	245994.19	253956.33	249928.14	1.59	ppb
Strontium	86-1	516.08	520.09	516.34	517.50	0.43	ppb
Strontium	88-1	527.40	523.83	527.67	526.30	0.41	ppb
Sulfur	34-1	8957.14	9879.59	9206.41	9347.71	5.10	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	513.06	516.06	525.87	518.33	1.29	ppb
Thallium	205-1	515.03	515.74	522.61	517.80	0.81	ppb
Tin	118-1	517.74	518.66	519.01	518.47	0.13	ppb
Titanium	47-1	2576.06	2641.09	2615.30	2610.81	1.25	ppb
Uranium	238-1	519.84	519.48	519.42	519.58	0.04	ppb
Vanadium	51-2	510.04	503.64	518.01	510.56	1.41	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	961.62	945.83	984.17	963.88	2.00	ppb
Zirconium	90-1	515.42	517.11	514.15	515.56	0.29	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P8
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:21:28	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.72	503.59	504.93	503.74	0.22	ppb

LB Number : LB92745 Operator : Jaswal
 Lab Sample ID : CCB027 Instrumnet Name : P8
 Client Sample ID : CCB027 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-18 13:30:01 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-5.69	-5.69	-3.36	-4.91		ppb
Antimony	121-1	0.11	0.08	0.11	0.10	18.85	ppb
Arsenic	75-2	0.10	0.00	0.00	0.03	155.02	ppb
Barium	135-1	0.01	0.04	0.03	0.03	50.04	ppb
Barium	137-1	0.02	0.02	0.03	0.02	21.28	ppb
Beryllium	9-1	0.23	0.26	0.24	0.24	5.89	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	10.94	8.71	9.27	9.64	12.08	ppb
Boron	11-1	9.27	9.33	8.85	9.15	2.88	ppb
Cadmium	111-1	0.08	0.06	0.02	0.05	51.02	ppb
Cadmium	106-1	1.46	1.16	0.27	0.96	64.66	ppb
Cadmium	108-1	0.11	-0.04	-0.04	0.01	1461.27	ppb
Calcium	43-1	-9.31	-15.92	4.01	-7.07		ppb
Calcium	44-1	4.18	-1.71	1.62	1.37	216.01	ppb
Chromium	52-2	-0.01	0.03	0.03	0.02	152.41	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	9.61	ppb
Copper	63-2	0.04	0.04	0.02	0.03	47.14	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				91		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	6.30	5.81	5.92	6.01	4.32	ppb
Iron	57-2	7.49	3.21	8.79	6.50	44.92	ppb
Lead	206-1	0.08	0.10	0.08	0.09	12.14	ppb
Lead	207-1	0.09	0.08	0.08	0.08	10.90	ppb
Lead	208-1	0.10	0.09	0.09	0.09	9.24	ppb
Lithium	6-1				88		%
Magnesium	24-2	0.92	4.17	3.31	2.80	60.05	ppb
Manganese	55-2	0.07	0.02	0.12	0.07	76.02	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P8
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:30:01	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.07	0.10	0.07	48.37	ppb
Molybdenum	95-1	0.09	0.08	0.08	0.09	7.51	ppb
Molybdenum	96-1	0.05	0.06	0.05	0.05	7.47	ppb
Molybdenum	97-1	0.05	0.06	0.07	0.06	16.90	ppb
Molybdenum	98-1	0.09	0.07	0.08	0.08	11.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.06	0.07	0.00		ppb
Phosphorus	31-2	-14.94	-14.94	-14.94	-14.94		ppb
Potassium	39-2	45.40	10.41	31.78	29.20	60.42	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				88		%
Scandium	45-2				82		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.21	-1.15	1.45	0.17	749.38	ppb
Selenium	82-1	1.10	0.72	0.43	0.75	44.27	ppb
Silicon	28-1	-1.59	-14.51	-4.42	-6.84		ppb
Silver	109-1	0.01	0.03	0.02	0.02	30.51	ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.75	ppb
Sodium	23-2	63.97	49.90	67.41	60.43	15.35	ppb
Strontium	86-1	0.14	-0.03	0.02	0.04	200.34	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	21.78	ppb
Sulfur	34-1	894.28	-600.38	499.48	264.46	292.88	ppb
Terbium	159-1				91		%
Terbium	159-2				91		%
Thallium	203-1	0.08	0.08	0.10	0.09	11.42	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	11.31	ppb
Tin	118-1	0.05	0.01	0.03	0.03	67.44	ppb
Titanium	47-1	0.18	0.10	0.21	0.16	33.10	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	58.96	ppb
Vanadium	51-2	-0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%
Zinc	66-2	0.20	-0.02	-0.01	0.06	215.56	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	42.84	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P8
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:30:01	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.02	0.00	0.00	388.15	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:33:12	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.35	9.57	22.61	16.18	40.30	ppb
Antimony	121-1	1.90	1.86	1.82	1.86	2.28	ppb
Arsenic	75-2	0.79	1.11	1.12	1.00	18.41	ppb
Barium	135-1	8.80	9.66	9.15	9.20	4.68	ppb
Barium	137-1	9.59	9.11	9.31	9.34	2.55	ppb
Beryllium	9-1	1.08	1.28	1.20	1.19	8.80	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	26.52	28.28	28.67	27.83	4.12	ppb
Boron	11-1	28.43	28.97	29.03	28.81	1.15	ppb
Cadmium	111-1	1.05	0.96	1.00	1.00	4.62	ppb
Cadmium	106-1	2.59	2.30	1.55	2.15	25.19	ppb
Cadmium	108-1	0.79	1.10	1.14	1.01	18.97	ppb
Calcium	43-1	427.90	462.07	426.76	438.91	4.57	ppb
Calcium	44-1	435.80	438.47	431.09	435.12	0.86	ppb
Chromium	52-2	2.14	2.08	1.99	2.07	3.51	ppb
Cobalt	59-2	1.00	0.94	0.97	0.97	2.93	ppb
Copper	63-2	1.91	1.90	1.98	1.93	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	54.46	52.14	49.91	52.17	4.36	ppb
Iron	57-2	54.26	58.07	44.08	52.14	13.87	ppb
Lead	206-1	1.02	0.93	1.00	0.98	4.97	ppb
Lead	207-1	0.92	0.96	0.97	0.95	2.67	ppb
Lead	208-1	0.99	0.96	0.98	0.98	1.42	ppb
Lithium	6-1				96		%
Magnesium	24-2	494.62	467.71	470.20	477.51	3.11	ppb
Manganese	55-2	0.68	1.04	0.83	0.85	21.05	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:33:12	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.74	4.87	4.58	4.73	3.09	ppb
Molybdenum	95-1	4.63	4.67	4.61	4.64	0.66	ppb
Molybdenum	96-1	4.41	4.56	4.47	4.48	1.63	ppb
Molybdenum	97-1	4.67	4.58	4.87	4.71	3.13	ppb
Molybdenum	98-1	4.54	4.68	4.49	4.57	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.98	0.99	0.92	12.36	ppb
Phosphorus	31-2	18.78	-14.94	51.69	18.51	180.01	ppb
Potassium	39-2	472.68	468.71	478.29	473.23	1.02	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				87		%
Selenium	77-2	7.31	0.00	0.00	2.44	173.21	ppb
Selenium	78-2	2.59	2.70	5.16	3.48	41.75	ppb
Selenium	82-1	4.39	5.00	4.80	4.73	6.63	ppb
Silicon	28-1	-2.60	-5.18	-3.98	-3.92		ppb
Silver	109-1	1.00	0.95	1.00	0.98	2.54	ppb
Silver	107-1	1.02	0.94	0.97	0.98	4.48	ppb
Sodium	23-2	506.20	489.46	519.92	505.19	3.02	ppb
Strontium	86-1	0.89	0.92	0.89	0.90	1.64	ppb
Strontium	88-1	0.93	0.95	0.94	0.94	1.43	ppb
Sulfur	34-1	-785.99	-1239.88	-1131.51	-1052.46		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.97	1.09	0.96	1.01	6.92	ppb
Thallium	205-1	1.00	1.00	0.98	0.99	1.43	ppb
Tin	118-1	4.78	4.85	4.69	4.78	1.62	ppb
Titanium	47-1	4.42	4.60	4.34	4.46	3.01	ppb
Uranium	238-1	0.86	0.87	0.85	0.86	0.80	ppb
Vanadium	51-2	4.72	4.59	4.55	4.62	1.84	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	2.34	1.66	1.92	1.97	17.35	ppb
Zirconium	90-1	0.94	0.95	0.95	0.95	0.51	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:33:12	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.07	0.92	0.95	0.98	7.96	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P8
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:00:02	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49188.34	49998.26	48805.22	49330.61	1.23	ppb
Antimony	121-1	516.87	513.41	514.16	514.81	0.35	ppb
Arsenic	75-2	510.03	506.06	499.20	505.10	1.08	ppb
Barium	135-1	2576.09	2602.88	2589.38	2589.45	0.52	ppb
Barium	137-1	2547.68	2569.38	2563.19	2560.08	0.44	ppb
Beryllium	9-1	536.83	530.04	533.21	533.36	0.64	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	508.02	521.07	544.02	524.37	3.48	ppb
Boron	11-1	514.53	523.91	525.56	521.33	1.14	ppb
Cadmium	111-1	498.21	501.09	498.76	499.35	0.31	ppb
Cadmium	106-1	501.37	507.58	499.93	502.96	0.81	ppb
Cadmium	108-1	500.37	505.97	506.91	504.42	0.70	ppb
Calcium	43-1	243497.77	245255.91	243266.54	244006.74	0.45	ppb
Calcium	44-1	241467.91	242358.87	242066.45	241964.41	0.19	ppb
Chromium	52-2	499.37	505.27	492.28	498.98	1.30	ppb
Cobalt	59-2	480.70	489.90	476.70	482.44	1.40	ppb
Copper	63-2	931.44	942.93	920.12	931.50	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	121210.22	122271.19	120383.75	121288.38	0.78	ppb
Iron	57-2	119103.35	120839.30	118194.30	119378.98	1.13	ppb
Lead	206-1	521.10	505.50	509.71	512.11	1.58	ppb
Lead	207-1	525.25	517.32	507.35	516.64	1.74	ppb
Lead	208-1	526.00	516.63	515.53	519.38	1.11	ppb
Lithium	6-1				95		%
Magnesium	24-2	246694.37	249515.13	243637.45	246615.65	1.19	ppb
Manganese	55-2	995.89	998.95	981.21	992.02	0.96	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P8
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:00:02	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2574.74	2564.85	2579.63	2573.08	0.29	ppb
Molybdenum	95-1	2528.57	2518.55	2550.96	2532.69	0.66	ppb
Molybdenum	96-1	2551.44	2537.16	2542.92	2543.84	0.28	ppb
Molybdenum	97-1	2558.10	2561.40	2584.40	2567.97	0.56	ppb
Molybdenum	98-1	2523.02	2536.66	2527.68	2529.12	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.97	487.12	474.54	478.54	1.55	ppb
Phosphorus	31-2	10579.61	9628.59	9962.74	10056.98	4.80	ppb
Potassium	39-2	122388.99	126028.09	122471.28	123629.45	1.68	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				87		%
Selenium	77-2	559.63	500.02	495.08	518.24	6.93	ppb
Selenium	78-2	567.65	475.82	518.12	520.53	8.83	ppb
Selenium	82-1	501.25	505.29	500.64	502.39	0.50	ppb
Silicon	28-1	539.81	545.72	556.95	547.50	1.59	ppb
Silver	109-1	519.80	502.87	505.98	509.55	1.77	ppb
Silver	107-1	516.32	503.88	508.60	509.60	1.23	ppb
Sodium	23-2	245670.99	249314.54	243592.89	246192.81	1.18	ppb
Strontium	86-1	512.65	507.61	513.40	511.22	0.62	ppb
Strontium	88-1	524.87	522.83	524.13	523.94	0.20	ppb
Sulfur	34-1	10986.58	10613.08	10726.37	10775.34	1.78	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	524.14	523.71	514.87	520.91	1.01	ppb
Thallium	205-1	517.81	516.91	514.39	516.37	0.34	ppb
Tin	118-1	521.15	514.79	520.26	518.73	0.66	ppb
Titanium	47-1	2578.67	2562.79	2574.51	2571.99	0.32	ppb
Uranium	238-1	521.87	522.03	519.34	521.08	0.29	ppb
Vanadium	51-2	502.26	505.64	493.90	500.60	1.21	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	963.17	960.73	951.57	958.49	0.64	ppb
Zirconium	90-1	506.58	512.53	515.36	511.49	0.88	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P8
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:00:02	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.37	499.19	499.19	500.58	0.48	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P8
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:03:25	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-5.69	-5.69	2.73	-2.88		ppb
Antimony	121-1	0.17	0.16	0.22	0.18	18.81	ppb
Arsenic	75-2	-0.03	0.00	0.06	0.01	394.26	ppb
Barium	135-1	0.02	0.02	0.06	0.03	57.92	ppb
Barium	137-1	0.02	0.01	0.01	0.01	55.70	ppb
Beryllium	9-1	0.28	0.24	0.20	0.24	18.15	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	12.53	11.18	9.12	10.94	15.73	ppb
Boron	11-1	11.47	11.12	11.56	11.38	2.05	ppb
Cadmium	111-1	0.05	0.05	0.04	0.05	17.96	ppb
Cadmium	106-1	0.59	1.01	0.64	0.75	30.85	ppb
Cadmium	108-1	0.09	0.09	0.09	0.09	0.10	ppb
Calcium	43-1	-1.36	-9.39	-3.07	-4.61		ppb
Calcium	44-1	-12.90	-10.07	-11.14	-11.37		ppb
Chromium	52-2	0.04	0.01	0.10	0.05	97.13	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	1232.74	ppb
Copper	63-2	0.03	0.05	0.05	0.04	25.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	2.70	2.55	2.87	2.71	6.06	ppb
Iron	57-2	5.66	4.68	3.48	4.61	23.73	ppb
Lead	206-1	0.04	0.02	0.03	0.03	27.80	ppb
Lead	207-1	0.05	0.06	0.05	0.05	10.78	ppb
Lead	208-1	0.05	0.04	0.04	0.05	8.29	ppb
Lithium	6-1				100		%
Magnesium	24-2	-4.99	-1.57	-1.09	-2.55		ppb
Manganese	55-2	0.09	0.01	0.08	0.06	75.09	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P8
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:03:25	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.15	0.05	0.11	46.45	ppb
Molybdenum	95-1	0.11	0.12	0.10	0.11	8.53	ppb
Molybdenum	96-1	0.13	0.11	0.08	0.11	22.46	ppb
Molybdenum	97-1	0.09	0.15	0.09	0.11	31.82	ppb
Molybdenum	98-1	0.12	0.12	0.13	0.12	5.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.40	-0.18	-0.28	-0.28		ppb
Phosphorus	31-2	-14.94	-14.94	-14.94	-14.94		ppb
Potassium	39-2	-4.94	12.58	-14.49	-2.28		ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.07	0.07	-1.15	-0.34		ppb
Selenium	82-1	0.97	0.81	0.98	0.92	10.31	ppb
Silicon	28-1	-21.82	-17.81	-19.55	-19.73		ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.37	ppb
Silver	107-1	0.01	0.02	0.01	0.01	47.20	ppb
Sodium	23-2	37.94	49.99	32.31	40.08	22.53	ppb
Strontium	86-1	0.02	0.01	0.00	0.01	68.15	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	39.13	ppb
Sulfur	34-1	-903.62	-663.96	-629.50	-732.36		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.13	0.12	0.11	0.12	7.75	ppb
Thallium	205-1	0.12	0.12	0.11	0.12	5.22	ppb
Tin	118-1	0.07	0.06	0.08	0.07	16.93	ppb
Titanium	47-1	0.04	0.04	0.07	0.05	31.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	125.97	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	130.72	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	-0.04	0.11	0.11	0.06	142.98	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	12.93	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P8
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:03:25	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.02	0.03	49.82	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	PB105743BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:06:36	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.56	0.72	-3.55	-2.13		ppb
Antimony	121-1	0.05	0.05	0.05	0.05	4.44	ppb
Arsenic	75-2	0.03	-0.03	0.06	0.02	211.29	ppb
Barium	135-1	-0.01	0.01	0.01	0.00	714.08	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.06	0.11	0.24	0.14	70.74	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	4.17	5.20	4.16	4.51	13.29	ppb
Boron	11-1	5.17	5.25	4.17	4.86	12.34	ppb
Cadmium	111-1	0.05	0.03	0.05	0.04	26.12	ppb
Cadmium	106-1	1.15	0.65	0.81	0.87	29.08	ppb
Cadmium	108-1	0.00	0.08	0.00	0.03	179.53	ppb
Calcium	43-1	-12.15	-14.49	-19.04	-15.23		ppb
Calcium	44-1	-14.40	-12.84	-15.14	-14.13		ppb
Chromium	52-2	-0.05	-0.02	0.05	-0.01		ppb
Cobalt	59-2	-0.01	-0.02	0.00	-0.01		ppb
Copper	63-2	0.02	0.02	0.00	0.01	109.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	1.30	1.52	1.43	1.42	7.97	ppb
Iron	57-2	1.07	4.18	2.94	2.73	57.47	ppb
Lead	206-1	0.03	0.03	0.01	0.02	64.03	ppb
Lead	207-1	0.02	0.04	0.01	0.02	52.09	ppb
Lead	208-1	0.03	0.04	0.03	0.03	17.82	ppb
Lithium	6-1				100		%
Magnesium	24-2	-4.11	-5.88	-2.71	-4.23		ppb
Manganese	55-2	0.03	0.06	0.03	0.04	32.75	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	PB105743BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:06:36	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.00	0.01	71.69	ppb
Molybdenum	95-1	0.01	0.04	0.02	0.02	61.52	ppb
Molybdenum	96-1	0.03	0.06	0.03	0.04	42.67	ppb
Molybdenum	97-1	0.01	0.04	0.04	0.03	45.16	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	33.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.21	-0.28	-0.18	-0.22		ppb
Phosphorus	31-2	-14.94	17.74	-14.94	-4.05		ppb
Potassium	39-2	2.47	9.71	-15.17	-1.00		ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.15	-1.15	2.53	0.08	2734.29	ppb
Selenium	82-1	0.80	0.88	0.31	0.66	46.72	ppb
Silicon	28-1	-23.30	-22.58	-22.94	-22.94		ppb
Silver	109-1	0.00	0.00	0.00	0.00	481.30	ppb
Silver	107-1	0.00	0.01	0.01	0.01	100.04	ppb
Sodium	23-2	33.18	59.68	32.71	41.86	36.88	ppb
Strontium	86-1	0.02	0.03	0.00	0.01	123.45	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	129.60	ppb
Sulfur	34-1	-712.84	-490.15	-1141.11	-781.37		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.05	0.06	0.06	3.63	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	20.50	ppb
Tin	118-1	0.06	0.04	0.03	0.04	35.99	ppb
Titanium	47-1	0.11	0.04	0.01	0.05	87.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	74.24	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	-0.03	-0.14	-0.07	-0.08		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	44.55	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	PB105743BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:06:36	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	-0.01	0.00	614.33	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	PB105743BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:09:47	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.11	36.29	17.88	26.76	34.46	ppb
Antimony	121-1	3.80	3.95	3.99	3.91	2.64	ppb
Arsenic	75-2	1.59	1.81	1.79	1.73	7.24	ppb
Barium	135-1	18.78	18.88	19.15	18.94	1.02	ppb
Barium	137-1	19.00	19.62	18.77	19.13	2.30	ppb
Beryllium	9-1	2.13	2.18	1.94	2.08	6.10	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	56.33	47.78	51.02	51.71	8.35	ppb
Boron	11-1	46.57	47.79	48.39	47.58	1.95	ppb
Cadmium	111-1	2.01	1.96	2.05	2.01	2.20	ppb
Cadmium	106-1	2.21	2.97	2.48	2.55	14.96	ppb
Cadmium	108-1	1.49	1.66	2.32	1.82	23.81	ppb
Calcium	43-1	957.01	912.16	914.91	928.03	2.71	ppb
Calcium	44-1	893.28	898.93	925.23	905.81	1.88	ppb
Chromium	52-2	4.46	4.20	4.26	4.31	3.20	ppb
Cobalt	59-2	1.96	1.86	1.99	1.93	3.44	ppb
Copper	63-2	3.96	3.68	3.86	3.83	3.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	414.97	403.16	411.79	409.97	1.49	ppb
Iron	57-2	408.24	407.27	409.00	408.17	0.21	ppb
Lead	206-1	1.88	1.95	1.97	1.93	2.28	ppb
Lead	207-1	1.88	1.93	1.96	1.92	1.96	ppb
Lead	208-1	1.89	1.90	1.95	1.91	1.62	ppb
Lithium	6-1				100		%
Magnesium	24-2	913.97	966.09	943.30	941.12	2.78	ppb
Manganese	55-2	2.25	1.72	1.72	1.90	16.19	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	PB105743BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:09:47	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.81	9.85	9.75	9.80	0.50	ppb
Molybdenum	95-1	9.50	9.76	9.37	9.54	2.09	ppb
Molybdenum	96-1	9.28	9.27	9.50	9.35	1.40	ppb
Molybdenum	97-1	9.92	9.60	8.97	9.50	5.09	ppb
Molybdenum	98-1	9.47	9.21	9.41	9.36	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.98	1.82	2.06	1.95	6.32	ppb
Phosphorus	31-2	17.48	49.31	-14.94	17.28	185.88	ppb
Potassium	39-2	941.45	995.70	988.36	975.17	3.02	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	77-2	0.00	7.22	7.14	4.79	86.61	ppb
Selenium	78-2	7.29	9.92	13.45	10.22	30.22	ppb
Selenium	82-1	10.61	11.44	11.59	11.21	4.68	ppb
Silicon	28-1	11.61	11.21	12.59	11.81	6.03	ppb
Silver	109-1	2.11	1.88	1.89	1.96	6.77	ppb
Silver	107-1	2.11	1.98	2.03	2.04	3.34	ppb
Sodium	23-2	947.74	944.99	958.32	950.35	0.74	ppb
Strontium	86-1	2.09	1.89	2.03	2.00	5.00	ppb
Strontium	88-1	1.99	1.97	1.99	1.98	0.57	ppb
Sulfur	34-1	-1077.19	-860.22	-752.82	-896.74		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	1.90	2.00	1.95	1.95	2.66	ppb
Thallium	205-1	1.92	1.98	1.92	1.94	1.67	ppb
Tin	118-1	9.78	9.60	9.61	9.67	1.02	ppb
Titanium	47-1	9.62	9.18	9.05	9.28	3.24	ppb
Uranium	238-1	1.80	1.88	1.82	1.83	2.06	ppb
Vanadium	51-2	9.55	9.68	9.78	9.67	1.17	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	4.51	4.10	3.89	4.16	7.64	ppb
Zirconium	90-1	2.05	1.99	2.05	2.03	1.64	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	PB105743BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:09:47	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.98	2.02	1.82	1.94	5.48	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-01	Instrumnet Name :	P8
Client Sample ID :	MF6A00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:12:59	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11132.87	11365.51	10415.41	10971.26	4.51	ppb
Antimony	121-1	0.50	0.55	0.52	0.52	4.18	ppb
Arsenic	75-2	36.25	35.43	34.27	35.32	2.83	ppb
Barium	135-1	501.23	507.25	506.72	505.07	0.66	ppb
Barium	137-1	507.42	507.49	506.53	507.15	0.11	ppb
Beryllium	9-1	1.59	1.65	1.65	1.63	2.20	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	11.54	11.29	14.70	12.51	15.21	ppb
Boron	11-1	11.43	12.27	11.28	11.66	4.58	ppb
Cadmium	111-1	0.47	0.37	0.35	0.40	15.95	ppb
Cadmium	106-1	2.98	1.82	1.12	1.97	47.45	ppb
Cadmium	108-1	0.58	0.50	0.62	0.57	11.21	ppb
Calcium	43-1	14248.66	14518.40	14251.59	14339.55	1.08	ppb
Calcium	44-1	14622.13	14626.56	14576.67	14608.45	0.19	ppb
Chromium	52-2	21.02	21.20	20.36	20.86	2.14	ppb
Cobalt	59-2	10.74	10.89	10.20	10.61	3.42	ppb
Copper	63-2	21.01	20.04	19.53	20.19	3.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	17956.84	18160.63	17173.60	17763.69	2.93	ppb
Iron	57-2	17637.42	17704.88	16856.59	17399.63	2.71	ppb
Lead	206-1	69.41	69.71	69.85	69.66	0.32	ppb
Lead	207-1	62.85	62.83	63.67	63.11	0.76	ppb
Lead	208-1	65.93	66.02	66.58	66.18	0.54	ppb
Lithium	6-1				99		%
Magnesium	24-2	2045.92	2115.06	1952.01	2037.67	4.02	ppb
Manganese	55-2	915.50	930.61	878.39	908.17	2.96	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-01	Instrumnet Name :	P8
Client Sample ID :	MF6A00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:12:59	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.15	5.24	5.00	5.13	2.39	ppb
Molybdenum	95-1	0.80	0.72	0.72	0.74	6.29	ppb
Molybdenum	96-1	1.24	1.32	1.29	1.28	3.13	ppb
Molybdenum	97-1	0.71	0.69	0.74	0.71	3.44	ppb
Molybdenum	98-1	0.71	0.70	0.66	0.69	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.74	13.06	11.81	12.53	5.19	ppb
Phosphorus	31-2	369.99	704.21	233.61	435.93	55.54	ppb
Potassium	39-2	598.93	602.66	585.57	595.72	1.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	77-2	66.86	33.91	46.45	49.07	33.89	ppb
Selenium	78-2	5.68	5.78	7.88	6.45	19.33	ppb
Selenium	82-1	2.81	2.79	2.30	2.63	10.94	ppb
Silicon	28-1	2150.47	2190.89	2448.22	2263.19	7.14	ppb
Silver	109-1	0.20	0.23	0.26	0.23	13.79	ppb
Silver	107-1	0.25	0.24	0.26	0.25	4.42	ppb
Sodium	23-2	122.48	134.79	116.34	124.54	7.55	ppb
Strontium	86-1	54.53	53.76	54.91	54.40	1.08	ppb
Strontium	88-1	55.87	55.46	55.20	55.51	0.60	ppb
Sulfur	34-1	-1172.85	-1118.80	-1498.88	-1263.51		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.27	0.29	0.28	0.28	4.33	ppb
Thallium	205-1	0.29	0.27	0.30	0.29	5.40	ppb
Tin	118-1	1.20	1.22	1.24	1.22	1.60	ppb
Titanium	47-1	63.03	16.70	19.14	32.96	79.10	ppb
Uranium	238-1	3.25	3.25	3.20	3.23	1.02	ppb
Vanadium	51-2	38.21	37.80	36.67	37.56	2.13	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	93.83	98.05	87.55	93.14	5.68	ppb
Zirconium	90-1	2.99	3.01	3.01	3.01	0.45	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-01	Instrumnet Name :	P8
Client Sample ID :	MF6A00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:12:59	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.86	3.04	2.97	2.96	3.11	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-02	Instrumnet Name :	P8
Client Sample ID :	MF6A00D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:16:10	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10907.64	12112.76	11033.24	11351.21	5.84	ppb
Antimony	121-1	0.56	0.56	0.53	0.55	3.35	ppb
Arsenic	75-2	34.62	39.28	35.97	36.63	6.54	ppb
Barium	135-1	505.71	497.58	502.76	502.02	0.82	ppb
Barium	137-1	503.62	502.47	504.59	503.56	0.21	ppb
Beryllium	9-1	1.37	1.68	1.47	1.50	10.36	ppb
Bismuth	209-1				107		%
Bismuth	209-2				97		%
Boron	10-1	12.69	10.50	11.27	11.49	9.68	ppb
Boron	11-1	10.01	9.85	10.29	10.05	2.24	ppb
Cadmium	111-1	0.39	0.47	0.39	0.42	10.24	ppb
Cadmium	106-1	2.18	1.99	1.08	1.75	33.50	ppb
Cadmium	108-1	0.55	0.67	0.72	0.64	13.69	ppb
Calcium	43-1	14333.43	14443.30	13953.97	14243.57	1.80	ppb
Calcium	44-1	14478.29	14639.12	14281.57	14466.33	1.24	ppb
Chromium	52-2	20.59	22.92	21.58	21.70	5.40	ppb
Cobalt	59-2	10.42	11.65	11.03	11.04	5.55	ppb
Copper	63-2	20.03	22.02	21.35	21.13	4.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				91		%
Iron	56-2	17526.81	19431.29	18217.26	18391.79	5.24	ppb
Iron	57-2	16978.80	18992.54	18003.22	17991.52	5.60	ppb
Lead	206-1	68.28	67.95	67.63	67.95	0.47	ppb
Lead	207-1	61.13	62.30	61.64	61.69	0.94	ppb
Lead	208-1	64.30	64.97	64.70	64.66	0.52	ppb
Lithium	6-1				98		%
Magnesium	24-2	2054.43	2191.16	2065.81	2103.80	3.61	ppb
Manganese	55-2	879.97	986.85	919.82	928.88	5.81	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-02	Instrumnet Name :	P8
Client Sample ID :	MF6A00D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:16:10	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.02	4.96	5.05	5.01	0.90	ppb
Molybdenum	95-1	0.71	0.71	0.69	0.70	1.45	ppb
Molybdenum	96-1	1.31	1.22	1.25	1.26	3.86	ppb
Molybdenum	97-1	0.71	0.70	0.77	0.73	5.20	ppb
Molybdenum	98-1	0.72	0.71	0.74	0.73	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.24	15.29	12.91	13.48	11.89	ppb
Phosphorus	31-2	659.61	701.03	794.56	718.40	9.62	ppb
Potassium	39-2	585.04	679.69	560.09	608.28	10.37	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	54.14	53.52	48.11	51.92	6.38	ppb
Selenium	78-2	6.91	7.96	9.38	8.08	15.35	ppb
Selenium	82-1	2.32	3.19	3.41	2.97	19.50	ppb
Silicon	28-1	2577.83	2204.77	2068.84	2283.81	11.54	ppb
Silver	109-1	0.24	0.25	0.27	0.25	5.49	ppb
Silver	107-1	0.25	0.26	0.29	0.27	7.97	ppb
Sodium	23-2	117.24	149.71	137.78	134.91	12.17	ppb
Strontium	86-1	52.89	53.64	52.64	53.06	0.99	ppb
Strontium	88-1	54.63	54.97	54.65	54.75	0.35	ppb
Sulfur	34-1	-1497.14	-1567.14	-1682.69	-1582.32		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	0.21	0.24	0.24	0.23	7.07	ppb
Thallium	205-1	0.20	0.23	0.20	0.21	7.05	ppb
Tin	118-1	1.16	1.17	1.18	1.17	0.97	ppb
Titanium	47-1	16.63	19.30	16.49	17.47	9.06	ppb
Uranium	238-1	3.17	3.20	3.21	3.19	0.61	ppb
Vanadium	51-2	37.38	41.74	37.75	38.95	6.20	ppb
Yttrium	89-1				108		%
Yttrium	89-2				96		%
Zinc	66-2	93.81	98.66	96.15	96.20	2.52	ppb
Zirconium	90-1	2.91	2.93	3.02	2.96	1.96	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-02	Instrumnet Name :	P8
Client Sample ID :	MF6A00D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:16:10	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.95	3.02	2.99	2.99	1.07	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-01LX5	Instrumnet Name :	P8
Client Sample ID :	MF6A00L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-18 15:19:21	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2434.89	2384.69	2512.14	2443.91	2.63	ppb
Antimony	121-1	0.17	0.13	0.14	0.15	12.39	ppb
Arsenic	75-2	8.16	8.18	8.39	8.24	1.52	ppb
Barium	135-1	108.49	107.47	106.02	107.33	1.16	ppb
Barium	137-1	107.92	110.89	107.35	108.72	1.75	ppb
Beryllium	9-1	0.28	0.30	0.40	0.32	19.46	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	4.12	4.51	3.65	4.09	10.55	ppb
Boron	11-1	3.98	4.19	4.13	4.10	2.56	ppb
Cadmium	111-1	0.16	0.09	0.11	0.12	27.82	ppb
Cadmium	106-1	1.91	0.72	0.17	0.93	95.52	ppb
Cadmium	108-1	0.17	0.17	0.13	0.16	16.04	ppb
Calcium	43-1	3158.65	3045.91	3139.67	3114.74	1.94	ppb
Calcium	44-1	3100.57	3042.70	3058.88	3067.38	0.97	ppb
Chromium	52-2	4.48	4.53	4.84	4.62	4.22	ppb
Cobalt	59-2	2.18	2.29	2.46	2.31	6.14	ppb
Copper	63-2	4.44	4.34	4.52	4.43	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	3699.03	3780.49	3811.92	3763.81	1.55	ppb
Iron	57-2	3752.02	3822.38	3686.96	3753.79	1.80	ppb
Lead	206-1	14.99	14.71	14.88	14.86	0.95	ppb
Lead	207-1	13.76	13.27	13.64	13.55	1.89	ppb
Lead	208-1	14.35	14.16	14.18	14.23	0.74	ppb
Lithium	6-1				97		%
Magnesium	24-2	397.25	421.19	412.91	410.45	2.96	ppb
Manganese	55-2	189.69	196.07	192.90	192.89	1.65	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-01LX5	Instrumnet Name :	P8
Client Sample ID :	MF6A00L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-18 15:19:21	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.14	1.09	1.15	1.13	3.11	ppb
Molybdenum	95-1	0.12	0.13	0.20	0.15	26.71	ppb
Molybdenum	96-1	0.28	0.27	0.28	0.28	2.29	ppb
Molybdenum	97-1	0.17	0.15	0.12	0.15	17.14	ppb
Molybdenum	98-1	0.14	0.15	0.15	0.15	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.86	2.56	2.55	2.66	6.72	ppb
Phosphorus	31-2	17.71	118.03	119.50	85.08	68.58	ppb
Potassium	39-2	121.48	108.25	113.16	114.29	5.85	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				87		%
Selenium	77-2	0.00	14.30	7.13	7.14	100.10	ppb
Selenium	78-2	2.52	3.72	3.71	3.32	20.79	ppb
Selenium	82-1	1.39	1.22	1.58	1.40	12.80	ppb
Silicon	28-1	457.26	430.57	427.98	438.60	3.70	ppb
Silver	109-1	0.06	0.08	0.07	0.07	19.50	ppb
Silver	107-1	0.07	0.06	0.06	0.06	11.97	ppb
Sodium	23-2	49.09	51.51	52.85	51.15	3.73	ppb
Strontium	86-1	12.27	12.63	12.03	12.31	2.44	ppb
Strontium	88-1	12.45	12.20	12.39	12.35	1.03	ppb
Sulfur	34-1	-1734.33	-1924.13	-1947.26	-1868.57		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.04	0.04	14.03	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	15.85	ppb
Tin	118-1	0.33	0.28	0.30	0.30	8.35	ppb
Titanium	47-1	4.00	3.35	3.81	3.72	8.94	ppb
Uranium	238-1	0.67	0.66	0.68	0.67	2.03	ppb
Vanadium	51-2	7.92	8.47	8.44	8.28	3.74	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	22.02	20.82	21.16	21.33	2.92	ppb
Zirconium	90-1	0.65	0.64	0.67	0.65	2.64	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-01LX5	Instrumnet Name :	P8
Client Sample ID :	MF6A00L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-18 15:19:21	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.68	0.58	0.58	0.61	9.19	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-03RE	Instrumnet Name :	P8
Client Sample ID :	MF6A00S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:22:32	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11612.90	10835.90	11470.69	11306.50	3.66	ppb
Antimony	121-1	28.86	28.75	29.31	28.97	1.02	ppb
Arsenic	75-2	43.28	43.50	43.86	43.55	0.68	ppb
Barium	135-1	1087.28	1085.54	1100.88	1091.23	0.77	ppb
Barium	137-1	1088.46	1092.68	1104.74	1095.29	0.77	ppb
Beryllium	9-1	16.65	16.27	16.31	16.41	1.27	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	9.13	6.99	9.51	8.54	15.88	ppb
Boron	11-1	8.79	8.47	9.96	9.07	8.66	ppb
Cadmium	111-1	15.29	14.93	14.99	15.07	1.27	ppb
Cadmium	106-1	14.12	12.77	15.35	14.08	9.18	ppb
Cadmium	108-1	13.45	14.52	13.68	13.88	4.07	ppb
Calcium	43-1	13915.80	14042.90	13996.96	13985.22	0.46	ppb
Calcium	44-1	14215.12	14250.93	14253.43	14239.83	0.15	ppb
Chromium	52-2	78.37	76.24	79.53	78.05	2.14	ppb
Cobalt	59-2	157.97	154.45	162.39	158.27	2.51	ppb
Copper	63-2	93.97	90.02	97.35	93.78	3.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	17963.76	17117.54	18497.49	17859.60	3.90	ppb
Iron	57-2	17552.96	16818.25	17930.56	17433.93	3.24	ppb
Lead	206-1	72.30	71.65	72.41	72.12	0.57	ppb
Lead	207-1	66.21	65.88	66.18	66.09	0.28	ppb
Lead	208-1	68.92	68.83	69.45	69.07	0.48	ppb
Lithium	6-1				96		%
Magnesium	24-2	1994.45	1883.58	2078.01	1985.35	4.91	ppb
Manganese	55-2	1040.70	991.59	1066.68	1032.99	3.69	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-03RE	Instrumnet Name :	P8
Client Sample ID :	MF6A00S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:22:32	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.09	5.06	5.14	5.10	0.78	ppb
Molybdenum	95-1	0.65	0.67	0.69	0.67	3.45	ppb
Molybdenum	96-1	1.25	1.25	1.23	1.25	0.94	ppb
Molybdenum	97-1	0.66	0.58	0.64	0.63	6.74	ppb
Molybdenum	98-1	0.67	0.67	0.62	0.65	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	164.06	158.05	165.47	162.53	2.42	ppb
Phosphorus	31-2	488.99	508.76	433.17	476.97	8.22	ppb
Potassium	39-2	561.26	558.83	590.07	570.06	3.05	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				86		%
Selenium	77-2	69.06	55.71	109.97	78.25	36.13	ppb
Selenium	78-2	48.21	40.33	38.62	42.39	12.08	ppb
Selenium	82-1	29.67	31.53	31.40	30.87	3.36	ppb
Silicon	28-1	2083.03	2055.82	2077.72	2072.19	0.70	ppb
Silver	109-1	14.52	14.50	14.66	14.56	0.60	ppb
Silver	107-1	14.46	14.70	14.77	14.64	1.09	ppb
Sodium	23-2	125.57	133.01	143.15	133.91	6.59	ppb
Strontium	86-1	53.07	53.24	52.38	52.90	0.86	ppb
Strontium	88-1	54.29	54.38	54.03	54.23	0.34	ppb
Sulfur	34-1	-1758.22	-1913.46	-1669.37	-1780.35		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	14.13	13.96	14.31	14.13	1.23	ppb
Thallium	205-1	14.20	14.11	14.00	14.10	0.73	ppb
Tin	118-1	1.18	1.05	1.14	1.12	5.96	ppb
Titanium	47-1	16.49	15.54	16.96	16.33	4.42	ppb
Uranium	238-1	3.15	3.15	3.19	3.16	0.74	ppb
Vanadium	51-2	180.91	175.10	186.11	180.71	3.05	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	240.93	229.16	244.60	238.23	3.39	ppb
Zirconium	90-1	2.87	2.84	2.98	2.90	2.64	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-03RE	Instrumnet Name :	P8
Client Sample ID :	MF6A00S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:22:32	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.31	2.87	2.65	2.94	11.43	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-04	Instrumnet Name :	P8
Client Sample ID :	MF6A01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:25:42	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9463.44	10228.85	9622.25	9771.51	4.13	ppb
Antimony	121-1	0.63	0.50	0.55	0.56	11.51	ppb
Arsenic	75-2	32.14	31.76	30.40	31.43	2.92	ppb
Barium	135-1	466.46	457.31	464.82	462.86	1.05	ppb
Barium	137-1	468.20	457.34	467.71	464.42	1.32	ppb
Beryllium	9-1	1.32	1.24	1.15	1.24	6.86	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	10.49	8.66	8.88	9.34	10.69	ppb
Boron	11-1	9.80	9.44	9.95	9.73	2.71	ppb
Cadmium	111-1	0.27	0.31	0.28	0.29	6.06	ppb
Cadmium	106-1	2.42	1.63	1.90	1.98	20.38	ppb
Cadmium	108-1	0.56	0.54	0.25	0.45	37.85	ppb
Calcium	43-1	14874.26	14858.64	14792.25	14841.72	0.29	ppb
Calcium	44-1	15150.84	14934.27	14964.36	15016.49	0.78	ppb
Chromium	52-2	19.98	20.37	20.07	20.14	1.01	ppb
Cobalt	59-2	7.90	8.52	8.14	8.19	3.81	ppb
Copper	63-2	19.63	21.56	20.67	20.62	4.68	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				103		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	14598.29	15431.95	15214.10	15081.45	2.87	ppb
Iron	57-2	14233.10	15305.29	14882.82	14807.07	3.65	ppb
Lead	206-1	66.46	66.09	65.87	66.14	0.45	ppb
Lead	207-1	60.55	60.37	59.72	60.22	0.72	ppb
Lead	208-1	63.32	63.26	62.91	63.16	0.35	ppb
Lithium	6-1				96		%
Magnesium	24-2	1834.41	1979.93	1926.57	1913.64	3.85	ppb
Manganese	55-2	586.79	629.25	615.35	610.46	3.55	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-04	Instrumnet Name :	P8
Client Sample ID :	MF6A01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:25:42	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.74	4.48	4.30	4.51	4.93	ppb
Molybdenum	95-1	0.51	0.57	0.59	0.56	6.96	ppb
Molybdenum	96-1	1.20	1.19	1.13	1.17	3.22	ppb
Molybdenum	97-1	0.61	0.60	0.69	0.63	7.80	ppb
Molybdenum	98-1	0.63	0.55	0.60	0.59	6.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.37	11.67	11.87	11.64	2.13	ppb
Phosphorus	31-2	417.62	980.55	719.01	705.73	39.92	ppb
Potassium	39-2	568.77	698.99	659.96	642.57	10.40	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				84		%
Selenium	77-2	92.51	29.19	29.05	50.25	72.84	ppb
Selenium	78-2	9.75	11.28	9.98	10.34	7.94	ppb
Selenium	82-1	2.45	2.38	2.49	2.44	2.24	ppb
Silicon	28-1	2235.19	2146.89	2103.05	2161.71	3.11	ppb
Silver	109-1	0.18	0.18	0.18	0.18	0.78	ppb
Silver	107-1	0.23	0.23	0.24	0.23	2.37	ppb
Sodium	23-2	122.40	154.95	136.65	138.00	11.82	ppb
Strontium	86-1	54.93	54.60	54.78	54.77	0.31	ppb
Strontium	88-1	56.80	56.38	56.22	56.47	0.53	ppb
Sulfur	34-1	-1444.48	-1493.11	-1476.16	-1471.25		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.15	0.15	0.16	0.15	3.91	ppb
Thallium	205-1	0.15	0.15	0.14	0.15	4.63	ppb
Tin	118-1	1.24	1.14	1.12	1.17	5.73	ppb
Titanium	47-1	16.68	16.96	16.52	16.72	1.34	ppb
Uranium	238-1	2.55	2.54	2.56	2.55	0.43	ppb
Vanadium	51-2	31.55	33.22	31.55	32.11	3.00	ppb
Yttrium	89-1				105		%
Yttrium	89-2				94		%
Zinc	66-2	93.40	98.43	94.82	95.55	2.71	ppb
Zirconium	90-1	2.70	2.67	2.62	2.67	1.45	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-04	Instrumnet Name :	P8
Client Sample ID :	MF6A01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:25:42	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.48	2.42	2.70	2.54	5.77	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-05	Instrumnet Name :	P8
Client Sample ID :	MF6A04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:28:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6082.40	6063.89	5926.95	6024.41	1.41	ppb
Antimony	121-1	0.39	0.40	0.38	0.39	2.05	ppb
Arsenic	75-2	7.38	7.84	7.78	7.67	3.27	ppb
Barium	135-1	148.07	144.46	143.46	145.33	1.67	ppb
Barium	137-1	146.93	143.50	145.50	145.31	1.19	ppb
Beryllium	9-1	0.61	0.60	0.54	0.58	6.55	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	4.22	3.49	4.70	4.14	14.68	ppb
Boron	11-1	3.70	3.74	3.33	3.59	6.31	ppb
Cadmium	111-1	0.08	0.09	0.10	0.09	15.17	ppb
Cadmium	106-1	0.90	1.18	0.47	0.85	42.10	ppb
Cadmium	108-1	0.31	0.64	0.09	0.34	81.07	ppb
Calcium	43-1	1513.24	1444.09	1400.99	1452.78	3.90	ppb
Calcium	44-1	1489.55	1456.73	1466.25	1470.84	1.15	ppb
Chromium	52-2	18.31	17.42	17.74	17.82	2.51	ppb
Cobalt	59-2	4.52	4.52	4.44	4.49	1.10	ppb
Copper	63-2	5.49	5.47	5.29	5.42	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	56-2	19339.69	19221.68	19158.42	19239.93	0.48	ppb
Iron	57-2	19023.85	18944.15	18710.28	18892.76	0.86	ppb
Lead	206-1	41.24	40.18	40.41	40.61	1.38	ppb
Lead	207-1	37.09	36.75	37.45	37.09	0.95	ppb
Lead	208-1	39.17	38.61	39.07	38.95	0.77	ppb
Lithium	6-1				96		%
Magnesium	24-2	908.31	867.23	880.13	885.22	2.37	ppb
Manganese	55-2	452.75	444.80	443.51	447.02	1.12	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-05	Instrumnet Name :	P8
Client Sample ID :	MF6A04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:28:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.47	1.39	1.42	1.43	2.85	ppb
Molybdenum	95-1	1.25	1.23	1.10	1.19	6.61	ppb
Molybdenum	96-1	1.23	1.34	1.28	1.28	4.48	ppb
Molybdenum	97-1	1.15	1.28	1.22	1.22	5.59	ppb
Molybdenum	98-1	1.22	1.14	1.10	1.15	5.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.51	5.26	5.36	5.38	2.29	ppb
Phosphorus	31-2	220.60	253.13	283.92	252.55	12.54	ppb
Potassium	39-2	283.15	227.06	278.64	262.95	11.85	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				87		%
Selenium	77-2	21.68	7.29	7.25	12.07	68.90	ppb
Selenium	78-2	-1.15	0.09	2.56	0.50	375.41	ppb
Selenium	82-1	2.47	2.44	1.77	2.23	17.68	ppb
Silicon	28-1	2289.12	1878.86	1814.84	1994.28	12.90	ppb
Silver	109-1	0.18	0.15	0.14	0.16	11.32	ppb
Silver	107-1	0.14	0.13	0.13	0.13	4.31	ppb
Sodium	23-2	168.64	249.95	150.01	189.54	28.04	ppb
Strontium	86-1	11.04	11.14	10.75	10.97	1.83	ppb
Strontium	88-1	11.25	11.37	11.29	11.30	0.53	ppb
Sulfur	34-1	-2175.37	-2565.46	-2301.78	-2347.54		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.10	0.11	0.11	0.11	5.86	ppb
Thallium	205-1	0.10	0.10	0.08	0.09	13.26	ppb
Tin	118-1	0.68	0.55	0.58	0.60	10.84	ppb
Titanium	47-1	32.33	31.26	30.99	31.53	2.24	ppb
Uranium	238-1	0.46	0.45	0.50	0.47	5.92	ppb
Vanadium	51-2	45.17	44.47	44.14	44.59	1.18	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	16.59	17.40	16.33	16.77	3.34	ppb
Zirconium	90-1	0.51	0.39	0.43	0.44	14.45	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-05	Instrumnet Name :	P8
Client Sample ID :	MF6A04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:28:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.49	0.43	0.55	0.49	11.65	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06RE	Instrumnet Name :	P8
Client Sample ID :	MF6A56	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:32:03	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16535.50	16358.61	16653.65	16515.92	0.90	ppb
Antimony	121-1	0.23	0.23	0.23	0.23	0.80	ppb
Arsenic	75-2	5.07	5.00	5.15	5.07	1.55	ppb
Barium	135-1	529.29	514.89	510.17	518.12	1.92	ppb
Barium	137-1	527.13	517.39	509.04	517.86	1.75	ppb
Beryllium	9-1	1.83	1.73	1.86	1.81	3.87	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	7.29	8.69	5.50	7.16	22.34	ppb
Boron	11-1	6.09	5.76	6.79	6.22	8.44	ppb
Cadmium	111-1	0.12	0.19	0.10	0.14	33.90	ppb
Cadmium	106-1	1.26	2.37	1.33	1.65	37.81	ppb
Cadmium	108-1	0.17	0.43	0.80	0.47	67.54	ppb
Calcium	43-1	11454.45	11479.23	11657.11	11530.26	0.96	ppb
Calcium	44-1	11809.27	11680.29	11704.01	11731.19	0.59	ppb
Chromium	52-2	27.44	26.27	25.59	26.43	3.54	ppb
Cobalt	59-2	18.53	18.31	18.01	18.28	1.44	ppb
Copper	63-2	45.37	45.02	44.47	44.95	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	26115.65	25663.74	25555.23	25778.21	1.15	ppb
Iron	57-2	25720.26	25231.75	25233.11	25395.04	1.11	ppb
Lead	206-1	29.63	29.04	29.33	29.33	1.02	ppb
Lead	207-1	26.23	26.21	25.96	26.13	0.58	ppb
Lead	208-1	27.91	27.62	27.72	27.75	0.53	ppb
Lithium	6-1				96		%
Magnesium	24-2	13088.04	13045.04	12806.91	12980.00	1.17	ppb
Manganese	55-2	325.97	322.32	321.84	323.37	0.70	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06RE	Instrumnet Name :	P8
Client Sample ID :	MF6A56	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:32:03	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.50	4.37	4.48	4.45	1.56	ppb
Molybdenum	95-1	0.15	0.12	0.14	0.13	10.38	ppb
Molybdenum	96-1	0.75	0.67	0.68	0.70	6.38	ppb
Molybdenum	97-1	0.12	0.12	0.11	0.12	7.86	ppb
Molybdenum	98-1	0.12	0.11	0.11	0.12	5.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.71	45.70	45.95	46.45	2.35	ppb
Phosphorus	31-2	936.64	635.30	917.81	829.91	20.34	ppb
Potassium	39-2	3039.42	3012.29	2956.59	3002.77	1.41	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	87.27	85.59	121.63	98.16	20.72	ppb
Selenium	78-2	10.28	17.90	19.55	15.91	31.09	ppb
Selenium	82-1	1.38	1.49	1.18	1.35	11.52	ppb
Silicon	28-1	1477.85	1433.10	1491.12	1467.35	2.07	ppb
Silver	109-1	0.17	0.23	0.15	0.18	22.52	ppb
Silver	107-1	0.20	0.19	0.21	0.20	5.49	ppb
Sodium	23-2	563.24	545.63	556.60	555.16	1.60	ppb
Strontium	86-1	60.48	61.09	60.63	60.73	0.52	ppb
Strontium	88-1	63.05	63.03	63.41	63.16	0.34	ppb
Sulfur	34-1	-3327.47	-3159.25	-3252.90	-3246.54		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.37	0.39	0.37	0.38	2.39	ppb
Thallium	205-1	0.41	0.39	0.42	0.41	3.53	ppb
Tin	118-1	1.16	1.16	1.10	1.14	2.90	ppb
Titanium	47-1	52.48	53.43	52.92	52.94	0.90	ppb
Uranium	238-1	0.96	0.94	0.98	0.96	2.12	ppb
Vanadium	51-2	38.85	37.90	37.52	38.09	1.79	ppb
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	119.62	120.09	123.12	120.94	1.57	ppb
Zirconium	90-1	2.98	2.94	2.81	2.91	3.06	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06RE	Instrumnet Name :	P8
Client Sample ID :	MF6A56	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:32:03	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.72	2.78	2.86	2.79	2.60	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-07	Instrumnet Name :	P8
Client Sample ID :	MF6A57	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:35:13	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12437.25	12601.98	13093.02	12710.75	2.68	ppb
Antimony	121-1	0.38	0.42	0.38	0.40	6.05	ppb
Arsenic	75-2	2.99	2.46	3.21	2.89	13.29	ppb
Barium	135-1	503.34	491.14	494.36	496.28	1.27	ppb
Barium	137-1	508.99	492.97	498.59	500.18	1.62	ppb
Beryllium	9-1	1.62	1.46	1.37	1.48	8.61	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	5.72	6.33	4.82	5.63	13.48	ppb
Boron	11-1	5.38	5.96	6.22	5.85	7.27	ppb
Cadmium	111-1	0.47	0.49	0.66	0.54	20.06	ppb
Cadmium	106-1	2.62	1.58	2.43	2.21	25.12	ppb
Cadmium	108-1	0.77	1.13	0.98	0.96	18.77	ppb
Calcium	43-1	49971.13	50311.36	49758.19	50013.56	0.56	ppb
Calcium	44-1	50379.05	50190.78	49996.86	50188.90	0.38	ppb
Chromium	52-2	22.54	23.40	24.11	23.35	3.37	ppb
Cobalt	59-2	16.73	15.77	16.59	16.36	3.19	ppb
Copper	63-2	39.79	39.84	40.47	40.03	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	24027.15	23732.41	24283.48	24014.35	1.15	ppb
Iron	57-2	23493.40	23304.46	24033.69	23610.52	1.60	ppb
Lead	206-1	26.87	26.80	27.01	26.89	0.39	ppb
Lead	207-1	23.71	23.76	23.86	23.77	0.33	ppb
Lead	208-1	25.35	25.12	25.34	25.27	0.52	ppb
Lithium	6-1				96		%
Magnesium	24-2	17625.21	17454.87	17998.89	17692.99	1.57	ppb
Manganese	55-2	410.32	405.01	411.12	408.81	0.81	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-07	Instrumnet Name :	P8
Client Sample ID :	MF6A57	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:35:13	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.99	9.49	9.71	9.73	2.58	ppb
Molybdenum	95-1	0.16	0.16	0.11	0.14	20.98	ppb
Molybdenum	96-1	1.41	1.34	1.33	1.36	3.05	ppb
Molybdenum	97-1	0.21	0.18	0.21	0.20	7.78	ppb
Molybdenum	98-1	0.17	0.15	0.14	0.15	9.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.57	41.49	42.84	41.97	1.81	ppb
Phosphorus	31-2	877.86	1284.19	1217.89	1126.65	19.35	ppb
Potassium	39-2	2337.19	2221.28	2357.41	2305.29	3.19	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				84		%
Selenium	77-2	54.85	89.40	89.60	77.95	25.66	ppb
Selenium	78-2	8.18	11.73	8.23	9.38	21.66	ppb
Selenium	82-1	-0.01	1.53	0.95	0.82	94.32	ppb
Silicon	28-1	1558.73	1947.33	3646.72	2384.26	46.57	ppb
Silver	109-1	0.20	0.19	0.17	0.19	8.30	ppb
Silver	107-1	0.20	0.19	0.19	0.19	3.45	ppb
Sodium	23-2	522.18	535.07	543.59	533.61	2.02	ppb
Strontium	86-1	96.14	97.47	97.43	97.01	0.78	ppb
Strontium	88-1	100.95	100.85	102.54	101.45	0.94	ppb
Sulfur	34-1	-2217.62	-2120.95	-2253.57	-2197.38		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.40	0.42	0.44	0.42	5.59	ppb
Thallium	205-1	0.44	0.45	0.43	0.44	2.38	ppb
Tin	118-1	0.89	1.07	0.95	0.97	9.56	ppb
Titanium	47-1	86.20	86.14	87.85	86.73	1.12	ppb
Uranium	238-1	1.31	1.34	1.35	1.34	1.48	ppb
Vanadium	51-2	38.42	37.50	39.00	38.31	1.97	ppb
Yttrium	89-1				108		%
Yttrium	89-2				98		%
Zinc	66-2	103.10	101.15	104.47	102.91	1.62	ppb
Zirconium	90-1	6.27	6.21	6.31	6.26	0.82	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-07	Instrumnet Name :	P8
Client Sample ID :	MF6A57	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:35:13	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	6.48	6.26	6.09	6.27	3.14	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-08	Instrumnet Name :	P8
Client Sample ID :	MF6A58	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:38:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8974.13	9347.35	9333.08	9218.18	2.29	ppb
Antimony	121-1	0.36	0.37	0.34	0.36	3.87	ppb
Arsenic	75-2	1.71	2.16	2.02	1.97	11.76	ppb
Barium	135-1	459.65	463.22	465.18	462.68	0.61	ppb
Barium	137-1	460.45	467.11	465.33	464.30	0.74	ppb
Beryllium	9-1	1.16	0.85	1.28	1.10	19.90	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	4.67	4.23	3.33	4.08	16.80	ppb
Boron	11-1	4.17	4.56	4.23	4.32	4.90	ppb
Cadmium	111-1	0.43	0.44	0.47	0.45	4.81	ppb
Cadmium	106-1	2.11	1.05	2.06	1.74	34.62	ppb
Cadmium	108-1	1.05	0.89	1.06	1.00	9.58	ppb
Calcium	43-1	60684.90	60043.55	59502.44	60076.96	0.99	ppb
Calcium	44-1	60889.95	60431.15	59641.28	60320.80	1.05	ppb
Chromium	52-2	17.45	17.89	17.65	17.66	1.23	ppb
Cobalt	59-2	12.31	12.40	12.87	12.53	2.38	ppb
Copper	63-2	24.21	24.48	25.10	24.59	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	19116.84	19452.32	19523.29	19364.15	1.12	ppb
Iron	57-2	18676.59	18897.97	19122.87	18899.14	1.18	ppb
Lead	206-1	19.76	19.52	19.79	19.69	0.75	ppb
Lead	207-1	17.38	17.47	17.05	17.30	1.27	ppb
Lead	208-1	18.61	18.50	18.29	18.46	0.88	ppb
Lithium	6-1				95		%
Magnesium	24-2	14043.39	14473.85	14165.41	14227.55	1.56	ppb
Manganese	55-2	307.78	305.95	313.74	309.16	1.32	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-08	Instrumnet Name :	P8
Client Sample ID :	MF6A58	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:38:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.17	10.20	9.50	9.62	5.45	ppb
Molybdenum	95-1	0.20	0.18	0.19	0.19	4.23	ppb
Molybdenum	96-1	1.28	1.37	1.26	1.30	4.82	ppb
Molybdenum	97-1	0.16	0.19	0.23	0.19	16.85	ppb
Molybdenum	98-1	0.16	0.20	0.15	0.17	14.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.34	31.00	30.67	31.00	1.08	ppb
Phosphorus	31-2	1111.67	1228.00	862.38	1067.35	17.50	ppb
Potassium	39-2	1609.56	1649.40	1628.01	1628.99	1.22	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				84		%
Selenium	77-2	78.79	42.63	28.38	49.93	52.04	ppb
Selenium	78-2	6.16	12.15	6.10	8.14	42.72	ppb
Selenium	82-1	0.64	1.36	1.57	1.19	41.04	ppb
Silicon	28-1	1705.52	1887.32	1835.66	1809.50	5.18	ppb
Silver	109-1	0.10	0.15	0.13	0.13	19.14	ppb
Silver	107-1	0.15	0.12	0.13	0.13	9.78	ppb
Sodium	23-2	433.13	440.71	448.63	440.83	1.76	ppb
Strontium	86-1	104.15	105.29	104.66	104.70	0.54	ppb
Strontium	88-1	109.50	109.90	110.12	109.84	0.29	ppb
Sulfur	34-1	-1615.22	-1991.15	-1769.50	-1791.95		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.40	0.42	0.38	0.40	4.57	ppb
Thallium	205-1	0.39	0.43	0.42	0.41	6.14	ppb
Tin	118-1	0.63	0.66	0.63	0.64	2.94	ppb
Titanium	47-1	117.59	110.90	109.82	112.77	3.73	ppb
Uranium	238-1	1.58	1.68	1.64	1.63	2.84	ppb
Vanadium	51-2	28.52	28.57	28.90	28.66	0.72	ppb
Yttrium	89-1				106		%
Yttrium	89-2				95		%
Zinc	66-2	74.93	74.71	74.74	74.79	0.16	ppb
Zirconium	90-1	6.02	6.10	5.96	6.03	1.12	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-08	Instrumnet Name :	P8
Client Sample ID :	MF6A58	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:38:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	6.01	5.87	6.10	5.99	1.98	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-03	Instrumnet Name :	P8
Client Sample ID :	MF6A00S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:41:33	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10973.34	11193.70	10964.37	11043.80	1.18	ppb
Antimony	121-1	19.69	19.71	19.57	19.66	0.41	ppb
Arsenic	75-2	42.91	41.32	42.56	42.26	1.98	ppb
Barium	135-1	875.97	876.35	875.66	875.99	0.04	ppb
Barium	137-1	898.63	902.86	903.69	901.73	0.30	ppb
Beryllium	9-1	11.41	11.34	11.47	11.41	0.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	6.43	9.03	6.28	7.25	21.33	ppb
Boron	11-1	7.31	7.10	7.54	7.32	3.05	ppb
Cadmium	111-1	10.29	9.96	10.14	10.13	1.60	ppb
Cadmium	106-1	8.34	10.07	10.38	9.60	11.42	ppb
Cadmium	108-1	9.27	8.89	8.72	8.96	3.11	ppb
Calcium	43-1	13953.91	13976.84	13658.73	13863.16	1.28	ppb
Calcium	44-1	14197.80	14217.34	14104.61	14173.25	0.43	ppb
Chromium	52-2	59.35	62.93	61.49	61.26	2.94	ppb
Cobalt	59-2	110.38	114.32	112.80	112.50	1.76	ppb
Copper	63-2	70.47	72.59	71.54	71.53	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				90		%
Iron	56-2	17692.08	18349.00	17969.09	18003.39	1.83	ppb
Iron	57-2	17406.51	17959.19	17851.13	17738.94	1.65	ppb
Lead	206-1	69.65	68.64	69.64	69.31	0.84	ppb
Lead	207-1	63.88	62.59	63.17	63.21	1.02	ppb
Lead	208-1	66.68	65.80	67.00	66.49	0.93	ppb
Lithium	6-1				96		%
Magnesium	24-2	1965.49	1998.24	1909.15	1957.62	2.30	ppb
Manganese	55-2	976.14	1007.45	991.94	991.84	1.58	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-03	Instrumnet Name :	P8
Client Sample ID :	MF6A00S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:41:33	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.95	4.78	4.89	4.87	1.76	ppb
Molybdenum	95-1	0.62	0.75	0.69	0.69	9.22	ppb
Molybdenum	96-1	1.27	1.30	1.23	1.27	2.77	ppb
Molybdenum	97-1	0.74	0.61	0.67	0.67	9.34	ppb
Molybdenum	98-1	0.64	0.67	0.67	0.66	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.61	117.87	115.28	115.92	1.49	ppb
Phosphorus	31-2	338.47	240.55	417.86	332.30	26.73	ppb
Potassium	39-2	542.22	501.76	603.99	549.32	9.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				81		%
Selenium	77-2	57.45	101.43	65.05	74.64	31.49	ppb
Selenium	78-2	30.62	25.97	23.45	26.68	13.62	ppb
Selenium	82-1	20.27	20.80	20.16	20.41	1.67	ppb
Silicon	28-1	2243.38	2149.18	2100.77	2164.44	3.35	ppb
Silver	109-1	9.26	9.40	9.44	9.36	0.99	ppb
Silver	107-1	9.51	9.51	9.40	9.47	0.65	ppb
Sodium	23-2	133.42	167.47	142.78	147.89	11.90	ppb
Strontium	86-1	51.85	52.36	52.45	52.22	0.61	ppb
Strontium	88-1	53.12	52.65	53.57	53.12	0.86	ppb
Sulfur	34-1	-1440.74	-1426.68	-1509.03	-1458.82		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	9.50	9.51	9.78	9.60	1.62	ppb
Thallium	205-1	9.51	9.71	9.74	9.65	1.29	ppb
Tin	118-1	1.02	1.13	1.17	1.11	7.35	ppb
Titanium	47-1	16.80	14.66	15.89	15.78	6.81	ppb
Uranium	238-1	3.10	3.09	3.11	3.10	0.46	ppb
Vanadium	51-2	134.92	138.89	136.29	136.70	1.48	ppb
Yttrium	89-1				105		%
Yttrium	89-2				94		%
Zinc	66-2	193.62	195.14	190.51	193.09	1.22	ppb
Zirconium	90-1	3.47	2.86	2.88	3.07	11.23	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-03	Instrumnet Name :	P8
Client Sample ID :	MF6A00S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:41:33	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.93	2.82	2.76	2.84	3.18	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-10	Instrumnet Name :	P8
Client Sample ID :	MF6A60	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:44:43	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6515.17	6421.47	6251.46	6396.03	2.09	ppb
Antimony	121-1	0.19	0.20	0.22	0.20	6.09	ppb
Arsenic	75-2	3.25	3.46	3.72	3.48	6.68	ppb
Barium	135-1	269.72	268.32	270.45	269.49	0.40	ppb
Barium	137-1	269.88	270.56	266.67	269.04	0.77	ppb
Beryllium	9-1	0.54	0.55	0.51	0.54	3.95	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	3.69	3.31	4.59	3.86	17.03	ppb
Boron	11-1	4.13	4.06	4.26	4.15	2.45	ppb
Cadmium	111-1	0.16	0.20	0.21	0.19	12.09	ppb
Cadmium	106-1	0.25	1.42	2.12	1.26	74.57	ppb
Cadmium	108-1	0.34	0.59	0.42	0.45	29.46	ppb
Calcium	43-1	29478.86	29705.15	29559.39	29581.13	0.39	ppb
Calcium	44-1	29701.15	29546.72	29761.28	29669.72	0.37	ppb
Chromium	52-2	13.23	12.85	12.98	13.02	1.48	ppb
Cobalt	59-2	6.52	6.70	6.40	6.54	2.32	ppb
Copper	63-2	12.59	11.73	12.26	12.20	3.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	14039.88	13868.31	13789.16	13899.11	0.92	ppb
Iron	57-2	13531.31	13603.14	13649.91	13594.79	0.44	ppb
Lead	206-1	11.85	11.43	11.51	11.60	1.92	ppb
Lead	207-1	10.51	10.27	10.26	10.35	1.35	ppb
Lead	208-1	11.15	10.93	10.96	11.01	1.08	ppb
Lithium	6-1				95		%
Magnesium	24-2	12010.33	12045.28	11813.43	11956.35	1.05	ppb
Manganese	55-2	248.86	252.02	247.62	249.50	0.91	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-10	Instrumnet Name :	P8
Client Sample ID :	MF6A60	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:44:43	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.31	9.11	9.15	9.19	1.15	ppb
Molybdenum	95-1	0.24	0.23	0.26	0.24	7.30	ppb
Molybdenum	96-1	1.33	1.29	1.33	1.32	1.64	ppb
Molybdenum	97-1	0.25	0.29	0.29	0.27	8.99	ppb
Molybdenum	98-1	0.26	0.27	0.27	0.27	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.42	17.05	16.96	17.14	1.43	ppb
Phosphorus	31-2	996.58	925.42	993.04	971.68	4.13	ppb
Potassium	39-2	1264.78	1343.74	1311.70	1306.74	3.04	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				83		%
Selenium	77-2	41.86	84.80	56.32	61.00	35.82	ppb
Selenium	78-2	5.98	4.87	3.65	4.83	24.12	ppb
Selenium	82-1	0.48	1.50	1.13	1.03	49.68	ppb
Silicon	28-1	1535.63	1446.31	1442.81	1474.92	3.57	ppb
Silver	109-1	0.07	0.08	0.07	0.08	8.09	ppb
Silver	107-1	0.09	0.13	0.11	0.11	17.02	ppb
Sodium	23-2	346.26	335.72	343.52	341.83	1.60	ppb
Strontium	86-1	54.38	53.70	54.07	54.05	0.63	ppb
Strontium	88-1	55.60	54.79	55.10	55.16	0.75	ppb
Sulfur	34-1	-2049.74	-1861.14	-1979.12	-1963.33		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.22	0.21	0.24	0.22	7.33	ppb
Thallium	205-1	0.22	0.21	0.21	0.21	4.22	ppb
Tin	118-1	0.53	0.62	0.57	0.57	8.31	ppb
Titanium	47-1	152.96	154.05	152.16	153.05	0.62	ppb
Uranium	238-1	0.82	0.79	0.80	0.80	1.65	ppb
Vanadium	51-2	19.61	19.35	18.87	19.28	1.93	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	49.28	50.69	48.75	49.58	2.02	ppb
Zirconium	90-1	5.96	5.98	6.02	5.99	0.49	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-10	Instrumnet Name :	P8
Client Sample ID :	MF6A60	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:44:43	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.81	5.59	5.57	5.66	2.39	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-11	Instrumnet Name :	P8
Client Sample ID :	MF6A61	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:47:53	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6574.12	6664.73	6582.67	6607.17	0.76	ppb
Antimony	121-1	0.38	0.42	0.41	0.40	4.19	ppb
Arsenic	75-2	13.39	11.84	13.35	12.86	6.89	ppb
Barium	135-1	212.99	211.21	208.10	210.77	1.17	ppb
Barium	137-1	211.69	212.75	211.98	212.14	0.26	ppb
Beryllium	9-1	0.55	0.64	0.74	0.64	14.96	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	4.42	3.61	3.91	3.98	10.30	ppb
Boron	11-1	3.82	4.21	4.76	4.26	11.12	ppb
Cadmium	111-1	0.31	0.35	0.43	0.36	17.88	ppb
Cadmium	106-1	2.24	2.56	3.74	2.85	27.71	ppb
Cadmium	108-1	0.61	0.87	0.61	0.70	21.27	ppb
Calcium	43-1	36858.60	36605.56	36248.75	36570.97	0.84	ppb
Calcium	44-1	36642.26	36825.84	36135.15	36534.42	0.98	ppb
Chromium	52-2	20.32	19.46	19.86	19.88	2.15	ppb
Cobalt	59-2	8.62	8.63	8.54	8.59	0.57	ppb
Copper	63-2	15.29	14.93	15.28	15.17	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				92		%
Iron	56-2	17960.96	17975.42	17980.58	17972.32	0.06	ppb
Iron	57-2	17725.24	17549.21	17494.77	17589.74	0.68	ppb
Lead	206-1	13.85	13.88	14.07	13.93	0.84	ppb
Lead	207-1	12.35	12.30	12.21	12.29	0.59	ppb
Lead	208-1	13.18	13.06	13.32	13.19	0.97	ppb
Lithium	6-1				97		%
Magnesium	24-2	13221.70	13369.20	13174.02	13254.97	0.77	ppb
Manganese	55-2	523.41	517.39	515.77	518.86	0.78	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-11	Instrumnet Name :	P8
Client Sample ID :	MF6A61	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:47:53	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	11.62	11.76	12.30	11.89	3.01	ppb
Molybdenum	95-1	1.55	1.44	1.49	1.50	3.82	ppb
Molybdenum	96-1	2.96	2.75	2.82	2.85	3.78	ppb
Molybdenum	97-1	1.63	1.59	1.56	1.59	2.15	ppb
Molybdenum	98-1	1.47	1.45	1.58	1.50	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.95	21.26	20.58	20.59	3.19	ppb
Phosphorus	31-2	1409.56	1810.36	1859.71	1693.21	14.58	ppb
Potassium	39-2	1431.95	1414.24	1439.15	1428.45	0.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				83		%
Selenium	77-2	55.81	48.97	63.14	55.97	12.66	ppb
Selenium	78-2	7.16	4.81	8.40	6.79	26.89	ppb
Selenium	82-1	1.83	1.11	0.01	0.98	93.18	ppb
Silicon	28-1	1820.11	1678.34	1652.21	1716.89	5.26	ppb
Silver	109-1	0.09	0.09	0.10	0.10	7.48	ppb
Silver	107-1	0.10	0.10	0.09	0.09	6.40	ppb
Sodium	23-2	328.09	324.91	325.61	326.20	0.51	ppb
Strontium	86-1	61.60	61.87	61.16	61.55	0.58	ppb
Strontium	88-1	63.15	62.72	63.22	63.03	0.43	ppb
Sulfur	34-1	-800.50	-692.48	-711.77	-734.92		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.21	0.23	0.21	0.21	5.69	ppb
Thallium	205-1	0.22	0.24	0.24	0.24	4.76	ppb
Tin	118-1	0.54	0.61	0.55	0.57	6.62	ppb
Titanium	47-1	191.35	188.20	188.49	189.35	0.92	ppb
Uranium	238-1	1.41	1.44	1.46	1.44	1.96	ppb
Vanadium	51-2	28.76	28.55	28.17	28.49	1.04	ppb
Yttrium	89-1				107		%
Yttrium	89-2				97		%
Zinc	66-2	59.62	66.49	58.18	61.43	7.23	ppb
Zirconium	90-1	7.01	6.92	6.92	6.95	0.77	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-11	Instrumnet Name :	P8
Client Sample ID :	MF6A61	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:47:53	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	6.89	7.61	6.89	7.13	5.79	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-12	Instrumnet Name :	P8
Client Sample ID :	MF6A62	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:51:04	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9242.28	9243.19	8696.85	9060.77	3.48	ppb
Antimony	121-1	0.41	0.43	0.39	0.41	5.09	ppb
Arsenic	75-2	23.93	24.92	22.88	23.91	4.26	ppb
Barium	135-1	257.01	255.14	255.86	256.00	0.37	ppb
Barium	137-1	254.52	256.12	255.27	255.30	0.31	ppb
Beryllium	9-1	0.87	0.80	1.01	0.89	12.12	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	4.54	5.47	7.22	5.75	23.68	ppb
Boron	11-1	6.21	6.35	6.18	6.25	1.48	ppb
Cadmium	111-1	0.33	0.36	0.34	0.34	3.94	ppb
Cadmium	106-1	1.97	1.94	1.97	1.96	1.09	ppb
Cadmium	108-1	0.82	0.95	0.99	0.92	9.39	ppb
Calcium	43-1	41530.65	40598.51	40658.97	40929.38	1.27	ppb
Calcium	44-1	41501.19	40631.69	41031.14	41054.68	1.06	ppb
Chromium	52-2	19.51	20.09	18.67	19.42	3.69	ppb
Cobalt	59-2	12.16	12.37	11.56	12.03	3.47	ppb
Copper	63-2	20.24	20.63	19.87	20.24	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				91		%
Iron	56-2	21401.51	22054.23	21151.77	21535.84	2.16	ppb
Iron	57-2	20856.26	21599.08	20692.88	21049.40	2.29	ppb
Lead	206-1	17.42	17.42	17.07	17.30	1.16	ppb
Lead	207-1	15.27	15.40	15.32	15.33	0.40	ppb
Lead	208-1	16.39	16.46	16.30	16.38	0.49	ppb
Lithium	6-1				97		%
Magnesium	24-2	16117.06	17106.80	15818.63	16347.49	4.12	ppb
Manganese	55-2	638.17	655.07	620.36	637.87	2.72	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-12	Instrumnet Name :	P8
Client Sample ID :	MF6A62	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:51:04	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	11.59	11.81	11.71	11.71	0.95	ppb
Molybdenum	95-1	1.36	1.25	1.23	1.28	5.65	ppb
Molybdenum	96-1	2.45	2.45	2.61	2.50	3.72	ppb
Molybdenum	97-1	1.25	1.27	1.22	1.25	1.66	ppb
Molybdenum	98-1	1.24	1.30	1.22	1.25	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.22	28.17	26.33	27.24	3.38	ppb
Phosphorus	31-2	614.94	1328.55	1154.21	1032.57	36.03	ppb
Potassium	39-2	1934.12	1910.75	1847.61	1897.49	2.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				82		%
Selenium	77-2	97.35	78.09	56.36	77.27	26.54	ppb
Selenium	78-2	10.69	6.10	10.84	9.21	29.25	ppb
Selenium	82-1	0.55	1.21	2.16	1.30	62.13	ppb
Silicon	28-1	1740.57	1585.04	1645.85	1657.15	4.73	ppb
Silver	109-1	0.09	0.11	0.10	0.10	10.27	ppb
Silver	107-1	0.08	0.11	0.09	0.09	17.47	ppb
Sodium	23-2	366.80	369.21	355.67	363.89	1.98	ppb
Strontium	86-1	72.24	72.87	73.19	72.76	0.67	ppb
Strontium	88-1	74.27	73.69	74.29	74.08	0.46	ppb
Sulfur	34-1	797.06	375.81	346.99	506.62	49.73	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.33	0.26	0.28	0.29	12.81	ppb
Thallium	205-1	0.26	0.29	0.30	0.28	6.25	ppb
Tin	118-1	0.71	0.67	0.69	0.69	3.28	ppb
Titanium	47-1	164.32	161.86	164.91	163.70	0.99	ppb
Uranium	238-1	1.63	1.66	1.61	1.64	1.62	ppb
Vanadium	51-2	28.16	29.55	28.88	28.86	2.41	ppb
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	71.55	70.71	66.12	69.46	4.21	ppb
Zirconium	90-1	6.95	7.06	7.22	7.08	1.90	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-12	Instrumnet Name :	P8
Client Sample ID :	MF6A62	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:51:04	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	6.75	6.76	6.93	6.81	1.47	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-13	Instrumnet Name :	P8
Client Sample ID :	MF6A46	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:54:14	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11942.06	11900.12	11903.73	11915.30	0.20	ppb
Antimony	121-1	0.33	0.31	0.32	0.32	2.15	ppb
Arsenic	75-2	15.38	14.22	14.29	14.63	4.44	ppb
Barium	135-1	669.40	671.05	670.78	670.41	0.13	ppb
Barium	137-1	688.23	689.15	685.40	687.59	0.28	ppb
Beryllium	9-1	1.96	1.41	1.65	1.67	16.49	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	10-1	19.20	22.56	20.26	20.67	8.33	ppb
Boron	11-1	20.70	20.26	20.47	20.48	1.07	ppb
Cadmium	111-1	0.46	0.38	0.39	0.41	9.71	ppb
Cadmium	106-1	1.79	0.20	0.52	0.84	100.30	ppb
Cadmium	108-1	0.66	0.82	0.79	0.76	11.69	ppb
Calcium	43-1	112028.60	110682.23	110431.68	111047.50	0.77	ppb
Calcium	44-1	108190.55	109541.81	108939.25	108890.54	0.62	ppb
Chromium	52-2	26.72	27.79	27.36	27.29	1.97	ppb
Cobalt	59-2	14.41	15.08	14.78	14.76	2.27	ppb
Copper	63-2	29.58	29.37	29.30	29.42	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	18693.51	18688.45	18704.97	18695.64	0.05	ppb
Iron	57-2	18243.02	18421.06	18046.77	18236.95	1.03	ppb
Lead	206-1	78.39	79.35	79.34	79.03	0.70	ppb
Lead	207-1	72.15	72.58	71.94	72.22	0.46	ppb
Lead	208-1	75.37	76.04	75.98	75.80	0.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	7249.45	7211.07	7209.08	7223.20	0.32	ppb
Manganese	55-2	675.91	673.47	682.28	677.22	0.67	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-13	Instrumnet Name :	P8
Client Sample ID :	MF6A46	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:54:14	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.99	4.75	4.80	4.85	2.63	ppb
Molybdenum	95-1	0.88	0.97	0.92	0.92	4.83	ppb
Molybdenum	96-1	1.34	1.48	1.36	1.39	5.35	ppb
Molybdenum	97-1	0.99	1.02	1.00	1.01	1.17	ppb
Molybdenum	98-1	0.91	0.94	0.95	0.93	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.77	22.63	22.38	22.60	0.86	ppb
Phosphorus	31-2	431.55	470.96	816.87	573.13	36.99	ppb
Potassium	39-2	716.76	741.65	726.74	728.38	1.72	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				84		%
Selenium	77-2	34.25	27.34	118.53	60.04	84.57	ppb
Selenium	78-2	11.67	6.99	11.90	10.19	27.18	ppb
Selenium	82-1	0.81	0.59	1.00	0.80	25.82	ppb
Silicon	28-1	1945.06	1898.06	1940.42	1927.85	1.34	ppb
Silver	109-1	0.12	0.13	0.15	0.13	10.98	ppb
Silver	107-1	0.12	0.13	0.14	0.13	6.90	ppb
Sodium	23-2	634.05	634.55	641.79	636.80	0.68	ppb
Strontium	86-1	388.37	394.53	394.89	392.60	0.93	ppb
Strontium	88-1	400.66	407.54	404.75	404.32	0.86	ppb
Sulfur	34-1	-1489.74	-1230.40	-1581.77	-1433.97		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.15	0.23	0.18	0.19	21.18	ppb
Thallium	205-1	0.16	0.17	0.16	0.16	2.08	ppb
Tin	118-1	1.13	1.05	1.01	1.06	5.68	ppb
Titanium	47-1	139.27	143.47	138.60	140.45	1.88	ppb
Uranium	238-1	1.96	1.97	1.99	1.98	0.80	ppb
Vanadium	51-2	45.67	44.93	44.64	45.08	1.18	ppb
Yttrium	89-1				109		%
Yttrium	89-2				98		%
Zinc	66-2	74.60	71.92	71.94	72.82	2.12	ppb
Zirconium	90-1	2.66	2.82	2.74	2.74	2.77	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-13	Instrumnet Name :	P8
Client Sample ID :	MF6A46	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:54:14	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.72	2.90	2.65	2.75	4.70	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-14	Instrumnet Name :	P8
Client Sample ID :	MF6A47	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:57:24	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15901.25	16158.87	15687.23	15915.79	1.48	ppb
Antimony	121-1	0.52	0.53	0.52	0.52	1.03	ppb
Arsenic	75-2	32.05	32.18	34.16	32.80	3.61	ppb
Barium	135-1	1767.45	1762.51	1739.75	1756.57	0.84	ppb
Barium	137-1	1746.16	1738.42	1727.60	1737.39	0.54	ppb
Beryllium	9-1	2.50	2.42	2.71	2.54	5.89	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	19.41	19.57	19.58	19.52	0.48	ppb
Boron	11-1	20.44	21.13	20.53	20.70	1.82	ppb
Cadmium	111-1	1.09	0.99	1.16	1.08	7.89	ppb
Cadmium	106-1	2.44	2.05	3.15	2.55	21.92	ppb
Cadmium	108-1	1.65	1.15	0.86	1.22	32.80	ppb
Calcium	43-1	11829.78	11753.85	11398.37	11660.67	1.98	ppb
Calcium	44-1	12136.21	11975.95	11680.64	11930.93	1.94	ppb
Chromium	52-2	31.56	32.28	31.47	31.77	1.40	ppb
Cobalt	59-2	30.32	30.40	28.90	29.87	2.84	ppb
Copper	63-2	39.69	39.89	39.38	39.65	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	46274.83	46432.89	45190.83	45966.18	1.47	ppb
Iron	57-2	45648.01	45554.29	44204.15	45135.48	1.79	ppb
Lead	206-1	2263.31	2195.40	2241.21	2233.31	1.55	ppb
Lead	207-1	2057.41	2029.95	2051.24	2046.20	0.70	ppb
Lead	208-1	2148.61	2117.00	2148.80	2138.14	0.86	ppb
Lithium	6-1				98		%
Magnesium	24-2	3816.70	3889.85	3679.61	3795.39	2.81	ppb
Manganese	55-2	2229.73	2242.86	2162.73	2211.78	1.94	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-14	Instrumnet Name :	P8
Client Sample ID :	MF6A47	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:57:24	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.56	6.28	6.69	6.51	3.21	ppb
Molybdenum	95-1	0.97	0.98	0.96	0.97	1.39	ppb
Molybdenum	96-1	1.78	1.62	1.74	1.72	4.82	ppb
Molybdenum	97-1	0.95	0.99	1.17	1.04	11.33	ppb
Molybdenum	98-1	0.95	0.98	0.94	0.96	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.91	26.41	25.61	26.31	2.49	ppb
Phosphorus	31-2	807.35	1009.05	753.06	856.49	15.75	ppb
Potassium	39-2	1070.40	1121.65	1060.48	1084.18	3.03	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	161.24	73.44	115.85	116.85	37.58	ppb
Selenium	78-2	16.00	7.94	16.25	13.40	35.30	ppb
Selenium	82-1	1.27	1.45	0.68	1.13	35.54	ppb
Silicon	28-1	1994.16	1963.08	1981.05	1979.43	0.79	ppb
Silver	109-1	0.16	0.17	0.15	0.16	4.98	ppb
Silver	107-1	0.16	0.14	0.14	0.15	5.42	ppb
Sodium	23-2	742.04	733.75	725.73	733.84	1.11	ppb
Strontium	86-1	163.20	157.96	158.05	159.74	1.88	ppb
Strontium	88-1	167.01	164.57	166.20	165.93	0.75	ppb
Sulfur	34-1	-1777.67	-2024.64	-2046.69	-1949.66		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.13	0.16	0.12	0.14	15.50	ppb
Thallium	205-1	0.15	0.15	0.14	0.15	4.66	ppb
Tin	118-1	1.67	1.51	1.63	1.60	5.35	ppb
Titanium	47-1	77.42	68.81	67.19	71.14	7.73	ppb
Uranium	238-1	2.69	2.62	2.61	2.64	1.67	ppb
Vanadium	51-2	84.79	83.01	81.87	83.22	1.77	ppb
Yttrium	89-1				112		%
Yttrium	89-2				100		%
Zinc	66-2	221.89	215.52	210.87	216.09	2.56	ppb
Zirconium	90-1	4.00	3.94	3.80	3.91	2.71	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-14	Instrumnet Name :	P8
Client Sample ID :	MF6A47	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:57:24	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.75	3.76	3.94	3.82	2.73	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-15	Instrumnet Name :	P8
Client Sample ID :	MF6A48	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:00:32	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18205.86	15403.59	14988.82	16199.42	10.80	ppb
Antimony	121-1	0.31	0.30	0.29	0.30	3.79	ppb
Arsenic	75-2	36.44	32.56	31.78	33.59	7.44	ppb
Barium	135-1	1339.55	1319.03	1323.99	1327.52	0.81	ppb
Barium	137-1	1331.87	1340.49	1320.50	1330.95	0.75	ppb
Beryllium	9-1	2.66	2.31	2.38	2.45	7.48	ppb
Bismuth	209-1				110		%
Bismuth	209-2				96		%
Boron	10-1	4.31	4.89	4.88	4.70	7.06	ppb
Boron	11-1	6.08	4.76	5.04	5.29	13.16	ppb
Cadmium	111-1	0.51	0.46	0.43	0.47	8.69	ppb
Cadmium	106-1	2.92	1.62	1.56	2.03	37.79	ppb
Cadmium	108-1	0.66	0.41	1.31	0.80	58.58	ppb
Calcium	43-1	8933.20	8737.49	8901.65	8857.44	1.19	ppb
Calcium	44-1	9123.53	9087.12	9104.69	9105.11	0.20	ppb
Chromium	52-2	32.92	27.05	27.02	29.00	11.72	ppb
Cobalt	59-2	23.99	20.24	20.00	21.41	10.45	ppb
Copper	63-2	49.84	41.31	40.79	43.98	11.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				88		%
Iron	56-2	52066.84	43690.42	42635.41	46130.89	11.20	ppb
Iron	57-2	51040.26	42705.86	41551.05	45099.06	11.48	ppb
Lead	206-1	2009.27	1971.51	2005.20	1995.33	1.04	ppb
Lead	207-1	1825.29	1785.77	1832.09	1814.38	1.38	ppb
Lead	208-1	1918.94	1891.17	1923.23	1911.12	0.91	ppb
Lithium	6-1				98		%
Magnesium	24-2	5267.33	4635.75	4377.75	4760.27	9.61	ppb
Manganese	55-2	568.79	475.49	468.70	504.33	11.09	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-15	Instrumnet Name :	P8
Client Sample ID :	MF6A48	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:00:32	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.89	4.02	3.93	3.94	1.70	ppb
Molybdenum	95-1	1.38	1.52	1.33	1.41	6.80	ppb
Molybdenum	96-1	1.85	1.79	1.85	1.83	2.05	ppb
Molybdenum	97-1	1.66	1.56	1.42	1.55	7.91	ppb
Molybdenum	98-1	1.37	1.45	1.38	1.40	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.90	29.97	30.34	31.74	8.66	ppb
Phosphorus	31-2	260.20	151.11	82.54	164.61	54.43	ppb
Potassium	39-2	1091.89	873.91	815.24	927.01	15.72	ppb
Rhodium	103-1				101		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				83		%
Selenium	77-2	99.46	60.51	20.23	60.06	65.96	ppb
Selenium	78-2	4.06	13.72	11.47	9.75	51.82	ppb
Selenium	82-1	1.71	0.79	0.63	1.04	56.00	ppb
Silicon	28-1	1605.72	1560.92	1584.04	1583.56	1.41	ppb
Silver	109-1	0.11	0.13	0.11	0.12	11.85	ppb
Silver	107-1	0.14	0.11	0.14	0.13	11.33	ppb
Sodium	23-2	886.32	698.43	689.68	758.14	14.65	ppb
Strontium	86-1	62.31	60.50	61.91	61.57	1.55	ppb
Strontium	88-1	64.41	64.28	63.98	64.23	0.35	ppb
Sulfur	34-1	-2592.13	-2606.30	-2640.48	-2612.97		ppb
Terbium	159-1				106		%
Terbium	159-2				96		%
Thallium	203-1	0.27	0.22	0.21	0.23	13.11	ppb
Thallium	205-1	0.25	0.25	0.25	0.25	0.64	ppb
Tin	118-1	1.39	1.41	1.38	1.39	1.40	ppb
Titanium	47-1	16.45	15.27	14.72	15.48	5.70	ppb
Uranium	238-1	2.16	2.20	2.25	2.20	2.11	ppb
Vanadium	51-2	81.11	66.21	65.02	70.78	12.67	ppb
Yttrium	89-1				111		%
Yttrium	89-2				96		%
Zinc	66-2	121.61	99.89	96.95	106.15	12.69	ppb
Zirconium	90-1	1.85	1.89	1.80	1.84	2.31	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-15	Instrumnet Name :	P8
Client Sample ID :	MF6A48	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:00:32	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.77	1.91	1.66	1.78	6.92	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-16	Instrumnet Name :	P8
Client Sample ID :	MF6A49	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:03:41	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14493.66	14295.69	14181.16	14323.50	1.10	ppb
Antimony	121-1	0.30	0.31	0.29	0.30	2.59	ppb
Arsenic	75-2	9.01	10.23	11.27	10.17	11.14	ppb
Barium	135-1	860.81	854.20	853.27	856.09	0.48	ppb
Barium	137-1	891.16	887.37	866.80	881.78	1.49	ppb
Beryllium	9-1	1.85	1.78	2.05	1.89	7.51	ppb
Bismuth	209-1				109		%
Bismuth	209-2				98		%
Boron	10-1	3.42	3.92	3.04	3.46	12.80	ppb
Boron	11-1	2.95	3.35	2.81	3.04	9.14	ppb
Cadmium	111-1	0.71	0.77	0.64	0.71	9.41	ppb
Cadmium	106-1	2.13	2.12	1.44	1.90	20.92	ppb
Cadmium	108-1	0.95	0.79	0.90	0.88	9.71	ppb
Calcium	43-1	52321.23	53342.76	53484.14	53049.38	1.20	ppb
Calcium	44-1	53144.40	53656.15	53404.55	53401.70	0.48	ppb
Chromium	52-2	19.22	19.11	18.62	18.98	1.68	ppb
Cobalt	59-2	27.21	26.40	27.09	26.90	1.63	ppb
Copper	63-2	29.42	29.06	29.16	29.21	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				89		%
Iron	56-2	21336.72	21409.05	21305.29	21350.35	0.25	ppb
Iron	57-2	20879.34	20895.79	20565.16	20780.10	0.90	ppb
Lead	206-1	26.50	26.44	26.35	26.43	0.29	ppb
Lead	207-1	23.35	23.81	23.48	23.55	1.00	ppb
Lead	208-1	24.92	25.00	24.89	24.94	0.25	ppb
Lithium	6-1				97		%
Magnesium	24-2	9594.29	9396.53	9336.91	9442.58	1.43	ppb
Manganese	55-2	7206.30	7200.28	7133.48	7180.02	0.56	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-16	Instrumnet Name :	P8
Client Sample ID :	MF6A49	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:03:41	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.73	5.53	5.62	5.63	1.70	ppb
Molybdenum	95-1	0.63	0.69	0.73	0.68	7.48	ppb
Molybdenum	96-1	1.32	1.21	1.27	1.27	4.21	ppb
Molybdenum	97-1	0.64	0.53	0.69	0.62	13.07	ppb
Molybdenum	98-1	0.68	0.65	0.54	0.63	11.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.89	41.57	40.92	41.46	1.20	ppb
Phosphorus	31-2	305.30	411.78	411.11	376.06	16.30	ppb
Potassium	39-2	1355.18	1360.33	1418.63	1378.05	2.56	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				82		%
Selenium	77-2	82.52	96.05	75.73	84.77	12.21	ppb
Selenium	78-2	14.06	15.20	9.40	12.89	23.86	ppb
Selenium	82-1	1.31	0.71	0.98	1.00	30.23	ppb
Silicon	28-1	1530.24	1629.56	1542.34	1567.38	3.46	ppb
Silver	109-1	0.11	0.08	0.10	0.09	14.18	ppb
Silver	107-1	0.10	0.10	0.12	0.11	9.93	ppb
Sodium	23-2	590.40	616.68	612.21	606.43	2.32	ppb
Strontium	86-1	79.55	80.06	78.54	79.38	0.97	ppb
Strontium	88-1	80.63	81.24	80.69	80.85	0.41	ppb
Sulfur	34-1	-2841.57	-2295.42	-2587.00	-2574.66		ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	0.23	0.23	0.25	0.24	3.26	ppb
Thallium	205-1	0.20	0.23	0.22	0.22	6.35	ppb
Tin	118-1	0.91	1.02	1.01	0.98	5.93	ppb
Titanium	47-1	30.62	27.44	26.15	28.07	8.19	ppb
Uranium	238-1	1.99	2.08	2.04	2.04	2.18	ppb
Vanadium	51-2	33.48	33.90	32.77	33.38	1.72	ppb
Yttrium	89-1				112		%
Yttrium	89-2				98		%
Zinc	66-2	75.21	76.80	78.42	76.81	2.09	ppb
Zirconium	90-1	3.17	3.31	3.22	3.24	2.22	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-16	Instrumnet Name :	P8
Client Sample ID :	MF6A49	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:03:41	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.08	3.19	3.34	3.21	4.03	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-17	Instrumnet Name :	P8
Client Sample ID :	MF6A50	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:06:51	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17555.50	18375.99	17723.05	17884.85	2.42	ppb
Antimony	121-1	0.30	0.33	0.30	0.31	5.90	ppb
Arsenic	75-2	21.33	21.77	22.90	22.00	3.68	ppb
Barium	135-1	550.89	552.41	547.91	550.40	0.42	ppb
Barium	137-1	551.50	547.20	553.75	550.82	0.60	ppb
Beryllium	9-1	2.45	2.30	2.25	2.33	4.27	ppb
Bismuth	209-1				109		%
Bismuth	209-2				97		%
Boron	10-1	4.29	4.24	4.80	4.45	6.96	ppb
Boron	11-1	4.09	4.23	4.28	4.20	2.33	ppb
Cadmium	111-1	0.31	0.31	0.36	0.33	8.75	ppb
Cadmium	106-1	1.03	1.56	1.50	1.36	21.27	ppb
Cadmium	108-1	0.58	0.63	0.75	0.66	13.37	ppb
Calcium	43-1	41092.83	41561.71	41037.58	41230.71	0.70	ppb
Calcium	44-1	41524.87	42322.47	41208.63	41685.33	1.38	ppb
Chromium	52-2	25.76	27.61	24.69	26.02	5.68	ppb
Cobalt	59-2	21.68	22.29	21.47	21.81	1.94	ppb
Copper	63-2	40.43	43.21	41.17	41.60	3.45	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				105		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				88		%
Iron	56-2	32556.80	34423.58	32851.34	33277.24	3.02	ppb
Iron	57-2	32062.50	33939.13	31998.29	32666.64	3.37	ppb
Lead	206-1	36.43	36.78	36.49	36.57	0.52	ppb
Lead	207-1	32.55	32.73	32.29	32.52	0.68	ppb
Lead	208-1	34.72	34.67	34.60	34.66	0.16	ppb
Lithium	6-1				96		%
Magnesium	24-2	14023.63	14765.13	14079.72	14289.49	2.89	ppb
Manganese	55-2	748.70	785.62	743.96	759.43	3.00	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-17	Instrumnet Name :	P8
Client Sample ID :	MF6A50	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:06:51	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.67	5.47	5.04	5.39	5.96	ppb
Molybdenum	95-1	0.99	1.09	1.01	1.03	5.34	ppb
Molybdenum	96-1	1.61	1.56	1.57	1.58	1.77	ppb
Molybdenum	97-1	0.88	0.95	1.04	0.96	8.36	ppb
Molybdenum	98-1	0.99	0.99	0.94	0.97	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.67	54.11	49.84	51.20	4.91	ppb
Phosphorus	31-2	661.29	695.82	843.18	733.43	13.17	ppb
Potassium	39-2	2128.30	2340.11	2191.55	2219.99	4.90	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				80		%
Selenium	77-2	58.50	58.55	37.33	51.46	23.78	ppb
Selenium	78-2	6.32	6.32	2.67	5.10	41.34	ppb
Selenium	82-1	0.71	0.56	0.67	0.64	12.14	ppb
Silicon	28-1	1567.87	1630.38	1555.05	1584.43	2.54	ppb
Silver	109-1	0.03	0.05	0.04	0.04	25.07	ppb
Silver	107-1	0.04	0.07	0.06	0.06	22.63	ppb
Sodium	23-2	534.71	563.96	532.25	543.64	3.24	ppb
Strontium	86-1	84.14	83.06	82.88	83.36	0.81	ppb
Strontium	88-1	86.34	84.86	85.49	85.56	0.87	ppb
Sulfur	34-1	-2484.43	-2104.43	-2594.53	-2394.46		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.26	0.27	0.30	0.28	8.00	ppb
Thallium	205-1	0.26	0.26	0.28	0.27	3.53	ppb
Tin	118-1	1.17	1.26	1.24	1.22	3.87	ppb
Titanium	47-1	35.62	35.00	46.46	39.03	16.52	ppb
Uranium	238-1	3.12	3.04	3.07	3.08	1.27	ppb
Vanadium	51-2	45.49	47.96	45.60	46.35	3.01	ppb
Yttrium	89-1				105		%
Yttrium	89-2				92		%
Zinc	66-2	101.43	107.40	98.25	102.36	4.54	ppb
Zirconium	90-1	2.94	3.03	3.05	3.01	1.89	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-17	Instrumnet Name :	P8
Client Sample ID :	MF6A50	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:06:51	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.07	3.12	2.91	3.03	3.63	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-18	Instrumnet Name :	P8
Client Sample ID :	MF6A51	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:10:01	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12954.87	12434.59	13015.30	12801.58	2.49	ppb
Antimony	121-1	0.27	0.29	0.27	0.28	3.42	ppb
Arsenic	75-2	8.68	9.38	9.75	9.27	5.85	ppb
Barium	135-1	1272.00	1262.53	1298.74	1277.76	1.47	ppb
Barium	137-1	1268.01	1275.82	1279.29	1274.37	0.45	ppb
Beryllium	9-1	1.67	1.61	1.82	1.70	6.23	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	10.27	10.09	10.81	10.39	3.61	ppb
Boron	11-1	9.49	10.42	11.19	10.36	8.21	ppb
Cadmium	111-1	0.43	0.40	0.39	0.41	4.51	ppb
Cadmium	106-1	1.78	1.37	1.53	1.56	13.14	ppb
Cadmium	108-1	0.75	0.79	0.34	0.63	40.38	ppb
Calcium	43-1	95207.37	95135.58	93818.56	94720.51	0.83	ppb
Calcium	44-1	95026.99	95356.41	93871.01	94751.47	0.82	ppb
Chromium	52-2	27.43	26.32	27.28	27.01	2.23	ppb
Cobalt	59-2	15.24	14.66	15.12	15.01	2.03	ppb
Copper	63-2	31.21	30.57	30.56	30.78	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				104		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				89		%
Iron	56-2	20493.75	19778.94	20121.32	20131.34	1.78	ppb
Iron	57-2	19889.52	19370.91	20064.61	19775.01	1.82	ppb
Lead	206-1	171.86	168.69	169.58	170.04	0.96	ppb
Lead	207-1	152.80	151.08	152.95	152.28	0.68	ppb
Lead	208-1	165.20	163.42	164.12	164.25	0.54	ppb
Lithium	6-1				95		%
Magnesium	24-2	11192.36	11004.24	11156.11	11117.57	0.90	ppb
Manganese	55-2	899.41	877.14	899.45	892.00	1.44	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-18	Instrumnet Name :	P8
Client Sample ID :	MF6A51	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:10:01	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.71	8.26	7.64	7.87	4.29	ppb
Molybdenum	95-1	0.87	0.88	0.89	0.88	0.79	ppb
Molybdenum	96-1	1.72	1.82	1.72	1.76	3.32	ppb
Molybdenum	97-1	0.93	0.96	0.76	0.88	12.36	ppb
Molybdenum	98-1	0.87	0.86	0.84	0.86	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.17	30.54	30.92	30.88	1.04	ppb
Phosphorus	31-2	536.54	961.07	1025.46	841.02	31.59	ppb
Potassium	39-2	1529.84	1417.79	1412.48	1453.37	4.56	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				79		%
Selenium	77-2	29.25	51.80	36.98	39.34	29.13	ppb
Selenium	78-2	13.78	5.15	7.66	8.87	50.10	ppb
Selenium	82-1	1.63	0.93	1.12	1.23	29.88	ppb
Silicon	28-1	2029.02	1934.68	1866.32	1943.34	4.20	ppb
Silver	109-1	0.07	0.07	0.09	0.08	14.41	ppb
Silver	107-1	0.08	0.08	0.08	0.08	1.97	ppb
Sodium	23-2	593.77	566.88	611.91	590.85	3.83	ppb
Strontium	86-1	234.11	235.55	236.06	235.24	0.43	ppb
Strontium	88-1	246.83	244.20	245.59	245.54	0.53	ppb
Sulfur	34-1	-1611.05	-1485.45	-1516.33	-1537.61		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.28	0.23	0.24	0.25	10.00	ppb
Thallium	205-1	0.25	0.25	0.25	0.25	0.53	ppb
Tin	118-1	1.09	1.00	1.07	1.05	4.80	ppb
Titanium	47-1	98.99	101.76	120.93	107.23	11.15	ppb
Uranium	238-1	1.57	1.54	1.50	1.53	2.33	ppb
Vanadium	51-2	30.75	30.70	31.12	30.85	0.76	ppb
Yttrium	89-1				104		%
Yttrium	89-2				92		%
Zinc	66-2	93.55	90.20	94.38	92.71	2.39	ppb
Zirconium	90-1	4.43	4.71	4.43	4.52	3.49	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-18	Instrumnet Name :	P8
Client Sample ID :	MF6A51	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:10:01	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.37	4.59	4.58	4.51	2.77	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-19	Instrumnet Name :	P8
Client Sample ID :	MF6A52	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:13:10	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9715.53	8579.50	8929.54	9074.86	6.41	ppb
Antimony	121-1	0.22	0.24	0.27	0.24	10.26	ppb
Arsenic	75-2	4.02	2.69	2.96	3.22	21.90	ppb
Barium	135-1	322.31	317.84	319.07	319.74	0.72	ppb
Barium	137-1	320.39	320.49	320.87	320.58	0.08	ppb
Beryllium	9-1	1.21	1.12	1.17	1.17	4.00	ppb
Bismuth	209-1				106		%
Bismuth	209-2				93		%
Boron	10-1	4.14	3.96	3.86	3.98	3.56	ppb
Boron	11-1	3.32	3.93	3.86	3.70	8.94	ppb
Cadmium	111-1	0.27	0.13	0.21	0.20	35.65	ppb
Cadmium	106-1	2.59	-0.28	1.48	1.27	114.54	ppb
Cadmium	108-1	0.38	0.72	0.34	0.48	43.81	ppb
Calcium	43-1	133842.80	136796.75	136878.92	135839.49	1.27	ppb
Calcium	44-1	131905.16	134280.18	132486.66	132890.66	0.93	ppb
Chromium	52-2	15.54	14.62	14.69	14.95	3.43	ppb
Cobalt	59-2	11.30	10.08	10.28	10.56	6.18	ppb
Copper	63-2	25.07	22.51	22.75	23.45	6.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				93		%
Indium	115-1				99		%
Indium	115-2				85		%
Iron	56-2	16740.82	15027.82	15213.82	15660.82	6.00	ppb
Iron	57-2	16195.55	14796.11	14692.17	15227.95	5.51	ppb
Lead	206-1	19.19	18.73	19.03	18.98	1.23	ppb
Lead	207-1	17.36	17.02	17.27	17.22	1.01	ppb
Lead	208-1	18.18	18.10	18.10	18.13	0.26	ppb
Lithium	6-1				95		%
Magnesium	24-2	13958.27	12629.92	12904.95	13164.38	5.33	ppb
Manganese	55-2	609.54	543.99	548.22	567.25	6.47	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-19	Instrumnet Name :	P8
Client Sample ID :	MF6A52	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:13:10	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.39	7.37	7.18	7.31	1.58	ppb
Molybdenum	95-1	0.22	0.21	0.16	0.20	14.72	ppb
Molybdenum	96-1	1.15	1.07	1.06	1.09	4.61	ppb
Molybdenum	97-1	0.19	0.20	0.14	0.18	18.61	ppb
Molybdenum	98-1	0.18	0.23	0.21	0.21	11.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.71	25.32	26.51	27.18	8.36	ppb
Phosphorus	31-2	980.61	738.33	636.16	785.03	22.54	ppb
Potassium	39-2	1219.72	1061.60	1150.17	1143.83	6.93	ppb
Rhodium	103-1				96		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				74		%
Selenium	77-2	8.20	52.40	44.26	34.95	67.31	ppb
Selenium	78-2	1.64	3.95	3.88	3.16	41.54	ppb
Selenium	82-1	0.80	1.52	1.54	1.29	32.78	ppb
Silicon	28-1	1364.06	1518.28	1417.19	1433.18	5.47	ppb
Silver	109-1	0.03	0.07	0.03	0.05	53.23	ppb
Silver	107-1	0.04	0.05	0.04	0.04	21.36	ppb
Sodium	23-2	442.75	357.11	393.38	397.75	10.81	ppb
Strontium	86-1	124.22	124.97	124.46	124.55	0.31	ppb
Strontium	88-1	128.85	130.55	129.06	129.48	0.72	ppb
Sulfur	34-1	-1567.58	-1126.23	-1378.53	-1357.44		ppb
Terbium	159-1				103		%
Terbium	159-2				93		%
Thallium	203-1	0.19	0.21	0.20	0.20	4.75	ppb
Thallium	205-1	0.20	0.19	0.20	0.20	2.47	ppb
Tin	118-1	0.63	0.54	0.60	0.59	8.19	ppb
Titanium	47-1	53.15	51.28	53.36	52.60	2.18	ppb
Uranium	238-1	0.84	0.84	0.85	0.84	0.57	ppb
Vanadium	51-2	23.86	22.17	22.96	23.00	3.68	ppb
Yttrium	89-1				103		%
Yttrium	89-2				88		%
Zinc	66-2	62.14	54.75	56.12	57.67	6.81	ppb
Zirconium	90-1	4.61	4.83	4.76	4.73	2.33	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-19	Instrumnet Name :	P8
Client Sample ID :	MF6A52	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:13:10	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.79	4.71	4.47	4.65	3.57	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-20	Instrumnet Name :	P8
Client Sample ID :	MF6A53	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:16:21	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15283.45	15268.00	15228.79	15260.08	0.18	ppb
Antimony	121-1	0.26	0.26	0.21	0.24	13.12	ppb
Arsenic	75-2	14.69	14.28	13.43	14.13	4.53	ppb
Barium	135-1	400.42	400.37	397.20	399.33	0.46	ppb
Barium	137-1	408.75	405.22	401.40	405.12	0.91	ppb
Beryllium	9-1	1.94	1.88	1.79	1.87	4.07	ppb
Bismuth	209-1				107		%
Bismuth	209-2				97		%
Boron	10-1	7.08	9.00	10.22	8.77	18.09	ppb
Boron	11-1	8.34	8.06	9.18	8.52	6.88	ppb
Cadmium	111-1	0.36	0.38	0.35	0.36	4.63	ppb
Cadmium	106-1	1.15	1.86	1.58	1.53	23.42	ppb
Cadmium	108-1	0.76	0.51	0.63	0.63	20.08	ppb
Calcium	43-1	33358.88	33918.92	34285.59	33854.47	1.38	ppb
Calcium	44-1	33969.69	33966.99	34390.71	34109.13	0.71	ppb
Chromium	52-2	25.04	25.48	24.89	25.14	1.22	ppb
Cobalt	59-2	18.42	18.31	18.53	18.42	0.59	ppb
Copper	63-2	24.45	24.30	23.74	24.16	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				87		%
Iron	56-2	30421.30	30362.73	29713.60	30165.88	1.30	ppb
Iron	57-2	29751.68	29620.08	29245.96	29539.24	0.89	ppb
Lead	206-1	26.29	26.53	26.46	26.43	0.46	ppb
Lead	207-1	24.28	23.64	23.97	23.97	1.33	ppb
Lead	208-1	25.26	25.21	25.32	25.26	0.22	ppb
Lithium	6-1				95		%
Magnesium	24-2	18587.88	18430.59	18150.28	18389.58	1.21	ppb
Manganese	55-2	634.88	639.76	623.69	632.78	1.30	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-20	Instrumnet Name :	P8
Client Sample ID :	MF6A53	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:16:21	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.28	6.25	6.16	6.23	1.00	ppb
Molybdenum	95-1	0.26	0.25	0.23	0.25	6.51	ppb
Molybdenum	96-1	0.98	1.08	0.99	1.02	5.65	ppb
Molybdenum	97-1	0.25	0.30	0.21	0.25	18.38	ppb
Molybdenum	98-1	0.23	0.22	0.24	0.23	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.08	46.81	46.01	46.30	0.96	ppb
Phosphorus	31-2	791.32	675.68	924.01	797.01	15.59	ppb
Potassium	39-2	2436.76	2407.73	2443.14	2429.21	0.78	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				76		%
Selenium	77-2	58.87	109.84	80.39	83.03	30.81	ppb
Selenium	78-2	21.39	8.82	15.01	15.07	41.69	ppb
Selenium	82-1	1.74	1.37	1.54	1.55	11.79	ppb
Silicon	28-1	1575.85	1623.41	1815.47	1671.58	7.59	ppb
Silver	109-1	0.06	0.06	0.04	0.05	20.26	ppb
Silver	107-1	0.06	0.07	0.05	0.06	16.09	ppb
Sodium	23-2	568.04	578.41	552.75	566.40	2.28	ppb
Strontium	86-1	92.09	92.41	92.84	92.44	0.40	ppb
Strontium	88-1	96.43	97.83	97.35	97.20	0.73	ppb
Sulfur	34-1	-2097.43	-2138.84	-1977.91	-2071.39		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.25	0.23	0.23	0.24	5.69	ppb
Thallium	205-1	0.23	0.23	0.22	0.23	2.57	ppb
Tin	118-1	0.97	1.01	1.07	1.01	5.08	ppb
Titanium	47-1	48.28	47.23	48.38	47.96	1.33	ppb
Uranium	238-1	0.92	0.90	0.94	0.92	2.28	ppb
Vanadium	51-2	26.76	26.29	25.98	26.34	1.49	ppb
Yttrium	89-1				105		%
Yttrium	89-2				92		%
Zinc	66-2	80.51	81.60	82.16	81.42	1.03	ppb
Zirconium	90-1	3.90	4.09	4.01	4.00	2.33	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-20	Instrumnet Name :	P8
Client Sample ID :	MF6A53	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:16:21	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.08	4.09	4.19	4.12	1.50	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-21	Instrumnet Name :	P8
Client Sample ID :	MF6A54	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:19:31	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11564.74	11394.02	11077.67	11345.48	2.18	ppb
Antimony	121-1	0.29	0.30	0.26	0.28	7.28	ppb
Arsenic	75-2	11.86	12.87	11.69	12.14	5.26	ppb
Barium	135-1	908.40	898.88	897.58	901.62	0.66	ppb
Barium	137-1	932.84	936.19	916.36	928.46	1.14	ppb
Beryllium	9-1	1.34	1.27	1.35	1.32	3.18	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	7.75	10.20	8.63	8.86	14.04	ppb
Boron	11-1	8.55	7.87	8.37	8.26	4.30	ppb
Cadmium	111-1	0.45	0.41	0.31	0.39	18.84	ppb
Cadmium	106-1	2.19	1.79	0.35	1.44	67.32	ppb
Cadmium	108-1	0.64	0.72	0.55	0.63	13.61	ppb
Calcium	43-1	39949.25	39298.97	39643.75	39630.66	0.82	ppb
Calcium	44-1	39716.71	39768.70	39716.29	39733.90	0.08	ppb
Chromium	52-2	37.18	35.09	36.52	36.26	2.94	ppb
Cobalt	59-2	13.41	13.04	13.29	13.25	1.44	ppb
Copper	63-2	33.39	31.61	32.65	32.55	2.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				87		%
Iron	56-2	23963.20	23070.40	23357.46	23463.69	1.94	ppb
Iron	57-2	23720.43	22563.59	22722.31	23002.11	2.73	ppb
Lead	206-1	71.93	71.18	71.58	71.56	0.52	ppb
Lead	207-1	65.33	64.03	64.06	64.48	1.15	ppb
Lead	208-1	68.32	67.42	67.56	67.77	0.71	ppb
Lithium	6-1				94		%
Magnesium	24-2	9748.48	9256.93	9630.60	9545.34	2.69	ppb
Manganese	55-2	752.96	726.73	729.76	736.48	1.95	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-21	Instrumnet Name :	P8
Client Sample ID :	MF6A54	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:19:31	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.89	7.90	8.00	7.93	0.75	ppb
Molybdenum	95-1	3.65	3.78	4.02	3.82	5.02	ppb
Molybdenum	96-1	4.40	4.40	4.35	4.38	0.73	ppb
Molybdenum	97-1	3.81	4.00	3.82	3.88	2.74	ppb
Molybdenum	98-1	3.77	3.83	3.58	3.73	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.59	29.69	30.77	30.68	3.10	ppb
Phosphorus	31-2	858.99	937.17	568.19	788.12	24.67	ppb
Potassium	39-2	1611.68	1472.07	1558.84	1547.53	4.55	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				75		%
Selenium	77-2	90.07	52.64	29.59	57.43	53.15	ppb
Selenium	78-2	14.18	19.33	11.44	14.98	26.73	ppb
Selenium	82-1	4.65	4.77	4.82	4.75	1.90	ppb
Silicon	28-1	2129.20	1810.55	1956.32	1965.36	8.12	ppb
Silver	109-1	0.16	0.17	0.14	0.16	11.82	ppb
Silver	107-1	0.17	0.18	0.16	0.17	4.73	ppb
Sodium	23-2	565.01	534.17	558.72	552.63	2.95	ppb
Strontium	86-1	140.73	140.20	143.48	141.47	1.24	ppb
Strontium	88-1	148.04	146.07	147.59	147.23	0.70	ppb
Sulfur	34-1	-1045.14	-1463.41	-1442.82	-1317.13		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.22	0.24	0.24	0.23	3.89	ppb
Thallium	205-1	0.25	0.21	0.24	0.23	10.90	ppb
Tin	118-1	1.03	0.96	0.92	0.97	5.68	ppb
Titanium	47-1	85.65	83.35	87.04	85.35	2.18	ppb
Uranium	238-1	1.20	1.19	1.13	1.17	3.14	ppb
Vanadium	51-2	31.98	29.08	30.22	30.43	4.81	ppb
Yttrium	89-1				103		%
Yttrium	89-2				91		%
Zinc	66-2	80.62	73.78	78.75	77.72	4.55	ppb
Zirconium	90-1	3.52	3.46	3.66	3.55	2.93	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-21	Instrumnet Name :	P8
Client Sample ID :	MF6A54	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:19:31	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.24	3.46	3.47	3.39	3.81	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-22	Instrumnet Name :	P8
Client Sample ID :	MF6A55	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:22:42	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7563.84	7969.32	7783.37	7772.18	2.61	ppb
Antimony	121-1	0.16	0.17	0.16	0.16	3.53	ppb
Arsenic	75-2	2.52	3.08	3.13	2.91	11.49	ppb
Barium	135-1	294.26	294.63	294.98	294.62	0.12	ppb
Barium	137-1	296.15	296.00	293.95	295.36	0.42	ppb
Beryllium	9-1	0.95	0.94	0.85	0.92	5.91	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	2.96	3.61	2.13	2.90	25.60	ppb
Boron	11-1	3.45	3.47	3.35	3.42	1.90	ppb
Cadmium	111-1	0.48	0.54	0.51	0.51	6.74	ppb
Cadmium	106-1	2.63	2.06	2.46	2.38	12.26	ppb
Cadmium	108-1	0.76	0.42	0.85	0.68	33.01	ppb
Calcium	43-1	37260.44	37215.88	37898.95	37458.42	1.02	ppb
Calcium	44-1	37002.09	37259.01	38163.38	37474.83	1.63	ppb
Chromium	52-2	13.35	13.74	13.33	13.47	1.73	ppb
Cobalt	59-2	9.18	8.89	9.18	9.08	1.87	ppb
Copper	63-2	28.03	28.67	29.15	28.61	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				87		%
Iron	56-2	13910.96	14095.50	14196.66	14067.71	1.03	ppb
Iron	57-2	13545.41	13759.92	13809.28	13704.87	1.02	ppb
Lead	206-1	17.93	18.19	18.13	18.08	0.74	ppb
Lead	207-1	16.16	16.02	16.16	16.11	0.53	ppb
Lead	208-1	17.06	17.10	16.99	17.05	0.30	ppb
Lithium	6-1				93		%
Magnesium	24-2	8870.83	9050.35	9070.87	8997.35	1.22	ppb
Manganese	55-2	294.05	300.34	301.92	298.77	1.39	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-22	Instrumnet Name :	P8
Client Sample ID :	MF6A55	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:22:42	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.50	6.71	6.80	6.67	2.26	ppb
Molybdenum	95-1	0.09	0.06	0.06	0.07	23.13	ppb
Molybdenum	96-1	0.82	0.87	0.90	0.86	4.84	ppb
Molybdenum	97-1	0.06	0.05	0.09	0.07	25.24	ppb
Molybdenum	98-1	0.08	0.05	0.08	0.07	20.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.74	23.81	25.11	24.22	3.20	ppb
Phosphorus	31-2	588.89	672.28	1063.98	775.05	32.73	ppb
Potassium	39-2	1370.10	1415.34	1416.96	1400.80	1.90	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				76		%
Selenium	77-2	64.07	79.85	43.45	62.46	29.22	ppb
Selenium	78-2	8.54	2.56	11.18	7.43	59.45	ppb
Selenium	82-1	1.62	0.81	1.63	1.36	34.59	ppb
Silicon	28-1	1466.65	1862.92	1846.58	1725.38	13.00	ppb
Silver	109-1	0.08	0.08	0.09	0.08	5.58	ppb
Silver	107-1	0.07	0.08	0.09	0.08	10.99	ppb
Sodium	23-2	324.31	355.22	353.59	344.37	5.05	ppb
Strontium	86-1	62.49	62.44	62.66	62.53	0.18	ppb
Strontium	88-1	63.84	63.89	64.50	64.08	0.57	ppb
Sulfur	34-1	-1443.69	-1334.33	-1042.31	-1273.44		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.24	0.24	0.19	0.23	12.51	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	1.58	ppb
Tin	118-1	0.51	0.53	0.64	0.56	12.51	ppb
Titanium	47-1	66.19	68.40	73.52	69.37	5.42	ppb
Uranium	238-1	1.38	1.32	1.34	1.35	2.22	ppb
Vanadium	51-2	18.55	19.41	19.73	19.23	3.19	ppb
Yttrium	89-1				106		%
Yttrium	89-2				94		%
Zinc	66-2	56.99	54.72	58.72	56.81	3.54	ppb
Zirconium	90-1	4.63	4.32	4.37	4.44	3.77	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-22	Instrumnet Name :	P8
Client Sample ID :	MF6A55	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:22:42	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.18	4.46	4.22	4.29	3.56	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:25:52	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49604.62	48363.06	49349.82	49105.83	1.34	ppb
Antimony	121-1	505.28	509.44	503.80	506.17	0.58	ppb
Arsenic	75-2	500.72	496.92	512.17	503.27	1.58	ppb
Barium	135-1	2555.62	2568.08	2551.80	2558.50	0.33	ppb
Barium	137-1	2542.36	2577.08	2527.44	2548.96	1.00	ppb
Beryllium	9-1	521.81	513.27	513.68	516.25	0.93	ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Boron	10-1	498.11	514.41	507.39	506.64	1.61	ppb
Boron	11-1	496.48	502.10	516.11	504.90	2.00	ppb
Cadmium	111-1	489.63	490.46	482.98	487.69	0.84	ppb
Cadmium	106-1	487.37	490.10	491.02	489.50	0.39	ppb
Cadmium	108-1	485.34	492.29	498.39	492.01	1.33	ppb
Calcium	43-1	243464.59	243778.97	243405.59	243549.72	0.08	ppb
Calcium	44-1	240519.72	240933.52	242870.32	241441.19	0.52	ppb
Chromium	52-2	517.30	505.22	520.07	514.19	1.54	ppb
Cobalt	59-2	512.81	495.56	511.25	506.54	1.88	ppb
Copper	63-2	993.35	966.62	986.98	982.31	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				102		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				85		%
Iron	56-2	127634.48	123365.19	126870.12	125956.59	1.81	ppb
Iron	57-2	124921.40	121618.09	125404.09	123981.19	1.66	ppb
Lead	206-1	512.86	510.41	512.86	512.04	0.28	ppb
Lead	207-1	520.83	518.60	519.85	519.76	0.21	ppb
Lead	208-1	519.85	518.45	522.43	520.24	0.39	ppb
Lithium	6-1				91		%
Magnesium	24-2	252967.06	246605.91	250368.46	249980.48	1.28	ppb
Manganese	55-2	1028.18	1002.45	1011.99	1014.20	1.28	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:25:52	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2597.19	2546.39	2506.04	2549.87	1.79	ppb
Molybdenum	95-1	2535.14	2543.57	2530.23	2536.31	0.27	ppb
Molybdenum	96-1	2562.00	2532.29	2518.94	2537.74	0.87	ppb
Molybdenum	97-1	2572.80	2551.39	2516.05	2546.75	1.13	ppb
Molybdenum	98-1	2537.87	2533.91	2506.46	2526.08	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.81	498.06	508.42	504.77	1.15	ppb
Phosphorus	31-2	10698.74	10309.08	10380.57	10462.80	1.98	ppb
Potassium	39-2	123034.52	119317.72	122519.21	121623.82	1.66	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				79		%
Selenium	77-2	441.12	415.91	501.20	452.74	9.68	ppb
Selenium	78-2	561.80	531.64	511.89	535.11	4.70	ppb
Selenium	82-1	497.02	492.21	493.01	494.08	0.52	ppb
Silicon	28-1	525.78	528.94	543.47	532.73	1.77	ppb
Silver	109-1	496.96	506.06	491.84	498.28	1.45	ppb
Silver	107-1	505.37	505.99	495.14	502.17	1.21	ppb
Sodium	23-2	252742.18	245087.62	250558.17	249462.66	1.58	ppb
Strontium	86-1	504.34	506.00	502.80	504.38	0.32	ppb
Strontium	88-1	522.95	512.93	511.25	515.71	1.23	ppb
Sulfur	34-1	9944.33	10135.08	10187.38	10088.93	1.27	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	511.46	518.44	521.63	517.18	1.01	ppb
Thallium	205-1	514.53	517.53	517.97	516.68	0.36	ppb
Tin	118-1	508.98	512.52	512.09	511.20	0.38	ppb
Titanium	47-1	2554.00	2562.26	2572.10	2562.79	0.35	ppb
Uranium	238-1	521.61	518.81	527.80	522.74	0.88	ppb
Vanadium	51-2	522.01	510.77	517.87	516.89	1.10	ppb
Yttrium	89-1				96		%
Yttrium	89-2				86		%
Zinc	66-2	1004.68	984.69	1001.61	996.99	1.08	ppb
Zirconium	90-1	520.66	516.30	511.52	516.16	0.89	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:25:52	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.19	491.89	486.55	491.21	0.89	ppb

LB Number : LB92745 Operator : Jaswal
 Lab Sample ID : CCB029 Instrumnet Name : P8
 Client Sample ID : CCB029 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-18 16:33:50 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-5.69	-3.30	-5.69	-4.89		ppb
Antimony	121-1	0.17	0.15	0.16	0.16	7.25	ppb
Arsenic	75-2	-0.03	0.09	-0.03	0.01	513.58	ppb
Barium	135-1	0.01	0.02	0.00	0.01	100.81	ppb
Barium	137-1	0.00	0.00	0.02	0.01	211.01	ppb
Beryllium	9-1	0.11	0.07	0.13	0.10	33.81	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	3.27	5.30	5.04	4.54	24.39	ppb
Boron	11-1	5.01	3.56	4.18	4.25	17.07	ppb
Cadmium	111-1	0.06	-0.02	0.03	0.02	177.88	ppb
Cadmium	106-1	1.41	-0.87	0.20	0.25	461.81	ppb
Cadmium	108-1	0.04	0.00	-0.04	0.00		ppb
Calcium	43-1	-8.58	-20.18	-13.06	-13.94		ppb
Calcium	44-1	-13.38	-13.95	-14.03	-13.79		ppb
Chromium	52-2	0.00	0.02	0.01	0.01	95.92	ppb
Cobalt	59-2	0.01	-0.01	0.01	0.00	759.22	ppb
Copper	63-2	0.08	0.03	0.04	0.05	63.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	56-2	2.88	3.75	2.97	3.20	14.92	ppb
Iron	57-2	0.69	5.59	6.87	4.39	74.39	ppb
Lead	206-1	0.14	0.12	0.12	0.13	7.45	ppb
Lead	207-1	0.11	0.08	0.10	0.10	14.11	ppb
Lead	208-1	0.12	0.11	0.11	0.11	1.95	ppb
Lithium	6-1				94		%
Magnesium	24-2	-4.58	-0.31	-1.98	-2.29		ppb
Manganese	55-2	0.07	0.05	0.12	0.08	48.25	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:33:50	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.07	0.08	0.06	67.63	ppb
Molybdenum	95-1	0.06	0.04	0.03	0.05	34.37	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	12.18	ppb
Molybdenum	97-1	0.04	0.06	0.07	0.06	22.77	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	15.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.17	-0.19	0.02	-0.11		ppb
Phosphorus	31-2	-14.94	-14.94	-14.94	-14.94		ppb
Potassium	39-2	16.85	-2.09	8.03	7.59	124.82	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				80		%
Selenium	77-2	7.76	7.64	0.00	5.13	86.61	ppb
Selenium	78-2	0.17	-1.15	-1.15	-0.71		ppb
Selenium	82-1	0.70	0.48	0.75	0.64	21.83	ppb
Silicon	28-1	-24.68	-27.67	-25.89	-26.08		ppb
Silver	109-1	0.00	0.01	0.01	0.01	49.47	ppb
Silver	107-1	0.01	0.01	0.01	0.01	40.24	ppb
Sodium	23-2	40.51	26.83	47.95	38.43	27.87	ppb
Strontium	86-1	0.01	0.08	0.00	0.03	137.33	ppb
Strontium	88-1	0.01	0.00	0.00	0.01	26.30	ppb
Sulfur	34-1	-473.22	-926.20	-572.44	-657.29		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.06	0.05	0.05	0.05	11.84	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	9.35	ppb
Tin	118-1	0.02	0.02	0.04	0.03	32.14	ppb
Titanium	47-1	0.08	-0.05	0.08	0.04	205.00	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	0.00		ppb
Yttrium	89-1				96		%
Yttrium	89-2				88		%
Zinc	66-2	-0.01	0.04	-0.21	-0.06		ppb
Zirconium	90-1	0.00	0.02	0.02	0.01	93.65	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:33:50	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.01	0.01	56.53	ppb

LB Number : LB92745 Operator : Jaswal
 Lab Sample ID : J1175-06 Instrumnet Name : P8
 Client Sample ID : MF6A56 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-18 16:37:01 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17315.12	16951.78	17027.04	17097.98	1.12	ppb
Antimony	121-1	0.28	0.27	0.29	0.28	2.57	ppb
Arsenic	75-2	5.08	4.60	5.15	4.94	6.01	ppb
Barium	135-1	552.52	520.23	510.80	527.85	4.15	ppb
Barium	137-1	547.35	522.65	510.65	526.88	3.55	ppb
Beryllium	9-1	2.23	2.20	2.21	2.22	0.62	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	5.94	9.86	6.55	7.45	28.30	ppb
Boron	11-1	8.26	7.76	7.53	7.85	4.77	ppb
Cadmium	111-1	0.15	0.14	0.09	0.13	24.25	ppb
Cadmium	106-1	2.02	1.51	0.78	1.44	43.22	ppb
Cadmium	108-1	0.41	0.77	0.51	0.56	33.05	ppb
Calcium	43-1	12318.76	11745.51	11228.25	11764.18	4.64	ppb
Calcium	44-1	12600.89	11946.00	11734.93	12093.94	3.73	ppb
Chromium	52-2	27.37	26.70	26.66	26.91	1.48	ppb
Cobalt	59-2	19.56	18.42	18.89	18.96	3.02	ppb
Copper	63-2	45.77	45.08	46.52	45.79	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	27044.25	26501.93	26718.25	26754.81	1.02	ppb
Iron	57-2	26082.41	25628.43	25811.09	25840.64	0.88	ppb
Lead	206-1	31.64	29.91	28.92	30.16	4.57	ppb
Lead	207-1	28.18	26.71	25.46	26.79	5.08	ppb
Lead	208-1	29.77	28.25	27.42	28.48	4.20	ppb
Lithium	6-1				92		%
Magnesium	24-2	13402.65	13278.94	13091.61	13257.74	1.18	ppb
Manganese	55-2	335.56	327.80	329.40	330.92	1.24	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06	Instrumnet Name :	P8
Client Sample ID :	MF6A56	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:37:01	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.19	4.72	4.77	4.89	5.27	ppb
Molybdenum	95-1	0.18	0.16	0.18	0.17	6.00	ppb
Molybdenum	96-1	0.89	0.83	0.71	0.81	10.99	ppb
Molybdenum	97-1	0.17	0.19	0.24	0.20	18.14	ppb
Molybdenum	98-1	0.18	0.15	0.15	0.16	9.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.63	46.97	47.92	47.84	1.74	ppb
Phosphorus	31-2	614.94	775.33	681.19	690.49	11.67	ppb
Potassium	39-2	3101.03	2940.26	3006.76	3016.01	2.68	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				84		%
Selenium	77-2	110.98	75.51	131.49	105.99	26.72	ppb
Selenium	78-2	4.76	12.87	9.45	9.03	45.13	ppb
Selenium	82-1	1.04	1.25	0.63	0.97	32.54	ppb
Silicon	28-1	1559.43	1541.27	1421.20	1507.30	4.98	ppb
Silver	109-1	0.21	0.18	0.18	0.19	10.43	ppb
Silver	107-1	0.19	0.19	0.17	0.19	5.57	ppb
Sodium	23-2	530.25	513.08	550.11	531.15	3.49	ppb
Strontium	86-1	66.93	61.43	60.30	62.89	5.64	ppb
Strontium	88-1	67.51	63.25	62.48	64.41	4.21	ppb
Sulfur	34-1	-1425.38	-2133.96	-2494.27	-2017.87		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.53	0.50	0.53	0.52	3.81	ppb
Thallium	205-1	0.55	0.47	0.45	0.49	10.38	ppb
Tin	118-1	1.29	1.17	1.19	1.21	5.55	ppb
Titanium	47-1	56.06	53.72	52.80	54.19	3.10	ppb
Uranium	238-1	1.03	1.00	0.97	1.00	3.41	ppb
Vanadium	51-2	39.60	39.24	38.61	39.15	1.28	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	132.85	123.65	124.58	127.03	3.99	ppb
Zirconium	90-1	3.32	3.08	2.98	3.13	5.65	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06	Instrumnet Name :	P8
Client Sample ID :	MF6A56	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:37:01	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.29	2.90	2.98	3.06	6.80	ppb

LB Number : LB92745 Operator : Jaswal
 Lab Sample ID : J1175-23 Instrumnet Name : P8
 Client Sample ID : MF6A56D Dilution Factor : 1
 Date & Time Acquired :: 2018-01-18 16:40:11 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16864.75	16381.57	16648.44	16631.59	1.46	ppb
Antimony	121-1	0.26	0.23	0.24	0.24	6.56	ppb
Arsenic	75-2	5.21	4.92	4.95	5.03	3.21	ppb
Barium	135-1	514.44	503.85	498.61	505.63	1.60	ppb
Barium	137-1	521.46	508.48	505.27	511.73	1.68	ppb
Beryllium	9-1	2.12	1.79	1.89	1.93	8.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	6.84	6.92	6.82	6.86	0.78	ppb
Boron	11-1	7.31	7.11	7.02	7.15	2.09	ppb
Cadmium	111-1	0.10	0.13	0.13	0.12	14.32	ppb
Cadmium	106-1	1.52	1.52	1.17	1.40	14.27	ppb
Cadmium	108-1	0.73	0.72	0.38	0.61	32.94	ppb
Calcium	43-1	11593.46	11557.28	11522.53	11557.76	0.31	ppb
Calcium	44-1	11905.26	11796.07	11855.22	11852.18	0.46	ppb
Chromium	52-2	27.53	25.75	25.37	26.22	4.41	ppb
Cobalt	59-2	19.14	18.45	18.84	18.81	1.83	ppb
Copper	63-2	45.71	45.32	45.68	45.57	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				103		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	56-2	26599.08	25544.14	26245.24	26129.48	2.05	ppb
Iron	57-2	25873.97	25060.94	25656.35	25530.42	1.65	ppb
Lead	206-1	29.50	29.04	28.51	29.02	1.72	ppb
Lead	207-1	25.91	26.07	25.62	25.87	0.88	ppb
Lead	208-1	27.87	27.43	26.96	27.42	1.66	ppb
Lithium	6-1				93		%
Magnesium	24-2	13396.65	13016.23	13126.53	13179.81	1.49	ppb
Manganese	55-2	336.57	318.36	331.19	328.70	2.85	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-23	Instrumnet Name :	P8
Client Sample ID :	MF6A56D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:40:11	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.82	6.01	5.78	5.87	2.12	ppb
Molybdenum	95-1	0.14	0.14	0.16	0.15	8.02	ppb
Molybdenum	96-1	0.88	0.91	0.94	0.91	2.97	ppb
Molybdenum	97-1	0.19	0.16	0.13	0.16	20.43	ppb
Molybdenum	98-1	0.12	0.10	0.12	0.11	7.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.73	47.90	48.80	48.48	1.04	ppb
Phosphorus	31-2	727.99	1105.39	543.46	792.28	36.15	ppb
Potassium	39-2	3043.41	2915.42	2992.98	2983.94	2.16	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				84		%
Selenium	77-2	62.11	142.60	103.04	102.58	39.23	ppb
Selenium	78-2	10.60	2.32	23.40	12.11	87.72	ppb
Selenium	82-1	1.47	0.63	0.66	0.92	52.01	ppb
Silicon	28-1	1417.57	1395.70	1365.85	1393.04	1.86	ppb
Silver	109-1	0.16	0.19	0.16	0.17	10.13	ppb
Silver	107-1	0.17	0.18	0.15	0.17	8.50	ppb
Sodium	23-2	541.26	527.90	538.74	535.97	1.32	ppb
Strontium	86-1	61.75	61.16	60.87	61.26	0.74	ppb
Strontium	88-1	63.20	62.55	62.34	62.70	0.72	ppb
Sulfur	34-1	-2578.71	-2666.53	-2828.51	-2691.25		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.39	0.37	0.40	0.39	4.56	ppb
Thallium	205-1	0.43	0.42	0.39	0.41	5.42	ppb
Tin	118-1	1.15	1.09	1.05	1.10	4.60	ppb
Titanium	47-1	53.91	53.71	52.52	53.38	1.41	ppb
Uranium	238-1	1.00	0.97	0.95	0.97	2.45	ppb
Vanadium	51-2	39.71	38.87	38.77	39.12	1.33	ppb
Yttrium	89-1				109		%
Yttrium	89-2				99		%
Zinc	66-2	126.75	125.56	124.80	125.70	0.78	ppb
Zirconium	90-1	3.87	3.81	3.81	3.83	0.84	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-23	Instrumnet Name :	P8
Client Sample ID :	MF6A56D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:40:11	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.97	3.73	3.70	3.80	3.85	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06LX5	Instrumnet Name :	P8
Client Sample ID :	MF6A56L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-18 16:43:22	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3290.30	3335.31	3391.97	3339.19	1.53	ppb
Antimony	121-1	0.07	0.07	0.06	0.07	10.45	ppb
Arsenic	75-2	0.92	1.17	0.75	0.95	22.27	ppb
Barium	135-1	101.03	100.54	101.12	100.90	0.31	ppb
Barium	137-1	100.08	99.63	101.82	100.51	1.15	ppb
Beryllium	9-1	0.40	0.43	0.48	0.44	10.29	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	4.15	1.86	3.62	3.21	37.39	ppb
Boron	11-1	2.82	3.08	2.89	2.93	4.53	ppb
Cadmium	111-1	0.07	0.04	0.06	0.06	28.29	ppb
Cadmium	106-1	1.08	0.81	1.29	1.06	22.49	ppb
Cadmium	108-1	0.12	0.25	0.13	0.17	43.47	ppb
Calcium	43-1	2273.97	2183.29	2213.30	2223.52	2.08	ppb
Calcium	44-1	2279.42	2237.06	2281.60	2266.03	1.11	ppb
Chromium	52-2	5.38	5.58	5.41	5.46	2.04	ppb
Cobalt	59-2	3.79	3.75	3.76	3.76	0.60	ppb
Copper	63-2	9.34	9.53	9.24	9.37	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	5448.08	5626.43	5433.06	5502.53	1.95	ppb
Iron	57-2	5153.41	5374.10	5259.31	5262.27	2.10	ppb
Lead	206-1	5.78	5.73	5.68	5.73	0.83	ppb
Lead	207-1	5.08	5.15	5.16	5.13	0.86	ppb
Lead	208-1	5.44	5.50	5.48	5.47	0.47	ppb
Lithium	6-1				96		%
Magnesium	24-2	2582.07	2687.28	2651.04	2640.13	2.02	ppb
Manganese	55-2	66.32	70.13	66.89	67.78	3.03	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06LX5	Instrumnet Name :	P8
Client Sample ID :	MF6A56L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-18 16:43:22	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.92	1.13	0.90	0.98	12.88	ppb
Molybdenum	95-1	0.01	0.05	0.01	0.02	95.00	ppb
Molybdenum	96-1	0.15	0.19	0.12	0.15	24.32	ppb
Molybdenum	97-1	0.03	0.07	0.03	0.04	57.92	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	12.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.89	9.70	9.56	9.71	1.71	ppb
Phosphorus	31-2	53.95	20.99	89.01	54.65	62.25	ppb
Potassium	39-2	586.90	657.65	542.41	595.65	9.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				83		%
Selenium	77-2	0.00	0.00	43.36	14.45	173.21	ppb
Selenium	78-2	2.53	3.89	-1.15	1.76	148.14	ppb
Selenium	82-1	0.61	0.82	1.14	0.85	31.12	ppb
Silicon	28-1	330.33	321.03	332.41	327.92	1.85	ppb
Silver	109-1	0.03	0.05	0.04	0.04	17.95	ppb
Silver	107-1	0.03	0.04	0.03	0.03	2.02	ppb
Sodium	23-2	132.37	136.85	131.97	133.73	2.02	ppb
Strontium	86-1	12.87	12.53	13.11	12.84	2.29	ppb
Strontium	88-1	13.16	13.18	13.17	13.17	0.05	ppb
Sulfur	34-1	-2397.08	-2851.47	-2588.42	-2612.32		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.07	0.07	0.07	7.58	ppb
Thallium	205-1	0.08	0.07	0.09	0.08	11.91	ppb
Tin	118-1	0.27	0.22	0.22	0.24	12.47	ppb
Titanium	47-1	10.71	10.13	11.14	10.66	4.77	ppb
Uranium	238-1	0.19	0.18	0.17	0.18	3.78	ppb
Vanadium	51-2	7.65	7.88	8.33	7.95	4.36	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	25.13	26.11	25.29	25.51	2.07	ppb
Zirconium	90-1	0.62	0.63	0.66	0.64	3.25	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06LX5	Instrumnet Name :	P8
Client Sample ID :	MF6A56L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-18 16:43:22	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.60	0.70	0.65	0.65	7.52	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-24	Instrumnet Name :	P8
Client Sample ID :	MF6A56S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:46:34	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17860.96	17449.04	17694.67	17668.23	1.17	ppb
Antimony	121-1	20.59	20.54	20.45	20.53	0.34	ppb
Arsenic	75-2	12.99	12.54	12.99	12.84	2.04	ppb
Barium	135-1	933.16	937.40	926.54	932.36	0.59	ppb
Barium	137-1	947.09	964.96	962.76	958.27	1.02	ppb
Beryllium	9-1	12.31	12.72	12.48	12.50	1.64	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	7.14	6.61	6.97	6.91	3.91	ppb
Boron	11-1	6.23	6.06	6.06	6.12	1.54	ppb
Cadmium	111-1	10.33	10.24	10.36	10.31	0.60	ppb
Cadmium	106-1	11.12	10.89	11.29	11.10	1.78	ppb
Cadmium	108-1	9.88	11.60	10.36	10.61	8.35	ppb
Calcium	43-1	11473.38	11653.48	11881.96	11669.61	1.75	ppb
Calcium	44-1	11913.84	11842.95	12201.41	11986.07	1.58	ppb
Chromium	52-2	68.92	68.17	70.94	69.34	2.06	ppb
Cobalt	59-2	123.13	121.88	126.75	123.92	2.04	ppb
Copper	63-2	97.90	97.98	100.13	98.67	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	27146.05	26767.29	27593.31	27168.88	1.52	ppb
Iron	57-2	26566.45	26397.02	27059.10	26674.19	1.29	ppb
Lead	206-1	33.40	33.54	33.68	33.54	0.41	ppb
Lead	207-1	30.66	30.25	30.88	30.60	1.05	ppb
Lead	208-1	31.89	32.01	32.25	32.05	0.58	ppb
Lithium	6-1				96		%
Magnesium	24-2	13716.96	13335.67	13735.03	13595.89	1.66	ppb
Manganese	55-2	445.83	434.11	444.45	441.46	1.45	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-24	Instrumnet Name :	P8
Client Sample ID :	MF6A56S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:46:34	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.99	5.98	6.25	6.07	2.57	ppb
Molybdenum	95-1	0.13	0.15	0.12	0.13	12.41	ppb
Molybdenum	96-1	0.88	0.88	0.86	0.87	1.26	ppb
Molybdenum	97-1	0.20	0.16	0.11	0.16	26.70	ppb
Molybdenum	98-1	0.16	0.13	0.14	0.14	10.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	154.06	154.03	157.81	155.30	1.40	ppb
Phosphorus	31-2	733.41	966.06	853.80	851.09	13.67	ppb
Potassium	39-2	3132.74	3089.39	3184.80	3135.64	1.52	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				85		%
Selenium	77-2	99.96	119.55	133.83	117.78	14.44	ppb
Selenium	78-2	28.34	30.49	26.17	28.34	7.62	ppb
Selenium	82-1	19.79	19.70	19.40	19.63	1.02	ppb
Silicon	28-1	1431.26	1447.76	1529.04	1469.35	3.56	ppb
Silver	109-1	9.90	9.92	10.24	10.02	1.88	ppb
Silver	107-1	9.98	10.01	10.26	10.08	1.52	ppb
Sodium	23-2	541.30	546.46	547.94	545.23	0.64	ppb
Strontium	86-1	61.97	61.87	61.63	61.82	0.28	ppb
Strontium	88-1	63.41	63.53	64.66	63.87	1.08	ppb
Sulfur	34-1	-3253.73	-3694.67	-3183.43	-3377.28		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	10.16	10.26	10.44	10.29	1.37	ppb
Thallium	205-1	10.44	10.43	10.54	10.47	0.59	ppb
Tin	118-1	1.15	1.15	1.16	1.15	0.87	ppb
Titanium	47-1	55.82	51.62	54.82	54.09	4.05	ppb
Uranium	238-1	0.99	0.98	0.97	0.98	1.23	ppb
Vanadium	51-2	144.81	142.43	147.79	145.01	1.85	ppb
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	231.87	229.50	237.08	232.82	1.67	ppb
Zirconium	90-1	3.76	3.86	3.89	3.84	1.85	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-24	Instrumnet Name :	P8
Client Sample ID :	MF6A56S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:46:34	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.73	3.71	3.66	3.70	0.95	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-09	Instrumnet Name :	P8
Client Sample ID :	MF6A59	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:49:44	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7930.79	7895.82	8028.36	7951.66	0.86	ppb
Antimony	121-1	0.27	0.27	0.28	0.27	2.89	ppb
Arsenic	75-2	1.64	2.11	1.78	1.84	13.00	ppb
Barium	135-1	394.60	427.65	399.96	407.40	4.35	ppb
Barium	137-1	396.61	429.48	399.55	408.55	4.45	ppb
Beryllium	9-1	0.74	0.92	0.70	0.79	14.45	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	4.81	3.84	1.98	3.54	40.65	ppb
Boron	11-1	4.68	5.13	4.48	4.76	6.96	ppb
Cadmium	111-1	0.23	0.21	0.17	0.20	15.17	ppb
Cadmium	106-1	1.93	1.95	1.90	1.93	1.37	ppb
Cadmium	108-1	0.45	0.49	0.99	0.64	47.43	ppb
Calcium	43-1	39583.76	42671.75	39464.64	40573.38	4.48	ppb
Calcium	44-1	39442.94	42391.72	39904.65	40579.77	3.91	ppb
Chromium	52-2	15.88	15.71	15.98	15.86	0.87	ppb
Cobalt	59-2	9.64	9.38	9.63	9.55	1.54	ppb
Copper	63-2	16.49	15.83	15.79	16.03	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	17624.89	17163.08	17635.57	17474.51	1.54	ppb
Iron	57-2	17373.01	16635.46	17077.16	17028.54	2.18	ppb
Lead	206-1	15.29	16.44	15.33	15.69	4.17	ppb
Lead	207-1	13.56	14.73	14.00	14.09	4.20	ppb
Lead	208-1	14.50	15.59	14.52	14.87	4.22	ppb
Lithium	6-1				93		%
Magnesium	24-2	13417.54	12903.22	13305.71	13208.82	2.05	ppb
Manganese	55-2	264.84	256.86	262.13	261.28	1.55	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-09	Instrumnet Name :	P8
Client Sample ID :	MF6A59	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:49:44	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.65	9.80	9.27	9.57	2.86	ppb
Molybdenum	95-1	0.27	0.24	0.25	0.25	5.07	ppb
Molybdenum	96-1	1.37	1.46	1.41	1.42	3.16	ppb
Molybdenum	97-1	0.25	0.33	0.24	0.27	17.34	ppb
Molybdenum	98-1	0.28	0.29	0.31	0.29	4.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.56	23.43	23.64	23.88	2.52	ppb
Phosphorus	31-2	1096.05	1132.32	1276.60	1168.32	8.17	ppb
Potassium	39-2	1481.24	1409.94	1494.40	1461.86	3.11	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				82		%
Selenium	77-2	83.78	71.04	64.02	72.95	13.73	ppb
Selenium	78-2	9.55	12.15	8.53	10.08	18.52	ppb
Selenium	82-1	0.25	0.88	0.69	0.60	53.14	ppb
Silicon	28-1	1792.18	1816.54	1661.98	1756.90	4.73	ppb
Silver	109-1	0.07	0.08	0.08	0.08	8.60	ppb
Silver	107-1	0.10	0.08	0.09	0.09	7.12	ppb
Sodium	23-2	382.82	352.18	377.30	370.77	4.40	ppb
Strontium	86-1	69.14	73.03	70.76	70.98	2.76	ppb
Strontium	88-1	71.14	76.28	72.11	73.18	3.73	ppb
Sulfur	34-1	-2351.08	-877.44	-2204.89	-1811.14		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.34	0.37	0.35	0.35	5.02	ppb
Thallium	205-1	0.34	0.36	0.34	0.35	3.49	ppb
Tin	118-1	0.68	0.59	0.62	0.63	7.23	ppb
Titanium	47-1	133.01	135.90	125.85	131.59	3.93	ppb
Uranium	238-1	1.13	1.17	1.13	1.14	1.66	ppb
Vanadium	51-2	23.41	22.36	23.39	23.05	2.59	ppb
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	63.57	62.62	60.92	62.37	2.15	ppb
Zirconium	90-1	5.96	6.67	5.95	6.19	6.68	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-09	Instrumnet Name :	P8
Client Sample ID :	MF6A59	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:49:44	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.84	6.15	5.79	5.93	3.30	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-14DLX10	Instrumnet Name :	P8
Client Sample ID :	MF6A47	Dilution Factor :	10
Date & Time Acquired ::	2018-01-18 16:55:08	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1706.89	1602.22	1621.63	1643.58	3.39	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	3.45	ppb
Arsenic	75-2	3.97	3.47	4.29	3.91	10.60	ppb
Barium	135-1	170.62	171.65	171.45	171.24	0.32	ppb
Barium	137-1	170.16	170.08	171.22	170.48	0.38	ppb
Beryllium	9-1	0.38	0.23	0.29	0.30	24.19	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	3.16	4.39	3.04	3.53	21.24	ppb
Boron	11-1	3.51	2.63	3.19	3.11	14.35	ppb
Cadmium	111-1	0.10	0.12	0.16	0.13	23.66	ppb
Cadmium	106-1	-0.03	1.22	1.08	0.76	90.42	ppb
Cadmium	108-1	0.12	0.17	0.13	0.14	18.25	ppb
Calcium	43-1	1148.34	1215.15	1206.97	1190.15	3.06	ppb
Calcium	44-1	1183.01	1184.08	1191.32	1186.14	0.38	ppb
Chromium	52-2	3.10	3.24	3.41	3.25	4.84	ppb
Cobalt	59-2	3.08	3.07	3.07	3.07	0.29	ppb
Copper	63-2	4.35	4.10	4.10	4.18	3.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	4927.00	4830.28	4805.28	4854.19	1.32	ppb
Iron	57-2	4719.33	4563.98	4680.33	4654.55	1.74	ppb
Lead	206-1	220.95	219.48	218.50	219.64	0.56	ppb
Lead	207-1	199.19	199.09	197.49	198.59	0.48	ppb
Lead	208-1	215.62	214.30	213.12	214.34	0.58	ppb
Lithium	6-1				96		%
Magnesium	24-2	406.48	391.21	407.21	401.64	2.25	ppb
Manganese	55-2	234.80	227.80	229.37	230.66	1.59	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-14DLX10	Instrumnet Name :	P8
Client Sample ID :	MF6A47	Dilution Factor :	10
Date & Time Acquired ::	2018-01-18 16:55:08	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.70	0.75	0.72	0.72	3.51	ppb
Molybdenum	95-1	0.07	0.12	0.11	0.10	23.78	ppb
Molybdenum	96-1	0.20	0.16	0.21	0.19	13.50	ppb
Molybdenum	97-1	0.16	0.10	0.11	0.12	25.38	ppb
Molybdenum	98-1	0.11	0.12	0.11	0.11	5.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.93	2.98	2.37	2.76	12.21	ppb
Phosphorus	31-2	21.24	20.65	20.41	20.77	2.05	ppb
Potassium	39-2	104.38	116.19	103.78	108.12	6.47	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				81		%
Selenium	77-2	0.00	7.37	0.00	2.46	173.21	ppb
Selenium	78-2	5.11	-1.15	0.11	1.36	243.99	ppb
Selenium	82-1	0.09	1.22	0.42	0.58	101.71	ppb
Silicon	28-1	212.16	216.50	217.68	215.45	1.35	ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.21	ppb
Silver	107-1	0.02	0.02	0.01	0.01	54.63	ppb
Sodium	23-2	100.77	86.10	100.29	95.72	8.71	ppb
Strontium	86-1	17.83	17.24	17.01	17.36	2.43	ppb
Strontium	88-1	18.02	17.99	17.65	17.89	1.15	ppb
Sulfur	34-1	-1457.16	-1468.41	-1448.69	-1458.09		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.03	0.02	0.02	26.85	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.31	ppb
Tin	118-1	0.18	0.21	0.15	0.18	16.24	ppb
Titanium	47-1	6.29	6.91	7.07	6.76	6.13	ppb
Uranium	238-1	0.26	0.26	0.25	0.26	2.43	ppb
Vanadium	51-2	8.62	8.65	8.10	8.46	3.65	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	22.27	24.11	22.16	22.85	4.79	ppb
Zirconium	90-1	0.44	0.43	0.46	0.44	3.42	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-14DLX10	Instrumnet Name :	P8
Client Sample ID :	MF6A47	Dilution Factor :	10
Date & Time Acquired ::	2018-01-18 16:55:08	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.43	0.45	0.41	0.43	5.34	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-15DLX10	Instrumnet Name :	P8
Client Sample ID :	MF6A48	Dilution Factor :	10
Date & Time Acquired ::	2018-01-18 16:58:18	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1557.95	1632.59	1627.29	1605.95	2.59	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	3.96	ppb
Arsenic	75-2	3.46	3.28	3.68	3.47	5.76	ppb
Barium	135-1	126.29	128.37	124.28	126.31	1.62	ppb
Barium	137-1	127.18	128.64	125.46	127.10	1.25	ppb
Beryllium	9-1	0.26	0.33	0.29	0.29	13.37	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	1.21	0.60	1.79	1.20	49.50	ppb
Boron	11-1	1.38	1.51	1.09	1.33	16.13	ppb
Cadmium	111-1	0.08	0.11	0.04	0.08	46.96	ppb
Cadmium	106-1	1.30	1.79	0.07	1.06	83.68	ppb
Cadmium	108-1	0.09	0.08	0.12	0.10	22.73	ppb
Calcium	43-1	847.83	862.32	906.71	872.28	3.52	ppb
Calcium	44-1	882.31	876.62	882.05	880.33	0.37	ppb
Chromium	52-2	2.92	2.88	2.65	2.81	5.19	ppb
Cobalt	59-2	2.25	2.20	1.95	2.13	7.50	ppb
Copper	63-2	4.53	4.20	4.16	4.30	4.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	4591.23	4469.02	4511.97	4524.07	1.37	ppb
Iron	57-2	4403.25	4337.22	4295.69	4345.39	1.25	ppb
Lead	206-1	194.99	194.04	195.17	194.73	0.31	ppb
Lead	207-1	173.74	173.88	175.09	174.24	0.43	ppb
Lead	208-1	189.17	188.95	189.88	189.33	0.26	ppb
Lithium	6-1				96		%
Magnesium	24-2	476.57	470.20	452.39	466.39	2.69	ppb
Manganese	55-2	49.93	48.14	48.70	48.92	1.87	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-15DLX10	Instrumnet Name :	P8
Client Sample ID :	MF6A48	Dilution Factor :	10
Date & Time Acquired ::	2018-01-18 16:58:18	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.43	0.42	0.40	0.41	4.32	ppb
Molybdenum	95-1	0.16	0.13	0.14	0.14	10.25	ppb
Molybdenum	96-1	0.21	0.17	0.20	0.19	11.50	ppb
Molybdenum	97-1	0.12	0.12	0.17	0.14	23.25	ppb
Molybdenum	98-1	0.16	0.15	0.15	0.15	5.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.50	2.79	3.19	2.83	12.24	ppb
Phosphorus	31-2	20.70	-14.94	55.36	20.37	172.54	ppb
Potassium	39-2	55.53	70.96	88.15	71.55	22.81	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				82		%
Selenium	77-2	7.35	0.00	7.39	4.91	86.60	ppb
Selenium	78-2	1.35	1.37	0.11	0.94	76.46	ppb
Selenium	82-1	0.94	1.10	0.55	0.86	32.39	ppb
Silicon	28-1	172.19	172.82	171.40	172.14	0.42	ppb
Silver	109-1	0.01	0.01	0.01	0.01	29.78	ppb
Silver	107-1	0.02	0.01	0.01	0.01	49.29	ppb
Sodium	23-2	90.08	82.47	85.86	86.14	4.42	ppb
Strontium	86-1	6.54	6.84	6.68	6.69	2.27	ppb
Strontium	88-1	6.80	6.86	6.82	6.83	0.44	ppb
Sulfur	34-1	-1423.00	-1489.08	-1604.62	-1505.57		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.03	0.01	0.03	43.91	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	24.43	ppb
Tin	118-1	0.19	0.18	0.16	0.18	7.62	ppb
Titanium	47-1	1.87	1.70	1.68	1.75	5.85	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	1.19	ppb
Vanadium	51-2	7.07	6.71	6.87	6.88	2.60	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	11.08	10.45	9.91	10.48	5.60	ppb
Zirconium	90-1	0.22	0.20	0.20	0.21	6.39	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-15DLX10	Instrumnet Name :	P8
Client Sample ID :	MF6A48	Dilution Factor :	10
Date & Time Acquired ::	2018-01-18 16:58:18	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.18	0.18	0.15	32.92	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 17:01:29	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50611.18	49298.11	48555.09	49488.12	2.10	ppb
Antimony	121-1	501.27	504.67	506.15	504.03	0.50	ppb
Arsenic	75-2	503.81	498.20	490.03	497.35	1.39	ppb
Barium	135-1	2525.00	2530.00	2585.03	2546.68	1.31	ppb
Barium	137-1	2554.19	2539.02	2558.91	2550.71	0.41	ppb
Beryllium	9-1	526.28	521.27	524.26	523.94	0.48	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	505.29	514.46	528.90	516.22	2.31	ppb
Boron	11-1	500.85	516.26	524.04	513.72	2.30	ppb
Cadmium	111-1	484.63	486.59	493.54	488.25	0.96	ppb
Cadmium	106-1	493.08	495.28	508.18	498.85	1.63	ppb
Cadmium	108-1	491.13	493.33	498.93	494.46	0.81	ppb
Calcium	43-1	237111.67	241914.14	241369.08	240131.63	1.10	ppb
Calcium	44-1	235685.06	240111.57	237086.61	237627.75	0.95	ppb
Chromium	52-2	521.43	506.83	503.65	510.64	1.86	ppb
Cobalt	59-2	508.65	493.01	490.08	497.25	2.01	ppb
Copper	63-2	987.75	958.04	954.86	966.88	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				88		%
Iron	56-2	127649.27	124258.02	123014.10	124973.80	1.92	ppb
Iron	57-2	125307.31	121395.09	120556.69	122419.69	2.07	ppb
Lead	206-1	514.09	515.25	518.50	515.95	0.44	ppb
Lead	207-1	512.18	525.00	513.06	516.75	1.39	ppb
Lead	208-1	517.24	520.86	520.12	519.41	0.37	ppb
Lithium	6-1				94		%
Magnesium	24-2	255462.69	247552.29	243426.26	248813.75	2.46	ppb
Manganese	55-2	1023.62	994.70	1001.75	1006.69	1.50	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 17:01:29	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2568.54	2546.77	2589.55	2568.29	0.83	ppb
Molybdenum	95-1	2569.24	2513.40	2537.16	2539.93	1.10	ppb
Molybdenum	96-1	2544.64	2481.41	2545.80	2523.95	1.46	ppb
Molybdenum	97-1	2566.10	2557.01	2579.34	2567.48	0.44	ppb
Molybdenum	98-1	2553.12	2494.79	2554.16	2534.02	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.36	490.19	490.97	496.84	2.18	ppb
Phosphorus	31-2	11517.61	10157.24	10049.56	10574.80	7.74	ppb
Potassium	39-2	124038.98	120607.61	119912.96	121519.85	1.82	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				82		%
Selenium	77-2	428.19	530.90	439.54	466.21	12.08	ppb
Selenium	78-2	493.25	460.85	530.12	494.74	7.00	ppb
Selenium	82-1	500.18	493.07	501.30	498.18	0.90	ppb
Silicon	28-1	514.03	525.81	522.55	520.79	1.17	ppb
Silver	109-1	502.00	498.90	502.90	501.27	0.42	ppb
Silver	107-1	501.68	499.73	502.78	501.40	0.31	ppb
Sodium	23-2	255557.54	248385.06	247456.47	250466.36	1.77	ppb
Strontium	86-1	505.64	499.72	511.81	505.72	1.20	ppb
Strontium	88-1	519.30	510.48	525.54	518.44	1.46	ppb
Sulfur	34-1	9276.78	9730.59	9241.45	9416.27	2.90	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	513.44	524.26	516.17	517.96	1.09	ppb
Thallium	205-1	508.53	517.36	516.91	514.26	0.97	ppb
Tin	118-1	501.53	507.34	517.48	508.78	1.59	ppb
Titanium	47-1	2525.70	2527.46	2543.35	2532.17	0.38	ppb
Uranium	238-1	520.97	525.45	522.94	523.12	0.43	ppb
Vanadium	51-2	522.54	508.24	504.42	511.73	1.87	ppb
Yttrium	89-1				98		%
Yttrium	89-2				89		%
Zinc	66-2	1006.18	964.54	973.04	981.26	2.24	ppb
Zirconium	90-1	511.19	506.23	514.04	510.49	0.77	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 17:01:29	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.59	488.78	500.74	496.04	1.29	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 17:04:31	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.40	-5.69	-5.69	-4.93		ppb
Antimony	121-1	0.28	0.31	0.30	0.30	4.35	ppb
Arsenic	75-2	0.12	0.06	-0.03	0.05	141.20	ppb
Barium	135-1	0.08	0.01	0.05	0.05	74.66	ppb
Barium	137-1	0.04	0.03	0.04	0.04	24.04	ppb
Beryllium	9-1	0.32	0.23	0.23	0.26	19.15	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	12.46	12.33	11.18	11.99	5.86	ppb
Boron	11-1	13.58	12.70	11.93	12.74	6.46	ppb
Cadmium	111-1	0.10	0.10	0.09	0.09	4.31	ppb
Cadmium	106-1	1.07	0.84	1.21	1.04	17.81	ppb
Cadmium	108-1	0.00	0.04	-0.04	0.00		ppb
Calcium	43-1	-26.63	-6.10	-18.65	-17.13		ppb
Calcium	44-1	-12.70	-15.38	-12.23	-13.44		ppb
Chromium	52-2	0.01	-0.07	0.08	0.01	998.93	ppb
Cobalt	59-2	0.02	0.00	-0.01	0.00	470.38	ppb
Copper	63-2	0.05	0.04	0.08	0.06	43.75	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				102		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	5.21	4.62	5.54	5.12	9.04	ppb
Iron	57-2	4.61	7.98	7.04	6.54	26.60	ppb
Lead	206-1	0.08	0.09	0.08	0.09	4.28	ppb
Lead	207-1	0.07	0.10	0.05	0.08	31.36	ppb
Lead	208-1	0.10	0.10	0.09	0.09	7.28	ppb
Lithium	6-1				96		%
Magnesium	24-2	-3.83	-5.23	0.82	-2.75		ppb
Manganese	55-2	0.04	-0.01	0.05	0.03	110.42	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 17:04:31	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.13	0.12	0.12	7.07	ppb
Molybdenum	95-1	0.17	0.15	0.13	0.15	13.29	ppb
Molybdenum	96-1	0.19	0.13	0.15	0.16	20.45	ppb
Molybdenum	97-1	0.13	0.15	0.16	0.15	10.84	ppb
Molybdenum	98-1	0.17	0.11	0.13	0.14	20.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.25	-0.20	-0.21		ppb
Phosphorus	31-2	-14.94	-14.94	21.82	-2.69		ppb
Potassium	39-2	20.79	-12.43	-14.23	-1.96		ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				81		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.15	-1.15	-1.15	-1.15		ppb
Selenium	82-1	0.60	0.30	0.49	0.46	32.87	ppb
Silicon	28-1	-21.03	-24.66	-27.08	-24.26		ppb
Silver	109-1	0.02	0.01	0.02	0.02	34.90	ppb
Silver	107-1	0.02	0.02	0.03	0.02	16.66	ppb
Sodium	23-2	45.17	54.71	51.05	50.31	9.56	ppb
Strontium	86-1	0.03	-0.04	-0.02	-0.01		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	74.42	ppb
Sulfur	34-1	-893.64	-1043.61	-1230.67	-1055.98		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.14	0.13	0.11	0.13	14.57	ppb
Thallium	205-1	0.12	0.12	0.09	0.11	16.26	ppb
Tin	118-1	0.10	0.09	0.09	0.09	5.77	ppb
Titanium	47-1	0.13	0.02	0.07	0.07	74.39	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	30.48	ppb
Vanadium	51-2	0.00	0.00	0.03	0.01	148.71	ppb
Yttrium	89-1				97		%
Yttrium	89-2				89		%
Zinc	66-2	0.11	0.07	0.04	0.07	46.28	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	37.36	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 17:04:31	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.03	0.01	0.01	100.41	ppb

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:28:52	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	25	25	33.32	cps
Antimony	121-1	142	25	100	89	66.51	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	25	8	17	17	50.01	cps
Barium	137-1	25	25	58	36	53.30	cps
Beryllium	9-1	67	89	67	74	17.32	cps
Bismuth	209-1	3861891	3884358	3853845	3866698	0.41	cps
Bismuth	209-2	905893	905203	899952	903683	0.36	cps
Boron	10-1	117	92	92	100	14.43	cps
Boron	11-1	533	450	425	469	12.08	cps
Cadmium	111-1	283	269	222	258	12.46	cps
Cadmium	106-1	683	642	558	628	10.14	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	767	708	783	753	5.23	cps
Calcium	44-1	13949	13591	13774	13771	1.30	cps
Chromium	52-2	233	207	200	213	8.27	cps
Cobalt	59-2	50	27	67	48	42.05	cps
Copper	63-2	97	100	120	106	11.95	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	33	33	25	31	15.74	cps
Gadolinium	160-2	0	0	7	2	173.21	cps
Holmium	165-1	5753782	5756799	5675393	5728658	0.81	cps
Holmium	165-2	1112081	1106724	1102779	1107195	0.42	cps
Indium	115-1	4459285	4428847	4428827	4438987	0.40	cps
Indium	115-2	189645	186291	185930	187289	1.09	cps
Iron	56-2	1083	1011	1161	1085	6.91	cps
Iron	57-2	17	17	28	20	31.48	cps
Lead	206-1	367	283	389	346	16.07	cps
Lead	207-1	322	311	261	298	10.92	cps
Lead	208-1	1289	1200	1322	1270	4.97	cps
Lithium	6-1	615973	620805	616075	617618	0.45	cps
Magnesium	24-2	292	292	317	300	4.81	cps
Manganese	55-2	17	13	10	13	25.01	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:28:52	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	92	142	100	111	24.11	cps
Molybdenum	95-1	42	25	33	33	25.01	cps
Molybdenum	96-1	75	33	75	61	39.37	cps
Molybdenum	97-1	33	42	50	42	20.00	cps
Molybdenum	98-1	25	33	67	42	52.92	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	320	363	380	354	8.74	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2234	2050	2334	2206	6.52	cps
Rhodium	103-1	4108597	4105409	4136838	4116948	0.42	cps
Rhodium	103-2	1032107	1026535	1024841	1027827	0.37	cps
Scandium	45-1	2282761	2340043	2303495	2308766	1.26	cps
Scandium	45-2	19754	19714	19434	19634	0.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-98	-24	-57	-60	-61.73	cps
Silicon	28-1	362791	362799	357878	361156	0.79	cps
Silver	109-1	33	33	75	47	50.95	cps
Silver	107-1	83	75	33	64	41.94	cps
Sodium	23-2	6827	6702	7102	6877	2.98	cps
Strontium	86-1	458	425	433	439	3.95	cps
Strontium	88-1	75	75	67	72	6.66	cps
Sulfur	34-1	306302	306008	304464	305591	0.32	cps
Terbium	159-1	5896740	5940082	5825883	5887568	0.98	cps
Terbium	159-2	1070252	1059214	1059436	1062968	0.59	cps
Thallium	203-1	108	158	150	139	19.29	cps
Thallium	205-1	317	342	450	369	19.18	cps
Tin	118-1	342	483	425	417	17.09	cps
Titanium	47-1	67	42	67	58	24.74	cps
Uranium	238-1	58	83	67	69	18.33	cps
Vanadium	51-2	3	7	0	3	100.05	cps
Yttrium	89-1	4552729	4564228	4529197	4548718	0.39	cps
Yttrium	89-2	139140	137807	138696	138548	0.49	cps
Zinc	66-2	40	10	27	26	58.81	cps
Zirconium	90-1	267	233	275	258	8.53	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:28:52	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	117	33	69	61.58	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:35:54	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	58	133	94	39.79	cps
Antimony	121-1	11981	12331	11989	12100	1.65	cps
Arsenic	75-2	69	83	87	80	12.31	cps
Barium	135-1	13291	12640	13115	13015	2.59	cps
Barium	137-1	21852	22745	22311	22303	2.00	cps
Beryllium	9-1	867	772	761	800	7.25	cps
Bismuth	209-1	3740929	3714077	3738775	3731260	0.40	cps
Bismuth	209-2	888068	881681	886299	885349	0.37	cps
Boron	10-1	1975	1917	2150	2014	6.03	cps
Boron	11-1	8386	9345	8920	8884	5.41	cps
Cadmium	111-1	1476	1329	1480	1428	6.02	cps
Cadmium	106-1	758	717	883	786	11.03	cps
Cadmium	108-1	88	113	88	96	15.06	cps
Calcium	43-1	6635	6710	6552	6632	1.19	cps
Calcium	44-1	110240	107434	107904	108526	1.38	cps
Chromium	52-2	1237	1363	1230	1277	5.88	cps
Cobalt	59-2	1253	1193	1130	1192	5.17	cps
Copper	63-2	2187	2087	2167	2147	2.47	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	33	67	17	39	65.47	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	5483375	5408632	5444954	5445654	0.69	cps
Holmium	165-2	1082781	1082918	1082007	1082569	0.05	cps
Indium	115-1	4301030	4301851	4259837	4287573	0.56	cps
Indium	115-2	183175	181840	182548	182521	0.37	cps
Iron	56-2	18680	18390	19058	18709	1.79	cps
Iron	57-2	572	456	572	533	12.63	cps
Lead	206-1	4395	4329	4267	4330	1.48	cps
Lead	207-1	4156	4023	4168	4116	1.95	cps
Lead	208-1	18055	18139	17811	18002	0.95	cps
Lithium	6-1	607975	613358	609883	610406	0.45	cps
Magnesium	24-2	9187	9704	9654	9515	3.00	cps
Manganese	55-2	147	160	193	167	14.42	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:35:54	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10296	10446	9929	10224	2.60	cps
Molybdenum	95-1	12506	12431	12348	12428	0.64	cps
Molybdenum	96-1	13724	13716	14033	13824	1.31	cps
Molybdenum	97-1	7452	7344	7619	7472	1.85	cps
Molybdenum	98-1	19581	19256	19239	19359	1.00	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	667	640	623	643	3.40	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	7486	7377	7060	7308	3.02	cps
Rhodium	103-1	4024928	4008081	4033691	4022233	0.32	cps
Rhodium	103-2	1005353	1001080	1010780	1005738	0.48	cps
Scandium	45-1	2266403	2274827	2286907	2276046	0.45	cps
Scandium	45-2	18809	18963	18626	18799	0.90	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	15	9	15	13	24.72	cps
Selenium	82-1	433	342	396	390	11.71	cps
Silicon	28-1	396224	389464	393883	393190	0.87	cps
Silver	109-1	5752	6027	6018	5932	2.64	cps
Silver	107-1	6627	5810	6385	6274	6.69	cps
Sodium	23-2	28279	29398	28020	28566	2.56	cps
Strontium	86-1	2192	2100	2100	2131	2.48	cps
Strontium	88-1	13741	13824	14592	14052	3.34	cps
Sulfur	34-1	302933	304456	304599	303996	0.30	cps
Terbium	159-1	5635060	5651740	5603498	5630100	0.44	cps
Terbium	159-2	1045364	1030925	1042281	1039523	0.73	cps
Thallium	203-1	5476	5143	5343	5321	3.15	cps
Thallium	205-1	12215	12398	12290	12301	0.75	cps
Tin	118-1	21635	20483	20925	21015	2.77	cps
Titanium	47-1	2934	2875	3176	2995	5.31	cps
Uranium	238-1	16061	16587	16420	16356	1.64	cps
Vanadium	51-2	1927	1907	2004	1946	2.62	cps
Yttrium	89-1	4389930	4403888	4387889	4393902	0.20	cps
Yttrium	89-2	135605	134756	135592	135318	0.36	cps
Zinc	66-2	173	187	230	197	15.07	cps
Zirconium	90-1	9078	8903	8812	8931	1.52	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:35:54	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1975	1775	1809	1853	5.78	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:39:25	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4251	4142	3909	4101	4.26	cps
Antimony	121-1	328641	332225	329257	330041	0.58	cps
Arsenic	75-2	3519	3538	3447	3501	1.37	cps
Barium	135-1	356460	356069	359330	357286	0.50	cps
Barium	137-1	626444	623334	625921	625233	0.27	cps
Beryllium	9-1	35383	35411	35884	35559	0.79	cps
Bismuth	209-1	3766997	3772417	3765628	3768347	0.10	cps
Bismuth	209-2	892871	890918	892933	892241	0.13	cps
Boron	10-1	3934	4234	4001	4056	3.89	cps
Boron	11-1	19322	19606	19956	19628	1.62	cps
Cadmium	111-1	67827	68174	67402	67801	0.57	cps
Cadmium	106-1	7578	7594	7736	7636	1.14	cps
Cadmium	108-1	4847	4934	5043	4941	1.99	cps
Calcium	43-1	64256	65495	64382	64711	1.05	cps
Calcium	44-1	1063273	1058594	1057465	1059777	0.29	cps
Chromium	52-2	27390	26829	26956	27059	1.09	cps
Cobalt	59-2	59965	59871	59440	59759	0.47	cps
Copper	63-2	103632	102699	103004	103112	0.46	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	25	33	22	57.30	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	25	67	33	42	52.92	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	5519675	5544988	5519251	5527971	0.27	cps
Holmium	165-2	1100518	1090743	1088192	1093151	0.60	cps
Indium	115-1	4331302	4352473	4344551	4342775	0.25	cps
Indium	115-2	183050	181502	181293	181948	0.53	cps
Iron	56-2	920148	925823	921740	922570	0.32	cps
Iron	57-2	23715	22752	23420	23296	2.12	cps
Lead	206-1	224829	225474	225087	225130	0.14	cps
Lead	207-1	204065	204584	206797	205149	0.71	cps
Lead	208-1	913656	914219	913863	913912	0.03	cps
Lithium	6-1	611998	614070	613996	613355	0.19	cps
Magnesium	24-2	98364	97727	97189	97760	0.60	cps
Manganese	55-2	15749	15629	16076	15818	1.46	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:39:25	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	545059	546564	545097	545573	0.16	cps
Molybdenum	95-1	669435	663209	666697	666447	0.47	cps
Molybdenum	96-1	744306	745457	737833	742532	0.55	cps
Molybdenum	97-1	416224	417037	414690	415984	0.29	cps
Molybdenum	98-1	1071931	1076342	1072531	1073601	0.22	cps
Neodymium	150-1	20	27	47	31	44.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	18035	18059	17461	17852	1.90	cps
Phosphorus	31-2	267	217	308	264	17.39	cps
Potassium	39-2	30425	29607	29949	29994	1.37	cps
Rhodium	103-1	4035974	3981371	3971518	3996287	0.87	cps
Rhodium	103-2	1009295	1000267	993031	1000864	0.81	cps
Scandium	45-1	2285718	2274784	2228724	2263075	1.34	cps
Scandium	45-2	18336	18015	18035	18129	0.99	cps
Selenium	77-2	27	20	17	21	24.12	cps
Selenium	78-2	59	89	96	81	24.05	cps
Selenium	82-1	4230	4368	4295	4298	1.60	cps
Silicon	28-1	493659	489304	489276	490746	0.51	cps
Silver	109-1	319559	325387	325916	323621	1.09	cps
Silver	107-1	340908	338699	338924	339510	0.36	cps
Sodium	23-2	229201	230308	227599	229036	0.59	cps
Strontium	86-1	86759	85677	85233	85890	0.91	cps
Strontium	88-1	744905	738658	736369	739977	0.60	cps
Sulfur	34-1	325131	319744	322120	322331	0.84	cps
Terbium	159-1	5721701	5774260	5675850	5723937	0.86	cps
Terbium	159-2	1043655	1047715	1051564	1047645	0.38	cps
Thallium	203-1	277809	279412	275503	277574	0.71	cps
Thallium	205-1	666504	667431	660939	664958	0.53	cps
Tin	118-1	222877	228546	224952	225458	1.27	cps
Titanium	47-1	162027	158630	159887	160181	1.07	cps
Uranium	238-1	906085	914089	911022	910398	0.44	cps
Vanadium	51-2	20599	20665	20532	20599	0.32	cps
Yttrium	89-1	4487854	4403042	4407880	4432925	1.07	cps
Yttrium	89-2	136285	135807	132219	134771	1.65	cps
Zinc	66-2	9317	9724	9527	9522	2.14	cps
Zirconium	90-1	455581	455846	451571	454333	0.53	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:39:25	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100134	101310	101392	100945	0.70	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:42:57	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9996	9812	9729	9846	1.39	cps
Antimony	121-1	843890	837928	829968	837262	0.83	cps
Arsenic	75-2	8588	8558	8555	8567	0.21	cps
Barium	135-1	905456	897890	890487	897944	0.83	cps
Barium	137-1	1587731	1593238	1588894	1589955	0.18	cps
Beryllium	9-1	88308	86342	85648	86766	1.59	cps
Bismuth	209-1	3368914	3755971	3842861	3655915	6.90	cps
Bismuth	209-2	884242	890486	891543	888757	0.44	cps
Boron	10-1	9495	9554	9979	9676	2.73	cps
Boron	11-1	44980	46058	47061	46033	2.26	cps
Cadmium	111-1	171426	170290	169712	170476	0.51	cps
Cadmium	106-1	18514	18472	18080	18355	1.30	cps
Cadmium	108-1	11935	11730	12164	11943	1.82	cps
Calcium	43-1	157406	159911	159394	158903	0.83	cps
Calcium	44-1	2636762	2597262	2600027	2611350	0.84	cps
Chromium	52-2	66564	65204	65137	65635	1.23	cps
Cobalt	59-2	145079	143503	142664	143749	0.85	cps
Copper	63-2	249683	250370	248472	249508	0.39	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	33	58	33	42	34.65	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	4926224	5447848	5656662	5343578	7.04	cps
Holmium	165-2	1089681	1099604	1088391	1092558	0.56	cps
Indium	115-1	3796198	4202585	4337815	4112199	6.86	cps
Indium	115-2	179451	178363	178178	178664	0.38	cps
Iron	56-2	2283529	2270417	2258582	2270843	0.55	cps
Iron	57-2	55589	55628	56425	55881	0.85	cps
Lead	206-1	571556	572545	567269	570456	0.49	cps
Lead	207-1	518891	518724	514677	517431	0.46	cps
Lead	208-1	2325917	2332789	2309698	2322801	0.51	cps
Lithium	6-1	540371	598801	614767	584646	6.70	cps
Magnesium	24-2	235188	231242	234396	233608	0.89	cps
Manganese	55-2	38674	38152	37831	38219	1.11	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:42:57	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1362558	1381832	1346238	1363543	1.31	cps
Molybdenum	95-1	1670162	1702948	1679371	1684160	1.00	cps
Molybdenum	96-1	1907424	1891054	1887364	1895280	0.56	cps
Molybdenum	97-1	1035819	1038213	1032050	1035361	0.30	cps
Molybdenum	98-1	2743324	2749954	2728097	2740459	0.41	cps
Neodymium	150-1	40	40	80	53	43.30	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	43150	42592	42181	42641	1.14	cps
Phosphorus	31-2	692	567	642	633	9.93	cps
Potassium	39-2	69271	68542	69003	68939	0.53	cps
Rhodium	103-1	3535291	3891378	3981747	3802805	6.21	cps
Rhodium	103-2	987425	988413	989299	988379	0.09	cps
Scandium	45-1	1990698	2180762	2304518	2158659	7.32	cps
Scandium	45-2	17975	17731	17885	17864	0.69	cps
Selenium	77-2	67	60	77	68	12.38	cps
Selenium	78-2	215	207	213	212	1.82	cps
Selenium	82-1	10613	10383	10529	10508	1.11	cps
Silicon	28-1	691712	686703	686067	688161	0.45	cps
Silver	109-1	808822	811468	806337	808876	0.32	cps
Silver	107-1	855104	845888	849392	850128	0.55	cps
Sodium	23-2	541722	540132	539240	540365	0.23	cps
Strontium	86-1	214650	213325	210975	212983	0.87	cps
Strontium	88-1	1871322	1864058	1849204	1861528	0.61	cps
Sulfur	34-1	337282	340518	334950	337583	0.83	cps
Terbium	159-1	5097179	5575921	5816062	5496388	6.66	cps
Terbium	159-2	1047498	1046959	1041509	1045322	0.32	cps
Thallium	203-1	698625	702472	703040	701379	0.34	cps
Thallium	205-1	1712171	1683120	1684721	1693337	0.96	cps
Tin	118-1	568190	566921	567388	567500	0.11	cps
Titanium	47-1	397530	395402	394584	395839	0.38	cps
Uranium	238-1	2376017	2361890	2389665	2375858	0.58	cps
Vanadium	51-2	49992	49688	49169	49617	0.84	cps
Yttrium	89-1	3903775	4342372	4442685	4229611	6.78	cps
Yttrium	89-2	130076	131334	130732	130714	0.48	cps
Zinc	66-2	22859	21988	22128	22325	2.10	cps
Zirconium	90-1	1136693	1132547	1137349	1135529	0.23	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:42:57	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	254164	250744	246511	250473	1.53	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:46:23	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19038	18096	18446	18527	2.57	cps
Antimony	121-1	1711337	1711206	1708725	1710422	0.09	cps
Arsenic	75-2	16315	16043	16097	16152	0.89	cps
Barium	135-1	1831450	1821757	1845311	1832839	0.65	cps
Barium	137-1	3176554	3211594	3171348	3186499	0.69	cps
Beryllium	9-1	169616	169081	167278	168658	0.73	cps
Bismuth	209-1	3855398	3841410	3902080	3866296	0.82	cps
Bismuth	209-2	795242	881175	883027	853148	5.88	cps
Boron	10-1	19222	19648	19163	19344	1.37	cps
Boron	11-1	90535	91760	92254	91516	0.97	cps
Cadmium	111-1	338140	337415	337096	337550	0.16	cps
Cadmium	106-1	35857	36083	35673	35871	0.57	cps
Cadmium	108-1	24439	24936	24852	24742	1.07	cps
Calcium	43-1	306242	307101	309008	307450	0.46	cps
Calcium	44-1	5036204	5077186	5015631	5043007	0.62	cps
Chromium	52-2	124837	122961	122544	123447	0.99	cps
Cobalt	59-2	276673	273040	273066	274259	0.76	cps
Copper	63-2	482829	477370	474255	478151	0.91	cps
Dysprosium	156-1	67	8	33	36	81.06	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	0	7	13	7	99.98	cps
Gadolinium	160-1	33	75	50	53	39.74	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	5654769	5707604	5632839	5665071	0.68	cps
Holmium	165-2	977552	1087314	1085617	1050161	5.99	cps
Indium	115-1	4358089	4342527	4289495	4330037	0.83	cps
Indium	115-2	156991	172559	171821	167124	5.26	cps
Iron	56-2	4380603	4311894	4220284	4304261	1.87	cps
Iron	57-2	110170	107736	108200	108702	1.19	cps
Lead	206-1	1160712	1170564	1168879	1166718	0.45	cps
Lead	207-1	1047948	1054078	1043793	1048606	0.49	cps
Lead	208-1	4825473	4877174	4807446	4836698	0.75	cps
Lithium	6-1	603220	598449	597978	599882	0.48	cps
Magnesium	24-2	449849	445637	441167	445551	0.97	cps
Manganese	55-2	73248	72119	71505	72290	1.22	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:46:23	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2713617	2744057	2705198	2720957	0.75	cps
Molybdenum	95-1	3358619	3377094	3333475	3356396	0.65	cps
Molybdenum	96-1	3769894	3715521	3723419	3736278	0.79	cps
Molybdenum	97-1	2101887	2095003	2078894	2091928	0.56	cps
Molybdenum	98-1	5448806	5407239	5327002	5394349	1.15	cps
Neodymium	150-1	73	53	47	58	24.02	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80705	80173	80602	80493	0.35	cps
Phosphorus	31-2	1375	1308	1225	1303	5.77	cps
Potassium	39-2	128061	127221	127380	127554	0.35	cps
Rhodium	103-1	3923773	3974157	3926014	3941315	0.72	cps
Rhodium	103-2	867834	959206	968894	931978	5.98	cps
Scandium	45-1	2175129	2191216	2172038	2179461	0.47	cps
Scandium	45-2	15469	17014	16200	16227	4.76	cps
Selenium	77-2	80	83	100	88	12.21	cps
Selenium	78-2	367	389	400	385	4.41	cps
Selenium	82-1	20864	20633	20626	20708	0.65	cps
Silicon	28-1	997162	1011896	1003961	1004340	0.73	cps
Silver	109-1	1648836	1643472	1657203	1649837	0.42	cps
Silver	107-1	1727059	1705784	1735305	1722716	0.88	cps
Sodium	23-2	1027039	1016376	1013634	1019016	0.69	cps
Strontium	86-1	425736	418006	419247	420996	0.99	cps
Strontium	88-1	3644527	3695041	3623711	3654426	1.00	cps
Sulfur	34-1	368109	369881	367744	368578	0.31	cps
Terbium	159-1	5844986	5800610	5844522	5830039	0.44	cps
Terbium	159-2	928626	1041733	1035192	1001850	6.34	cps
Thallium	203-1	1425787	1448728	1433283	1435932	0.81	cps
Thallium	205-1	3444405	3547615	3482187	3491402	1.50	cps
Tin	118-1	1136420	1138529	1127173	1134040	0.53	cps
Titanium	47-1	774830	772008	768344	771727	0.42	cps
Uranium	238-1	4832933	4815772	4809563	4819422	0.25	cps
Vanadium	51-2	95459	94943	93121	94508	1.30	cps
Yttrium	89-1	4393066	4347857	4364722	4368549	0.52	cps
Yttrium	89-2	114871	127414	125467	122584	5.51	cps
Zinc	66-2	42819	42956	43308	43028	0.59	cps
Zirconium	90-1	2251809	2316791	2295845	2288148	1.45	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:46:23	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	496604	501297	498713	498871	0.47	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:49:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33824	33766	34134	33908	0.58	cps
Antimony	121-1	3358612	3358783	3360790	3359395	0.04	cps
Arsenic	75-2	30649	30812	30719	30727	0.27	cps
Barium	135-1	3612421	3627722	3604793	3614979	0.32	cps
Barium	137-1	6253990	6198650	6246164	6232935	0.48	cps
Beryllium	9-1	324819	322514	320117	322483	0.73	cps
Bismuth	209-1	3966905	3951161	3979594	3965887	0.36	cps
Bismuth	209-2	813154	854843	865110	844369	3.26	cps
Boron	10-1	36013	37107	36974	36698	1.63	cps
Boron	11-1	171715	174053	179199	174989	2.19	cps
Cadmium	111-1	672255	667527	660879	666887	0.86	cps
Cadmium	106-1	70870	69873	69890	70211	0.81	cps
Cadmium	108-1	48366	48529	48445	48447	0.17	cps
Calcium	43-1	597548	594640	592848	595012	0.40	cps
Calcium	44-1	9762317	9742226	9683110	9729217	0.42	cps
Chromium	52-2	232478	231293	230384	231385	0.45	cps
Cobalt	59-2	517496	513160	510017	513558	0.73	cps
Copper	63-2	895419	898651	888151	894074	0.60	cps
Dysprosium	156-1	50	42	58	50	16.67	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	8	83	47	79.58	cps
Erbium	164-2	13	0	0	4	173.21	cps
Gadolinium	160-1	42	33	33	36	13.33	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	5750191	5630979	5742990	5708054	1.17	cps
Holmium	165-2	1003375	1056018	1075593	1044995	3.57	cps
Indium	115-1	4294247	4169174	4251458	4238293	1.50	cps
Indium	115-2	152737	161302	164492	159510	3.81	cps
Iron	56-2	7898935	7921367	7903303	7907868	0.15	cps
Iron	57-2	202978	205025	198391	202131	1.68	cps
Lead	206-1	2387843	2408760	2416279	2404294	0.61	cps
Lead	207-1	2201645	2217858	2254580	2224694	1.22	cps
Lead	208-1	9831181	9872526	9926041	9876583	0.48	cps
Lithium	6-1	587980	582455	585986	585473	0.48	cps
Magnesium	24-2	824820	824611	818126	822519	0.46	cps
Manganese	55-2	135204	135445	132373	134341	1.27	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:49:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5288099	5269471	5284109	5280560	0.19	cps
Molybdenum	95-1	6578588	6519877	6503167	6533877	0.61	cps
Molybdenum	96-1	7392207	7346792	7308383	7349127	0.57	cps
Molybdenum	97-1	4140531	4106947	4080953	4109477	0.73	cps
Molybdenum	98-1	10730547	10577859	10498849	10602418	1.11	cps
Neodymium	150-1	173	160	153	162	6.28	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	149556	150752	150604	150304	0.43	cps
Phosphorus	31-2	2184	2217	2375	2259	4.54	cps
Potassium	39-2	230598	231240	228304	230047	0.67	cps
Rhodium	103-1	3877452	3813510	3809259	3833407	1.00	cps
Rhodium	103-2	872098	912473	935724	906765	3.55	cps
Scandium	45-1	2104728	2103889	2075037	2094551	0.81	cps
Scandium	45-2	14227	15375	15796	15133	5.36	cps
Selenium	77-2	210	217	237	221	6.28	cps
Selenium	78-2	674	670	750	698	6.44	cps
Selenium	82-1	40340	40451	39949	40247	0.65	cps
Silicon	28-1	1335222	1327223	1321956	1328134	0.50	cps
Silver	109-1	3234237	3223336	3217456	3225010	0.26	cps
Silver	107-1	3379400	3335457	3342279	3352378	0.71	cps
Sodium	23-2	1939143	1944586	1901990	1928573	1.20	cps
Strontium	86-1	832299	826684	822753	827245	0.58	cps
Strontium	88-1	7112968	7106428	7060191	7093195	0.41	cps
Sulfur	34-1	421743	417778	417361	418961	0.58	cps
Terbium	159-1	5882028	5853353	5916120	5883834	0.53	cps
Terbium	159-2	952337	1002918	1020304	991853	3.56	cps
Thallium	203-1	2937101	2923920	2967042	2942688	0.75	cps
Thallium	205-1	6974316	6909676	7076912	6986968	1.21	cps
Tin	118-1	2291624	2263821	2268238	2274561	0.66	cps
Titanium	47-1	1508489	1526596	1490216	1508434	1.21	cps
Uranium	238-1	9781171	9900172	9756561	9812635	0.78	cps
Vanadium	51-2	176176	176155	174542	175624	0.53	cps
Yttrium	89-1	4334338	4293072	4321345	4316252	0.49	cps
Yttrium	89-2	111961	118382	120230	116857	3.71	cps
Zinc	66-2	80703	81736	80140	80859	1.00	cps
Zirconium	90-1	4466946	4466985	4451239	4461723	0.20	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:49:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	983940	983289	975173	980801	0.50	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:53:01	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67620	66348	66908	66958	0.95	cps
Antimony	121-1	6628078	6650425	6624832	6634445	0.21	cps
Arsenic	75-2	60405	60309	60498	60404	0.16	cps
Barium	135-1	7204054	7183799	7129905	7172586	0.53	cps
Barium	137-1	12459297	12517653	12448142	12475031	0.30	cps
Beryllium	9-1	626355	621935	621516	623268	0.43	cps
Bismuth	209-1	3951454	4020447	3968813	3980238	0.90	cps
Bismuth	209-2	861147	855841	853380	856789	0.46	cps
Boron	10-1	72358	72341	73538	72746	0.94	cps
Boron	11-1	340626	344470	349781	344959	1.33	cps
Cadmium	111-1	1312823	1310829	1314903	1312852	0.16	cps
Cadmium	106-1	135609	135442	139490	136847	1.67	cps
Cadmium	108-1	95816	95044	94482	95114	0.70	cps
Calcium	43-1	1171534	1164764	1156609	1164303	0.64	cps
Calcium	44-1	18973474	18961085	18962550	18965703	0.04	cps
Chromium	52-2	455274	456484	455709	455822	0.13	cps
Cobalt	59-2	1004331	1006710	1001328	1004123	0.27	cps
Copper	63-2	1785049	1783016	1765443	1777836	0.61	cps
Dysprosium	156-1	92	67	58	72	24.02	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	58	17	25	33	66.14	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	83	75	33	64	41.94	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	5784849	5806735	5747200	5779595	0.52	cps
Holmium	165-2	1077504	1071561	1067515	1072193	0.47	cps
Indium	115-1	4154019	4177192	4126858	4152690	0.61	cps
Indium	115-2	159435	157186	158149	158257	0.71	cps
Iron	56-2	15626204	15643986	15616825	15629005	0.09	cps
Iron	57-2	393933	395438	395230	394867	0.21	cps
Lead	206-1	4782178	4832872	4817290	4810780	0.54	cps
Lead	207-1	4410388	4382923	4367120	4386810	0.50	cps
Lead	208-1	19525941	19607909	19502176	19545342	0.28	cps
Lithium	6-1	573874	570848	570375	571699	0.33	cps
Magnesium	24-2	1640263	1637831	1630916	1636337	0.30	cps
Manganese	55-2	263643	262535	265314	263830	0.53	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:53:01	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10581752	10462486	10492232	10512157	0.59	cps
Molybdenum	95-1	12975498	12994171	13072502	13014057	0.40	cps
Molybdenum	96-1	14528196	14568993	14500548	14532579	0.24	cps
Molybdenum	97-1	8092504	7982830	8024866	8033400	0.69	cps
Molybdenum	98-1	21145264	21054642	21141869	21113925	0.24	cps
Neodymium	150-1	287	333	247	289	15.01	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	291555	292073	291753	291794	0.09	cps
Phosphorus	31-2	4434	4509	4659	4534	2.53	cps
Potassium	39-2	450913	446351	443559	446941	0.83	cps
Rhodium	103-1	3768487	3797008	3775502	3780333	0.39	cps
Rhodium	103-2	915959	908655	916071	913562	0.47	cps
Scandium	45-1	2083221	2092434	2064771	2080142	0.68	cps
Scandium	45-2	15472	15933	15532	15646	1.60	cps
Selenium	77-2	427	450	383	420	8.05	cps
Selenium	78-2	1326	1400	1363	1363	2.72	cps
Selenium	82-1	79086	78482	79119	78896	0.45	cps
Silicon	28-1	2193676	2154540	2164622	2170946	0.94	cps
Silver	109-1	6273084	6325662	6233687	6277478	0.74	cps
Silver	107-1	6525145	6505029	6496258	6508811	0.23	cps
Sodium	23-2	3708887	3705343	3758982	3724404	0.81	cps
Strontium	86-1	1685412	1657711	1668754	1670626	0.83	cps
Strontium	88-1	14100103	14269211	13959857	14109724	1.10	cps
Sulfur	34-1	564015	567553	560152	563907	0.66	cps
Terbium	159-1	5894272	5948231	5901572	5914692	0.49	cps
Terbium	159-2	1023375	1019972	1015755	1019701	0.37	cps
Thallium	203-1	5884551	5868160	5890050	5880920	0.19	cps
Thallium	205-1	13793758	13915460	13911115	13873444	0.50	cps
Tin	118-1	4491419	4502014	4488261	4493898	0.16	cps
Titanium	47-1	2938402	2924915	2898188	2920501	0.70	cps
Uranium	238-1	19900549	20007561	19815813	19907974	0.48	cps
Vanadium	51-2	346049	345482	344601	345377	0.21	cps
Yttrium	89-1	4283633	4372557	4340799	4332330	1.04	cps
Yttrium	89-2	119416	118091	119147	118885	0.59	cps
Zinc	66-2	157593	157138	156731	157154	0.27	cps
Zirconium	90-1	8789864	8833833	8765294	8796330	0.39	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:53:01	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1980964	2018088	1982160	1993737	1.06	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:56:15	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	357846	358495	361588	359310	0.56	cps
Antimony	121-1	7152	7336	7411	7300	1.82	cps
Arsenic	75-2	19	30	26	25	22.91	cps
Barium	135-1	2109	1942	1834	1961	7.06	cps
Barium	137-1	3509	3734	3501	3581	3.70	cps
Beryllium	9-1	517	556	517	530	4.24	cps
Bismuth	209-1	3734971	3700580	3649111	3694887	1.17	cps
Bismuth	209-2	809834	807826	798138	805266	0.78	cps
Boron	10-1	3742	3142	3225	3370	9.65	cps
Boron	11-1	17002	15150	14475	15542	8.42	cps
Cadmium	111-1	540	524	630	564	10.10	cps
Cadmium	106-1	758	800	933	831	11.01	cps
Cadmium	108-1	25	13	21	19	32.73	cps
Calcium	43-1	6065026	6093680	6094497	6084401	0.28	cps
Calcium	44-1	99027202	100001346	100228465	99752338	0.64	cps
Chromium	52-2	5568	5658	5725	5650	1.39	cps
Cobalt	59-2	1173	1277	1167	1206	5.12	cps
Copper	63-2	2557	2267	2247	2357	7.37	cps
Dysprosium	156-1	42	42	33	39	12.37	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	75	58	83	72	17.62	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	5668900	5684499	5704188	5685862	0.31	cps
Holmium	165-2	1055726	1055794	1044781	1052100	0.60	cps
Indium	115-1	4106272	4068519	4066529	4080440	0.55	cps
Indium	115-2	160771	160504	159372	160216	0.46	cps
Iron	56-2	79976416	80141463	80221066	80112981	0.16	cps
Iron	57-2	2066966	2053993	2061022	2060660	0.32	cps
Lead	206-1	8915	8342	8536	8598	3.39	cps
Lead	207-1	7547	7569	7625	7580	0.53	cps
Lead	208-1	35248	34169	34503	34640	1.59	cps
Lithium	6-1	559737	562108	563556	561800	0.34	cps
Magnesium	24-2	8378471	8423523	8496916	8432970	0.71	cps
Manganese	55-2	737	773	723	744	3.48	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:56:15	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4401	4268	4176	4281	2.64	cps
Molybdenum	95-1	6910	6769	7119	6933	2.54	cps
Molybdenum	96-1	8403	8220	8361	8328	1.15	cps
Molybdenum	97-1	4259	3967	3817	4015	5.60	cps
Molybdenum	98-1	9837	10012	9962	9937	0.91	cps
Neodymium	150-1	47	60	73	60	22.22	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	2784	2477	2630	2630	5.83	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2378394	2421936	2397732	2399354	0.91	cps
Rhodium	103-1	3623085	3620582	3608060	3617242	0.22	cps
Rhodium	103-2	886117	883079	876695	881964	0.55	cps
Scandium	45-1	2095302	2106252	2085961	2095838	0.48	cps
Scandium	45-2	16079	15656	16326	16020	2.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	0	2	173.21	cps
Selenium	82-1	70	107	69	82	26.35	cps
Silicon	28-1	368985	371649	374656	371763	0.76	cps
Silver	109-1	558	450	433	481	14.12	cps
Silver	107-1	600	492	475	522	13.00	cps
Sodium	23-2	19442992	19604501	19564495	19537329	0.43	cps
Strontium	86-1	57472	57790	57003	57422	0.69	cps
Strontium	88-1	484571	487308	487917	486599	0.37	cps
Sulfur	34-1	256710	260069	262503	259760	1.12	cps
Terbium	159-1	5810721	5842057	5800567	5817782	0.37	cps
Terbium	159-2	1001793	1010427	1001678	1004633	0.50	cps
Thallium	203-1	2825	2642	2875	2781	4.42	cps
Thallium	205-1	6977	7127	6369	6824	5.89	cps
Tin	118-1	4851	4793	4909	4851	1.20	cps
Titanium	47-1	550	650	450	550	18.18	cps
Uranium	238-1	1308	1125	1417	1283	11.49	cps
Vanadium	51-2	53	83	83	73	23.63	cps
Yttrium	89-1	4291160	4281383	4253199	4275247	0.46	cps
Yttrium	89-2	121051	120310	121242	120868	0.41	cps
Zinc	66-2	547	580	660	596	9.78	cps
Zirconium	90-1	1667	1750	1667	1695	2.84	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 12:56:15	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	325	433	375	14.57	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:04:39	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2009	2017	2267	2097	7.00	cps
Antimony	121-1	1366878	1368527	1379364	1371590	0.49	cps
Arsenic	75-2	13716	13720	13729	13722	0.05	cps
Barium	135-1	151094	150640	147369	149701	1.36	cps
Barium	137-1	261793	262728	262039	262187	0.18	cps
Beryllium	9-1	71019	70003	70411	70477	0.73	cps
Bismuth	209-1	3992681	3962691	3966777	3974050	0.41	cps
Bismuth	209-2	890746	881163	885492	885801	0.54	cps
Boron	10-1	37817	40475	42171	40155	5.47	cps
Boron	11-1	184363	189925	192475	188921	2.20	cps
Cadmium	111-1	141968	143728	141266	142321	0.89	cps
Cadmium	106-1	24590	23471	23346	23802	2.88	cps
Cadmium	108-1	13090	13148	13286	13175	0.76	cps
Calcium	43-1	28505	28029	28772	28435	1.32	cps
Calcium	44-1	455249	459063	456274	456862	0.43	cps
Chromium	52-2	52535	51605	51645	51928	1.01	cps
Cobalt	59-2	117752	116478	117006	117079	0.55	cps
Copper	63-2	100960	100137	100466	100521	0.41	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	67	58	67	64	7.53	cps
Erbium	164-2	23	23	13	20	28.87	cps
Gadolinium	160-1	83	50	75	69	24.98	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	5632926	5652768	5709616	5665104	0.70	cps
Holmium	165-2	1089573	1074957	1079075	1081202	0.70	cps
Indium	115-1	4310238	4354213	4339134	4334529	0.52	cps
Indium	115-2	173821	171935	173140	172965	0.55	cps
Iron	56-2	363602	363870	365500	364324	0.28	cps
Iron	57-2	8981	9531	9203	9238	3.00	cps
Lead	206-1	983620	983487	989309	985472	0.34	cps
Lead	207-1	856215	860639	859892	858915	0.28	cps
Lead	208-1	4033573	4020495	4043574	4032547	0.29	cps
Lithium	6-1	609083	611380	608187	609550	0.27	cps
Magnesium	24-2	22953	23136	22819	22969	0.69	cps
Manganese	55-2	15749	14791	15469	15336	3.21	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:04:39	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2649335	2656082	2645384	2650267	0.20	cps
Molybdenum	95-1	1391201	1399583	1408661	1399815	0.62	cps
Molybdenum	96-1	1848729	1832764	1856497	1845997	0.66	cps
Molybdenum	97-1	870131	872314	867621	870022	0.27	cps
Molybdenum	98-1	2299180	2307687	2288986	2298618	0.41	cps
Neodymium	150-1	0	7	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	34416	34580	34743	34580	0.47	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	22669	22794	23337	22933	1.55	cps
Rhodium	103-1	3979989	3998060	4020781	3999610	0.51	cps
Rhodium	103-2	991791	984716	983306	986604	0.46	cps
Scandium	45-1	2201644	2209486	2190411	2200514	0.44	cps
Scandium	45-2	17471	17381	17241	17364	0.67	cps
Selenium	77-2	73	100	117	97	22.61	cps
Selenium	78-2	343	294	320	319	7.55	cps
Selenium	82-1	17165	17097	17357	17206	0.79	cps
Silicon	28-1	1424477	1383579	1382898	1396985	1.70	cps
Silver	109-1	662966	668298	672460	667908	0.71	cps
Silver	107-1	696167	697349	697961	697159	0.13	cps
Sodium	23-2	97315	93020	94723	95019	2.28	cps
Strontium	86-1	896089	895850	900973	897637	0.32	cps
Strontium	88-1	7713503	7731388	7769032	7737974	0.37	cps
Sulfur	34-1	270450	272571	271239	271420	0.39	cps
Terbium	159-1	5852340	5825829	5840226	5839465	0.23	cps
Terbium	159-2	1038072	1026319	1029863	1031418	0.58	cps
Thallium	203-1	1217503	1216701	1239429	1224544	1.05	cps
Thallium	205-1	2968637	2989979	2987094	2981903	0.39	cps
Tin	118-1	2457279	2453115	2459229	2456541	0.13	cps
Titanium	47-1	328686	330212	328625	329174	0.27	cps
Uranium	238-1	10475920	10368536	10472213	10438889	0.58	cps
Vanadium	51-2	39589	39883	39656	39710	0.39	cps
Yttrium	89-1	4466648	4405351	4439987	4437329	0.69	cps
Yttrium	89-2	128342	127565	128487	128132	0.39	cps
Zinc	66-2	18653	18362	18339	18451	0.95	cps
Zirconium	90-1	5053043	4972305	5005836	5010395	0.81	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:04:39	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1110525	1097177	1097594	1101765	0.69	cps

LB Number : LB92745 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-01-18 13:12:00 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	0	8	100.02	cps
Antimony	121-1	650	775	567	664	15.79	cps
Arsenic	75-2	4	6	6	5	21.74	cps
Barium	135-1	25	83	58	56	52.68	cps
Barium	137-1	75	42	133	83	55.68	cps
Beryllium	9-1	211	244	222	226	7.51	cps
Bismuth	209-1	4060726	4050577	4059848	4057050	0.14	cps
Bismuth	209-2	918529	917163	921993	919228	0.27	cps
Boron	10-1	1208	1042	1017	1089	9.57	cps
Boron	11-1	5026	4784	4776	4862	2.92	cps
Cadmium	111-1	293	311	353	319	9.70	cps
Cadmium	106-1	683	758	800	747	7.91	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	625	408	600	544	21.77	cps
Calcium	44-1	13073	12198	12439	12570	3.60	cps
Chromium	52-2	210	217	163	197	14.78	cps
Cobalt	59-2	33	87	43	54	52.08	cps
Copper	63-2	113	127	133	124	8.18	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	50	25	33	36	35.25	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	5808759	5829449	5823433	5820547	0.18	cps
Holmium	165-2	1118785	1116174	1118291	1117750	0.12	cps
Indium	115-1	4479966	4501080	4474787	4485278	0.31	cps
Indium	115-2	183256	183630	183876	183587	0.17	cps
Iron	56-2	2239	2145	2089	2158	3.52	cps
Iron	57-2	39	33	39	37	8.67	cps
Lead	206-1	544	611	539	565	7.12	cps
Lead	207-1	489	450	433	457	6.23	cps
Lead	208-1	2345	2417	2256	2339	3.45	cps
Lithium	6-1	615752	619688	617545	617662	0.32	cps
Magnesium	24-2	283	300	317	300	5.55	cps
Manganese	55-2	20	0	23	14	87.37	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:12:00	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	275	258	208	247	14.03	cps
Molybdenum	95-1	125	175	133	144	18.54	cps
Molybdenum	96-1	200	225	208	211	6.03	cps
Molybdenum	97-1	133	100	133	122	15.75	cps
Molybdenum	98-1	167	192	217	192	13.04	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	273	323	290	296	8.61	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	1884	2009	1834	1909	4.72	cps
Rhodium	103-1	4122459	4167408	4165346	4151738	0.61	cps
Rhodium	103-2	1028758	1015193	1026126	1023359	0.70	cps
Scandium	45-1	2262285	2284545	2257396	2268075	0.64	cps
Scandium	45-2	17751	18099	18232	18027	1.38	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-108	-8	-20	-45	-121.72	cps
Silicon	28-1	314313	316228	318766	316436	0.71	cps
Silver	109-1	83	117	83	94	20.37	cps
Silver	107-1	108	158	133	133	18.75	cps
Sodium	23-2	7928	7744	7686	7786	1.62	cps
Strontium	86-1	542	458	433	478	11.87	cps
Strontium	88-1	167	208	383	253	45.48	cps
Sulfur	34-1	279876	276813	277369	278019	0.59	cps
Terbium	159-1	6029703	5953615	5940984	5974767	0.80	cps
Terbium	159-2	1070021	1065918	1074737	1070226	0.41	cps
Thallium	203-1	525	558	500	528	5.55	cps
Thallium	205-1	1208	1275	1200	1228	3.35	cps
Tin	118-1	625	600	667	631	5.34	cps
Titanium	47-1	108	58	83	83	30.00	cps
Uranium	238-1	175	158	142	158	10.53	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	4554557	4548076	4565050	4555894	0.19	cps
Yttrium	89-2	133869	133350	133606	133608	0.19	cps
Zinc	66-2	30	37	30	32	11.95	cps
Zirconium	90-1	417	292	408	372	18.78	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:12:00	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	83	83	75	19.24	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:15:13	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358611	353840	355165	355872	0.69	cps
Antimony	121-1	7961	8128	7653	7914	3.05	cps
Arsenic	75-2	37	24	22	28	29.07	cps
Barium	135-1	2009	2442	2084	2178	10.63	cps
Barium	137-1	3901	3776	3942	3873	2.24	cps
Beryllium	9-1	378	344	350	357	5.00	cps
Bismuth	209-1	3911035	3939667	3923805	3924836	0.37	cps
Bismuth	209-2	864241	853191	743921	820451	8.11	cps
Boron	10-1	1025	842	1017	961	10.77	cps
Boron	11-1	4859	4893	4684	4812	2.33	cps
Cadmium	111-1	707	684	768	720	6.08	cps
Cadmium	106-1	742	792	725	753	4.61	cps
Cadmium	108-1	700	779	525	668	19.47	cps
Calcium	43-1	1269300	1290207	1286807	1282105	0.87	cps
Calcium	44-1	20608386	20659078	20849678	20705714	0.61	cps
Chromium	52-2	10658	10267	10257	10394	2.20	cps
Cobalt	59-2	1343	1393	1427	1388	3.02	cps
Copper	63-2	7646	7656	7626	7642	0.20	cps
Dysprosium	156-1	0	33	33	22	86.60	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	67	33	50	50	33.34	cps
Gadolinium	160-2	20	13	10	14	35.26	cps
Holmium	165-1	5828883	5936140	5961356	5908793	1.19	cps
Holmium	165-2	1106856	1082957	954965	1048259	7.79	cps
Indium	115-1	4407573	4432618	4441596	4427263	0.40	cps
Indium	115-2	174633	171891	152206	166244	7.36	cps
Iron	56-2	35007460	34737847	34789993	34845100	0.41	cps
Iron	57-2	883262	878934	877518	879905	0.34	cps
Lead	206-1	23962	23411	23055	23476	1.95	cps
Lead	207-1	18698	18859	18080	18546	2.22	cps
Lead	208-1	90099	89207	87816	89041	1.29	cps
Lithium	6-1	579494	578797	582356	580216	0.33	cps
Magnesium	24-2	1841679	1812843	1841396	1831973	0.90	cps
Manganese	55-2	1130	1247	1197	1191	4.91	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:15:13	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3075560	3033836	3026707	3045368	0.87	cps
Molybdenum	95-1	5344249	5409353	5333941	5362514	0.76	cps
Molybdenum	96-1	5767407	5801298	5765395	5778033	0.35	cps
Molybdenum	97-1	3367286	3339252	3359530	3355356	0.43	cps
Molybdenum	98-1	8556646	8643953	8627678	8609425	0.54	cps
Neodymium	150-1	33	20	27	27	24.99	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	2120	1947	1937	2001	5.15	cps
Phosphorus	31-2	26451	25299	26451	26067	2.55	cps
Potassium	39-2	1031647	1022734	1023141	1025841	0.49	cps
Rhodium	103-1	4005149	3999788	4012447	4005795	0.16	cps
Rhodium	103-2	972872	957627	838012	922837	8.00	cps
Scandium	45-1	2267233	2274125	2288834	2276731	0.48	cps
Scandium	45-2	17648	17061	14878	16529	8.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-45	16	21	-3	-1269.85	cps
Silicon	28-1	402959	407263	403133	404452	0.60	cps
Silver	109-1	492	550	558	533	6.81	cps
Silver	107-1	508	517	517	514	0.94	cps
Sodium	23-2	4197011	4213873	4217341	4209408	0.26	cps
Strontium	86-1	60686	60853	60074	60538	0.68	cps
Strontium	88-1	511664	514881	515496	514014	0.40	cps
Sulfur	34-1	1842250	1855323	1850631	1849401	0.36	cps
Terbium	159-1	5935524	6081832	6085902	6034419	1.42	cps
Terbium	159-2	1051820	1039424	913130	1001458	7.66	cps
Thallium	203-1	1325	1175	1342	1281	7.17	cps
Thallium	205-1	2609	2784	2959	2784	6.29	cps
Tin	118-1	1250	1175	1150	1192	4.37	cps
Titanium	47-1	1282828	1298040	1284973	1288613	0.64	cps
Uranium	238-1	433	325	308	356	19.09	cps
Vanadium	51-2	67	77	43	62	27.50	cps
Yttrium	89-1	4577186	4597177	4590218	4588194	0.22	cps
Yttrium	89-2	132323	128905	113507	124912	8.02	cps
Zinc	66-2	927	1030	973	977	5.30	cps
Zirconium	90-1	725	1033	933	897	17.53	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:15:13	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	258	150	181	37.59	cps

LB Number : LB92745 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2018-01-18 13:18:20 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347802	344942	347036	346593	0.43	cps
Antimony	121-1	142832	142688	141180	142233	0.64	cps
Arsenic	75-2	1317	1378	1350	1348	2.27	cps
Barium	135-1	30729	32399	32098	31742	2.81	cps
Barium	137-1	55058	55024	54965	55016	0.08	cps
Beryllium	9-1	13618	13379	13484	13494	0.89	cps
Bismuth	209-1	3898229	3889508	3928733	3905490	0.53	cps
Bismuth	209-2	859844	870154	871123	867041	0.72	cps
Boron	10-1	5068	4634	4809	4837	4.51	cps
Boron	11-1	22585	22594	22944	22708	0.90	cps
Cadmium	111-1	27476	27266	27830	27524	1.04	cps
Cadmium	106-1	4109	4109	3876	4031	3.34	cps
Cadmium	108-1	2984	2730	3042	2918	5.69	cps
Calcium	43-1	1255838	1255103	1254330	1255091	0.06	cps
Calcium	44-1	20416528	20343343	20397903	20385925	0.19	cps
Chromium	52-2	20472	20282	20295	20349	0.52	cps
Cobalt	59-2	23767	23310	23567	23548	0.97	cps
Copper	63-2	26499	26275	26295	26356	0.47	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	67	108	42	72	46.63	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	5899101	5900015	5884176	5894431	0.15	cps
Holmium	165-2	1101502	1108080	1113362	1107648	0.54	cps
Indium	115-1	4410852	4401901	4368310	4393687	0.51	cps
Indium	115-2	172887	174459	175238	174195	0.69	cps
Iron	56-2	33881590	33770913	33902472	33851658	0.21	cps
Iron	57-2	861471	852529	863211	859070	0.67	cps
Lead	206-1	116916	118336	116491	117248	0.82	cps
Lead	207-1	99421	99655	98926	99334	0.37	cps
Lead	208-1	459162	459943	458549	459218	0.15	cps
Lithium	6-1	575070	581222	576540	577611	0.56	cps
Magnesium	24-2	1797603	1787930	1786900	1790811	0.33	cps
Manganese	55-2	4031	3941	4067	4013	1.62	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:18:20	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3250141	3241037	3249007	3246728	0.15	cps
Molybdenum	95-1	5399834	5426418	5420687	5415646	0.26	cps
Molybdenum	96-1	5837913	5806847	5829738	5824832	0.28	cps
Molybdenum	97-1	3386691	3355402	3395369	3379154	0.62	cps
Molybdenum	98-1	8622436	8799796	8712938	8711723	1.02	cps
Neodymium	150-1	27	27	33	29	13.31	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	8316	8419	8463	8399	0.90	cps
Phosphorus	31-2	26309	24773	24889	25324	3.38	cps
Potassium	39-2	1005081	991388	1002273	999581	0.72	cps
Rhodium	103-1	3954786	3946504	3974460	3958584	0.36	cps
Rhodium	103-2	972128	968336	975756	972074	0.38	cps
Scandium	45-1	2237071	2235667	2252490	2241743	0.42	cps
Scandium	45-2	17371	17968	17408	17582	1.90	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	37	43	35	38	10.06	cps
Selenium	82-1	1540	1701	1592	1611	5.08	cps
Silicon	28-1	510302	507840	512028	510057	0.41	cps
Silver	109-1	122462	123655	124900	123672	0.99	cps
Silver	107-1	127515	129543	128887	128648	0.80	cps
Sodium	23-2	4120431	4112803	4082572	4105269	0.49	cps
Strontium	86-1	136770	136258	136342	136457	0.20	cps
Strontium	88-1	1186751	1189244	1187476	1187824	0.11	cps
Sulfur	34-1	1786079	1816517	1795128	1799241	0.87	cps
Terbium	159-1	6102280	6016436	6010719	6043145	0.85	cps
Terbium	159-2	1055184	1055285	1059889	1056786	0.25	cps
Thallium	203-1	118845	116102	116000	116982	1.38	cps
Thallium	205-1	281133	280332	280285	280583	0.17	cps
Tin	118-1	209076	209262	207499	208612	0.46	cps
Titanium	47-1	1302351	1280521	1311198	1298023	1.22	cps
Uranium	238-1	866838	871515	866523	868292	0.32	cps
Vanadium	51-2	7879	7702	7786	7789	1.14	cps
Yttrium	89-1	4564871	4556070	4573941	4564961	0.20	cps
Yttrium	89-2	130449	129483	130941	130291	0.57	cps
Zinc	66-2	2907	2757	2727	2797	3.45	cps
Zirconium	90-1	437979	437693	439119	438264	0.17	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:18:20	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	96323	97011	99504	97613	1.71	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P8
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:21:28	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	194270	198249	197217	196579	1.05	cps
Antimony	121-1	3525745	3510113	3534095	3523318	0.35	cps
Arsenic	75-2	33893	34205	34315	34138	0.64	cps
Barium	135-1	3847834	3841361	3837712	3842302	0.13	cps
Barium	137-1	6636970	6569477	6602928	6603125	0.51	cps
Beryllium	9-1	345369	344662	346541	345524	0.27	cps
Bismuth	209-1	3924613	3917719	3858500	3900277	0.93	cps
Bismuth	209-2	859857	855091	855087	856678	0.32	cps
Boron	10-1	38820	40466	40433	39906	2.36	cps
Boron	11-1	181365	191791	194977	189378	3.76	cps
Cadmium	111-1	680779	679331	681499	680536	0.16	cps
Cadmium	106-1	71690	71615	71515	71607	0.12	cps
Cadmium	108-1	49646	49173	49478	49432	0.48	cps
Calcium	43-1	3178907	3239762	3181051	3199906	1.08	cps
Calcium	44-1	52137414	52270922	52487705	52298680	0.34	cps
Chromium	52-2	266509	266136	266972	266539	0.16	cps
Cobalt	59-2	565956	562627	568228	565604	0.50	cps
Copper	63-2	965259	962265	958188	961904	0.37	cps
Dysprosium	156-1	75	75	150	100	43.31	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	25	67	33	42	52.92	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	75	75	42	64	30.12	cps
Gadolinium	160-2	3	20	13	12	68.66	cps
Holmium	165-1	5910185	5868816	5852663	5877221	0.50	cps
Holmium	165-2	1101950	1109604	1110923	1107493	0.44	cps
Indium	115-1	4352789	4280146	4318919	4317284	0.84	cps
Indium	115-2	171872	171388	172497	171919	0.32	cps
Iron	56-2	43587952	43597984	43537152	43574363	0.07	cps
Iron	57-2	1103848	1108964	1110872	1107894	0.33	cps
Lead	206-1	2389691	2457468	2455097	2434085	1.58	cps
Lead	207-1	2225843	2243248	2234473	2234521	0.39	cps
Lead	208-1	9946022	10078090	10037787	10020633	0.68	cps
Lithium	6-1	579887	578175	581363	579808	0.28	cps
Magnesium	24-2	4617960	4609853	4626296	4618036	0.18	cps
Manganese	55-2	151528	153884	152970	152794	0.78	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P8
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:21:28	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5683972	5738721	5744314	5722336	0.58	cps
Molybdenum	95-1	6942654	7033689	7009286	6995210	0.67	cps
Molybdenum	96-1	7841411	7854363	7826884	7840886	0.18	cps
Molybdenum	97-1	4292868	4308145	4384764	4328592	1.14	cps
Molybdenum	98-1	11254160	11297514	11329006	11293560	0.33	cps
Neodymium	150-1	153	160	240	184	26.15	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	164350	162158	164252	163587	0.76	cps
Phosphorus	31-2	2442	2492	2409	2448	1.71	cps
Potassium	39-2	1352855	1337662	1339241	1343253	0.62	cps
Rhodium	103-1	3889807	3873076	3851339	3871407	0.50	cps
Rhodium	103-2	945513	958806	955122	953147	0.72	cps
Scandium	45-1	2266951	2225958	2258603	2250504	0.96	cps
Scandium	45-2	17695	18018	17431	17715	1.66	cps
Selenium	77-2	257	247	230	244	5.51	cps
Selenium	78-2	741	737	802	760	4.79	cps
Selenium	82-1	42602	42289	41959	42283	0.76	cps
Silicon	28-1	1480590	1502463	1516270	1499774	1.20	cps
Silver	109-1	3328029	3315025	3298828	3313960	0.44	cps
Silver	107-1	3458055	3443393	3454025	3451824	0.22	cps
Sodium	23-2	10783725	10812365	10798191	10798094	0.13	cps
Strontium	86-1	906869	908903	900548	905440	0.48	cps
Strontium	88-1	7861905	7765931	7807214	7811683	0.62	cps
Sulfur	34-1	441951	448169	444220	444780	0.71	cps
Terbium	159-1	6069071	6023683	6020474	6037743	0.45	cps
Terbium	159-2	1054070	1066229	1059850	1060050	0.57	cps
Thallium	203-1	2979946	2992121	3002887	2991651	0.38	cps
Thallium	205-1	7077839	7075093	7061028	7071320	0.13	cps
Tin	118-1	2400822	2387102	2387466	2391797	0.33	cps
Titanium	47-1	1649444	1660505	1668404	1659451	0.57	cps
Uranium	238-1	10187223	10162321	10007589	10119044	0.96	cps
Vanadium	51-2	201821	202934	201920	202225	0.30	cps
Yttrium	89-1	4558479	4533451	4524431	4538787	0.39	cps
Yttrium	89-2	129524	131421	131072	130672	0.77	cps
Zinc	66-2	86769	86907	87480	87052	0.43	cps
Zirconium	90-1	4797773	4787092	4750198	4778354	0.52	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P8
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:21:28	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1052198	1048239	1048929	1049789	0.20	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P8
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:30:01	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	8	3	173.21	cps
Antimony	121-1	700	575	750	675	13.35	cps
Arsenic	75-2	7	2	2	4	86.68	cps
Barium	135-1	33	75	50	53	39.74	cps
Barium	137-1	83	75	92	83	10.00	cps
Beryllium	9-1	194	228	206	209	8.11	cps
Bismuth	209-1	3510446	3876421	3610950	3665939	5.16	cps
Bismuth	209-2	807792	835718	841113	828208	2.16	cps
Boron	10-1	808	717	725	750	6.76	cps
Boron	11-1	3309	3609	3301	3406	5.16	cps
Cadmium	111-1	315	325	261	300	11.47	cps
Cadmium	106-1	725	750	600	692	11.62	cps
Cadmium	108-1	13	0	0	4	173.21	cps
Calcium	43-1	533	500	692	575	17.81	cps
Calcium	44-1	12464	12406	12114	12328	1.52	cps
Chromium	52-2	167	193	190	183	7.93	cps
Cobalt	59-2	60	60	57	59	3.26	cps
Copper	63-2	123	130	100	118	13.38	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	8	33	25	22	57.29	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	4993407	5486530	5144688	5208208	4.85	cps
Holmium	165-2	989762	1015571	1017357	1007563	1.53	cps
Indium	115-1	3848215	4167363	3959906	3991828	4.06	cps
Indium	115-2	159858	164634	167121	163871	2.25	cps
Iron	56-2	2884	2834	2778	2832	1.87	cps
Iron	57-2	78	44	89	70	32.86	cps
Lead	206-1	661	811	672	715	11.69	cps
Lead	207-1	633	622	606	620	2.25	cps
Lead	208-1	2961	3011	2756	2909	4.66	cps
Lithium	6-1	521644	566156	542317	543372	4.10	cps
Magnesium	24-2	258	325	300	294	11.44	cps
Manganese	55-2	20	13	27	20	33.35	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P8
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:30:01	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	158	258	292	236	29.39	cps
Molybdenum	95-1	250	242	233	242	3.45	cps
Molybdenum	96-1	192	217	183	197	8.80	cps
Molybdenum	97-1	108	133	142	128	13.57	cps
Molybdenum	98-1	375	333	350	353	5.94	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	283	280	310	291	5.65	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2217	1959	2100	2092	6.19	cps
Rhodium	103-1	3549866	3814159	3642884	3668970	3.65	cps
Rhodium	103-2	904233	930205	928567	921002	1.58	cps
Scandium	45-1	1958806	2137493	1979336	2025212	4.83	cps
Scandium	45-2	15889	16513	15986	16129	2.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	28	1	-21	3	961.38	cps
Silicon	28-1	303574	305826	301597	303666	0.70	cps
Silver	109-1	117	200	158	158	26.32	cps
Silver	107-1	183	158	167	169	7.51	cps
Sodium	23-2	8044	7794	8228	8022	2.71	cps
Strontium	86-1	592	358	425	458	26.22	cps
Strontium	88-1	150	133	158	147	8.65	cps
Sulfur	34-1	272584	275341	270033	272652	0.97	cps
Terbium	159-1	5156006	5619252	5320780	5365346	4.38	cps
Terbium	159-2	938794	977629	974780	963734	2.25	cps
Thallium	203-1	533	617	650	600	10.02	cps
Thallium	205-1	1275	1625	1542	1481	12.35	cps
Tin	118-1	558	433	517	503	12.66	cps
Titanium	47-1	150	117	167	144	17.63	cps
Uranium	238-1	75	125	117	106	25.38	cps
Vanadium	51-2	0	3	0	1	173.21	cps
Yttrium	89-1	3906881	4270621	4019928	4065810	4.58	cps
Yttrium	89-2	117121	120321	122608	120017	2.30	cps
Zinc	66-2	37	20	20	26	37.66	cps
Zirconium	90-1	350	333	433	372	14.39	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P8
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:30:01	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	100	67	69	42.14	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:33:12	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	58	108	83	30.00	cps
Antimony	121-1	12640	12356	12089	12362	2.23	cps
Arsenic	75-2	54	72	74	67	16.90	cps
Barium	135-1	12556	13741	13057	13118	4.53	cps
Barium	137-1	23755	22528	23096	23127	2.66	cps
Beryllium	9-1	767	895	850	837	7.75	cps
Bismuth	209-1	3940814	3969024	3997071	3968970	0.71	cps
Bismuth	209-2	880166	868528	886147	878280	1.02	cps
Boron	10-1	2084	2200	2250	2178	3.93	cps
Boron	11-1	10563	10679	10804	10682	1.13	cps
Cadmium	111-1	1626	1502	1563	1564	3.98	cps
Cadmium	106-1	975	933	833	914	7.97	cps
Cadmium	108-1	79	108	113	100	18.16	cps
Calcium	43-1	6135	6610	6168	6304	4.21	cps
Calcium	44-1	103548	104773	103370	103897	0.74	cps
Chromium	52-2	1247	1233	1190	1223	2.42	cps
Cobalt	59-2	1140	1090	1117	1116	2.24	cps
Copper	63-2	1944	1957	2030	1977	2.36	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	83	17	33	44	78.07	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	8	42	50	33	66.15	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	5687044	5696748	5720418	5701403	0.30	cps
Holmium	165-2	1067476	1054231	1081650	1067786	1.28	cps
Indium	115-1	4359340	4374106	4394655	4376034	0.41	cps
Indium	115-2	174155	170792	173198	172715	1.00	cps
Iron	56-2	19342	18763	18029	18711	3.52	cps
Iron	57-2	489	528	406	474	13.17	cps
Lead	206-1	5207	4801	5190	5066	4.53	cps
Lead	207-1	4318	4506	4595	4473	3.17	cps
Lead	208-1	20574	20179	20552	20435	1.08	cps
Lithium	6-1	591023	586908	592434	590121	0.49	cps
Magnesium	24-2	9053	8670	8728	8817	2.34	cps
Manganese	55-2	110	163	133	136	19.72	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:33:12	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10296	10555	9979	10277	2.80	cps
Molybdenum	95-1	12348	12431	12331	12370	0.43	cps
Molybdenum	96-1	13182	13599	13415	13399	1.56	cps
Molybdenum	97-1	7744	7577	8095	7805	3.38	cps
Molybdenum	98-1	19607	20199	19490	19765	1.93	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	557	623	630	603	6.72	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	6669	6702	6810	6727	1.10	cps
Rhodium	103-1	3976324	3983171	3999819	3986438	0.30	cps
Rhodium	103-2	981069	964834	980626	975510	0.95	cps
Scandium	45-1	2186130	2200223	2203202	2196518	0.42	cps
Scandium	45-2	16884	17071	17097	17017	0.68	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	6	9	7	31.45	cps
Selenium	82-1	298	347	332	326	7.80	cps
Silicon	28-1	336773	333718	336592	335694	0.51	cps
Silver	109-1	6293	6018	6318	6210	2.68	cps
Silver	107-1	6719	6143	6360	6407	4.53	cps
Sodium	23-2	26751	26350	27661	26921	2.50	cps
Strontium	86-1	1942	1984	1950	1959	1.12	cps
Strontium	88-1	13415	13783	13708	13635	1.42	cps
Sulfur	34-1	278798	273684	275707	276063	0.93	cps
Terbium	159-1	5843909	5829522	5848184	5840538	0.17	cps
Terbium	159-2	1023031	1009113	1038083	1023409	1.42	cps
Thallium	203-1	5793	6527	5843	6054	6.77	cps
Thallium	205-1	14217	14284	14058	14186	0.82	cps
Tin	118-1	21768	22002	21385	21718	1.44	cps
Titanium	47-1	2784	2917	2759	2820	3.02	cps
Uranium	238-1	17046	17230	17088	17121	0.56	cps
Vanadium	51-2	1783	1757	1743	1761	1.16	cps
Yttrium	89-1	4411773	4406566	4428907	4415748	0.26	cps
Yttrium	89-2	128208	124498	126435	126381	1.47	cps
Zinc	66-2	223	167	190	193	14.73	cps
Zirconium	90-1	8762	8837	8853	8817	0.55	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 13:33:12	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2234	1934	2000	2056	7.67	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P8
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:00:02	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	188941	188502	189075	188839	0.16	cps
Antimony	121-1	3377287	3371062	3382422	3376923	0.17	cps
Arsenic	75-2	32856	32108	32473	32479	1.15	cps
Barium	135-1	3634430	3690154	3677988	3667524	0.80	cps
Barium	137-1	6242557	6326464	6323222	6297414	0.75	cps
Beryllium	9-1	341787	340750	343469	342002	0.40	cps
Bismuth	209-1	3704103	3747437	3777767	3743102	0.99	cps
Bismuth	209-2	829270	818570	834549	827463	0.98	cps
Boron	10-1	37542	38879	40667	39029	4.02	cps
Boron	11-1	180472	185543	186495	184170	1.76	cps
Cadmium	111-1	644846	651746	649941	648844	0.55	cps
Cadmium	106-1	68039	69211	68307	68519	0.90	cps
Cadmium	108-1	46948	47705	47885	47513	1.05	cps
Calcium	43-1	3069432	3085417	3073762	3076204	0.27	cps
Calcium	44-1	49891021	49975095	50132812	49999642	0.25	cps
Chromium	52-2	252616	250875	251162	251551	0.37	cps
Cobalt	59-2	536564	536725	536654	536648	0.02	cps
Copper	63-2	916409	910566	913028	913334	0.32	cps
Dysprosium	156-1	33	100	83	72	48.05	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	50	17	58	42	52.91	cps
Erbium	164-2	0	17	3	7	132.33	cps
Gadolinium	160-1	42	83	50	58	37.80	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	5675851	5686435	5610235	5657507	0.73	cps
Holmium	165-2	1069804	1055976	1074981	1066921	0.92	cps
Indium	115-1	4169605	4162020	4180193	4170606	0.22	cps
Indium	115-2	165820	163056	167806	165560	1.44	cps
Iron	56-2	41618023	41206312	41688225	41504187	0.63	cps
Iron	57-2	1051012	1046621	1051922	1049851	0.27	cps
Lead	206-1	2335291	2291920	2329697	2318970	1.02	cps
Lead	207-1	2150853	2143196	2118915	2137654	0.78	cps
Lead	208-1	9606474	9545782	9602634	9584963	0.35	cps
Lithium	6-1	581266	586923	588091	585427	0.62	cps
Magnesium	24-2	4456287	4423928	4438759	4439658	0.36	cps
Manganese	55-2	145963	143706	145043	144904	0.78	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P8
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:00:02	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5476956	5452569	5495535	5475020	0.39	cps
Molybdenum	95-1	6656396	6625926	6725337	6669220	0.76	cps
Molybdenum	96-1	7510198	7463585	7496256	7490013	0.32	cps
Molybdenum	97-1	4173712	4176527	4222906	4191048	0.66	cps
Molybdenum	98-1	10771574	10823126	10807539	10800746	0.24	cps
Neodymium	150-1	213	200	127	180	25.93	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	154156	155497	155665	155106	0.53	cps
Phosphorus	31-2	2659	2375	2525	2520	5.63	cps
Potassium	39-2	1256828	1270221	1268442	1265164	0.57	cps
Rhodium	103-1	3707466	3763357	3754708	3741843	0.80	cps
Rhodium	103-2	924413	908431	921165	918003	0.92	cps
Scandium	45-1	2174393	2170052	2179529	2174658	0.22	cps
Scandium	45-2	17151	16834	17298	17094	1.39	cps
Selenium	77-2	250	220	223	231	7.11	cps
Selenium	78-2	830	685	765	760	9.52	cps
Selenium	82-1	40157	40457	40168	40261	0.42	cps
Silicon	28-1	1421387	1430356	1459156	1436966	1.37	cps
Silver	109-1	3226706	3136845	3162247	3175266	1.46	cps
Silver	107-1	3326686	3262441	3299223	3296116	0.98	cps
Sodium	23-2	10278131	10237682	10278514	10264776	0.23	cps
Strontium	86-1	863024	854002	865559	860862	0.71	cps
Strontium	88-1	7495596	7461980	7496184	7484587	0.26	cps
Sulfur	34-1	454444	447928	451593	451321	0.72	cps
Terbium	159-1	5786579	5814835	5825883	5809099	0.35	cps
Terbium	159-2	1027480	1007387	1029117	1021328	1.18	cps
Thallium	203-1	2873243	2904502	2878534	2885426	0.58	cps
Thallium	205-1	6716231	6782876	6804496	6767868	0.68	cps
Tin	118-1	2304146	2287139	2315822	2302369	0.63	cps
Titanium	47-1	1583707	1570808	1584885	1579800	0.49	cps
Uranium	238-1	9652355	9768325	9796709	9739130	0.79	cps
Vanadium	51-2	192635	190347	191050	191344	0.61	cps
Yttrium	89-1	4367032	4364344	4373533	4368303	0.11	cps
Yttrium	89-2	125648	123751	126879	125426	1.26	cps
Zinc	66-2	84237	82470	83935	83548	1.13	cps
Zirconium	90-1	4517449	4567662	4602584	4562565	0.94	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P8
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:00:02	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1009308	1000330	1002431	1004023	0.47	cps

LB Number : LB92745 Operator : Jaswal
 Lab Sample ID : CCB028 Instrumnet Name : P8
 Client Sample ID : CCB028 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-18 15:03:25 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	33	11	173.21	cps
Antimony	121-1	1217	1175	1600	1331	17.61	cps
Arsenic	75-2	0	2	6	2	114.63	cps
Barium	135-1	50	50	100	67	43.31	cps
Barium	137-1	83	67	50	67	25.00	cps
Beryllium	9-1	267	239	206	237	12.91	cps
Bismuth	209-1	4060175	3993980	4013833	4022663	0.84	cps
Bismuth	209-2	910650	905420	900017	905363	0.59	cps
Boron	10-1	1083	975	808	956	14.50	cps
Boron	11-1	4743	4601	4734	4693	1.69	cps
Cadmium	111-1	328	330	310	323	3.37	cps
Cadmium	106-1	717	775	725	739	4.27	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	725	608	692	675	8.90	cps
Calcium	44-1	10796	11213	11005	11005	1.89	cps
Chromium	52-2	220	197	247	221	11.31	cps
Cobalt	59-2	37	40	57	44	24.11	cps
Copper	63-2	130	147	143	140	6.30	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	25	0	11	114.58	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	5818342	5798827	5807758	5808309	0.17	cps
Holmium	165-2	1106948	1102599	1102893	1104147	0.22	cps
Indium	115-1	4488961	4468218	4438504	4465228	0.57	cps
Indium	115-2	180483	179486	178430	179466	0.57	cps
Iron	56-2	2000	1884	1995	1959	3.36	cps
Iron	57-2	72	61	50	61	18.18	cps
Lead	206-1	561	467	522	517	9.19	cps
Lead	207-1	544	578	533	552	4.19	cps
Lead	208-1	2333	2161	2183	2226	4.21	cps
Lithium	6-1	618628	617270	613354	616417	0.44	cps
Magnesium	24-2	183	242	250	225	16.14	cps
Manganese	55-2	27	13	23	21	32.88	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P8
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:03:25	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	392	442	225	353	32.16	cps
Molybdenum	95-1	342	350	300	331	8.10	cps
Molybdenum	96-1	475	408	317	400	19.87	cps
Molybdenum	97-1	192	292	192	225	25.66	cps
Molybdenum	98-1	567	575	617	586	4.57	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	193	260	227	227	14.71	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2000	2125	1834	1986	7.37	cps
Rhodium	103-1	4061867	4088221	4100869	4083652	0.49	cps
Rhodium	103-2	1010004	1008533	1001688	1006741	0.44	cps
Scandium	45-1	2277584	2238304	2242516	2252801	0.96	cps
Scandium	45-2	18279	17725	17678	17894	1.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	21	8	22	17	46.38	cps
Silicon	28-1	310526	313456	310434	311472	0.55	cps
Silver	109-1	83	83	100	89	10.83	cps
Silver	107-1	117	183	125	142	25.64	cps
Sodium	23-2	8094	8370	7586	8016	4.96	cps
Strontium	86-1	483	458	442	461	4.55	cps
Strontium	88-1	158	108	133	133	18.75	cps
Sulfur	34-1	288607	287342	288417	288122	0.24	cps
Terbium	159-1	5961906	5959527	5967527	5962987	0.07	cps
Terbium	159-2	1051263	1056282	1056930	1054825	0.29	cps
Thallium	203-1	908	825	792	842	7.14	cps
Thallium	205-1	2084	2059	1917	2020	4.45	cps
Tin	118-1	733	692	800	742	7.37	cps
Titanium	47-1	83	83	100	89	10.82	cps
Uranium	238-1	92	75	167	111	43.95	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	4569162	4508363	4489955	4522493	0.92	cps
Yttrium	89-2	130910	131250	131162	131107	0.13	cps
Zinc	66-2	20	33	33	29	26.64	cps
Zirconium	90-1	550	517	475	514	7.31	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P8
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:03:25	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	167	100	136	24.75	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	PB105743BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:06:36	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	8	14	69.31	cps
Antimony	121-1	433	408	408	417	3.47	cps
Arsenic	75-2	4	0	6	3	91.69	cps
Barium	135-1	0	33	25	19	89.21	cps
Barium	137-1	25	33	25	28	17.31	cps
Beryllium	9-1	111	150	239	167	39.30	cps
Bismuth	209-1	4065677	4078799	4095608	4080028	0.37	cps
Bismuth	209-2	908388	906965	904383	906579	0.22	cps
Boron	10-1	425	508	425	453	10.63	cps
Boron	11-1	2384	2425	2017	2275	9.88	cps
Cadmium	111-1	325	301	322	316	4.14	cps
Cadmium	106-1	800	733	750	761	4.56	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	575	542	492	536	7.82	cps
Calcium	44-1	10338	10613	10313	10421	1.60	cps
Chromium	52-2	163	180	213	186	13.72	cps
Cobalt	59-2	30	17	47	31	48.31	cps
Copper	63-2	117	117	90	108	14.29	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	8	58	50	39	68.89	cps
Gadolinium	160-2	0	10	0	3	173.21	cps
Holmium	165-1	5867054	5848627	5786393	5834025	0.72	cps
Holmium	165-2	1109611	1105607	1102595	1105938	0.32	cps
Indium	115-1	4521637	4499918	4490585	4504047	0.35	cps
Indium	115-2	182147	180030	178812	180330	0.94	cps
Iron	56-2	1422	1495	1461	1459	2.48	cps
Iron	57-2	28	56	44	43	32.83	cps
Lead	206-1	506	511	394	470	13.99	cps
Lead	207-1	400	489	383	424	13.38	cps
Lead	208-1	1895	2106	1928	1976	5.74	cps
Lithium	6-1	615833	619020	616720	617191	0.27	cps
Magnesium	24-2	192	158	217	189	15.49	cps
Manganese	55-2	17	20	17	18	10.81	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	PB105743BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:06:36	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	142	117	136	12.75	cps
Molybdenum	95-1	58	133	92	94	39.79	cps
Molybdenum	96-1	142	242	167	183	28.39	cps
Molybdenum	97-1	67	108	108	94	25.47	cps
Molybdenum	98-1	208	125	192	175	25.20	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	247	223	257	242	7.06	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	1992	2059	1800	1950	6.88	cps
Rhodium	103-1	4123003	4139735	4083279	4115339	0.70	cps
Rhodium	103-2	1021031	1013106	1010941	1015026	0.52	cps
Scandium	45-1	2248073	2236009	2277755	2253946	0.95	cps
Scandium	45-2	17494	17418	17424	17445	0.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	7	14	-34	-4	-626.68	cps
Silicon	28-1	303439	303298	308197	304978	0.91	cps
Silver	109-1	42	58	50	50	16.67	cps
Silver	107-1	67	108	158	111	41.31	cps
Sodium	23-2	7544	8636	7494	7891	8.18	cps
Strontium	86-1	467	483	433	461	5.52	cps
Strontium	88-1	117	133	58	103	38.31	cps
Sulfur	34-1	287835	289737	284885	287486	0.85	cps
Terbium	159-1	6001932	6022973	5978651	6001185	0.37	cps
Terbium	159-2	1061108	1053025	1052808	1055647	0.45	cps
Thallium	203-1	483	467	492	481	2.65	cps
Thallium	205-1	1217	1042	950	1070	12.67	cps
Tin	118-1	700	608	558	622	11.55	cps
Titanium	47-1	125	83	67	92	32.78	cps
Uranium	238-1	33	50	50	44	21.66	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	4534954	4547329	4574787	4552357	0.45	cps
Yttrium	89-2	131125	131633	130422	131060	0.46	cps
Zinc	66-2	20	10	17	16	32.73	cps
Zirconium	90-1	317	367	308	331	9.55	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	PB105743BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:06:36	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	67	58	72	24.02	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	PB105743BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:09:47	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	167	92	128	29.41	cps
Antimony	121-1	25859	26978	27087	26641	2.55	cps
Arsenic	75-2	109	122	122	118	6.35	cps
Barium	135-1	27554	27772	27989	27772	0.78	cps
Barium	137-1	48406	50155	47653	48738	2.63	cps
Beryllium	9-1	1511	1545	1372	1476	6.19	cps
Bismuth	209-1	4124720	4049629	4051584	4075311	1.05	cps
Bismuth	209-2	903622	905561	900047	903076	0.31	cps
Boron	10-1	4509	3834	4059	4134	8.32	cps
Boron	11-1	17770	18195	18296	18087	1.54	cps
Cadmium	111-1	2971	2907	3004	2961	1.67	cps
Cadmium	106-1	950	1058	983	997	5.56	cps
Cadmium	108-1	150	167	229	182	22.94	cps
Calcium	43-1	13282	12748	12565	12865	2.90	cps
Calcium	44-1	205400	207498	209508	207468	0.99	cps
Chromium	52-2	2500	2387	2370	2419	2.92	cps
Cobalt	59-2	2277	2190	2290	2252	2.41	cps
Copper	63-2	4081	3841	3937	3953	3.06	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	67	50	92	69	30.20	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	25	17	50	31	56.77	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	5779769	5812479	5837183	5809810	0.50	cps
Holmium	165-2	1097859	1097208	1099680	1098249	0.12	cps
Indium	115-1	4498528	4466929	4481441	4482299	0.35	cps
Indium	115-2	178382	178756	180058	179065	0.49	cps
Iron	56-2	146831	144092	144136	145020	1.08	cps
Iron	57-2	3706	3734	3673	3704	0.83	cps
Lead	206-1	9765	9904	10004	9891	1.21	cps
Lead	207-1	8909	8937	9087	8978	1.07	cps
Lead	208-1	39787	39352	40270	39803	1.15	cps
Lithium	6-1	617201	616258	612087	615182	0.44	cps
Magnesium	24-2	17169	18312	17520	17667	3.31	cps
Manganese	55-2	350	273	267	297	15.61	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	PB105743BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:09:47	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21777	21635	21751	21721	0.35	cps
Molybdenum	95-1	26009	26427	25759	26065	1.29	cps
Molybdenum	96-1	28447	28097	29249	28598	2.07	cps
Molybdenum	97-1	16861	16127	15318	16102	4.79	cps
Molybdenum	98-1	42025	40428	41949	41467	2.17	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	977	930	990	966	3.26	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	11855	12548	12214	12206	2.84	cps
Rhodium	103-1	4149598	4118815	4058443	4108952	1.13	cps
Rhodium	103-2	1007695	1007341	1009105	1008047	0.09	cps
Scandium	45-1	2261488	2271146	2232123	2254919	0.90	cps
Scandium	45-2	17558	17731	17368	17552	1.04	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	13	17	22	17	26.96	cps
Selenium	82-1	825	884	910	873	5.01	cps
Silicon	28-1	377984	378757	375096	377279	0.51	cps
Silver	109-1	13674	12181	12198	12684	6.76	cps
Silver	107-1	14225	13357	13632	13738	3.23	cps
Sodium	23-2	46719	47062	46661	46814	0.46	cps
Strontium	86-1	4092	3709	4001	3934	5.09	cps
Strontium	88-1	29542	28990	29767	29433	1.36	cps
Sulfur	34-1	283851	288473	285176	285833	0.83	cps
Terbium	159-1	6013217	6031060	5989494	6011257	0.35	cps
Terbium	159-2	1058786	1054825	1056557	1056723	0.19	cps
Thallium	203-1	11748	12156	11864	11923	1.77	cps
Thallium	205-1	28157	28408	27598	28054	1.48	cps
Tin	118-1	45344	44676	44408	44809	1.08	cps
Titanium	47-1	6202	5943	5760	5968	3.72	cps
Uranium	238-1	37224	37992	36864	37360	1.54	cps
Vanadium	51-2	3754	3841	3801	3798	1.14	cps
Yttrium	89-1	4536000	4487187	4556648	4526611	0.79	cps
Yttrium	89-2	132273	129786	131142	131067	0.95	cps
Zinc	66-2	427	393	367	396	7.60	cps
Zirconium	90-1	19231	18497	19323	19017	2.38	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	PB105743BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:09:47	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4184	4234	3876	4098	4.74	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-01	Instrumnet Name :	P8
Client Sample ID :	MF6A00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:12:59	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44287	44370	42782	43813	2.04	cps
Antimony	121-1	3592	3892	3734	3740	4.01	cps
Arsenic	75-2	2608	2513	2484	2535	2.56	cps
Barium	135-1	753408	761409	760618	758478	0.58	cps
Barium	137-1	1324669	1323050	1320521	1322747	0.16	cps
Beryllium	9-1	1145	1178	1183	1169	1.80	cps
Bismuth	209-1	4116690	4084710	4071366	4090922	0.57	cps
Bismuth	209-2	908836	900940	904489	904755	0.44	cps
Boron	10-1	1000	975	1242	1072	13.74	cps
Boron	11-1	4701	4984	4626	4770	3.96	cps
Cadmium	111-1	915	779	751	815	10.75	cps
Cadmium	106-1	1083	917	817	939	14.35	cps
Cadmium	108-1	63	54	67	61	10.41	cps
Calcium	43-1	191221	194649	191069	192313	1.05	cps
Calcium	44-1	3217420	3215464	3204256	3212380	0.22	cps
Chromium	52-2	11195	11078	11198	11157	0.61	cps
Cobalt	59-2	12449	12396	12216	12353	0.99	cps
Copper	63-2	21497	20118	20639	20751	3.35	cps
Dysprosium	156-1	29735	29451	29643	29610	0.49	cps
Dysprosium	156-2	5795	5591	5571	5652	2.19	cps
Erbium	164-1	23806	24290	24549	24215	1.56	cps
Erbium	164-2	4231	4061	4291	4194	2.85	cps
Gadolinium	160-1	28156	27739	26010	27302	4.17	cps
Gadolinium	160-2	6792	6695	6729	6739	0.73	cps
Holmium	165-1	5995241	6033488	5948346	5992358	0.71	cps
Holmium	165-2	1123047	1111144	1106178	1113456	0.78	cps
Indium	115-1	4494435	4528745	4529144	4517442	0.44	cps
Indium	115-2	178632	177890	179326	178616	0.40	cps
Iron	56-2	6383572	6335823	6303710	6341035	0.63	cps
Iron	57-2	161137	158742	159012	159631	0.82	cps
Lead	206-1	346038	344841	344362	345080	0.25	cps
Lead	207-1	286295	284001	286841	285712	0.53	cps
Lead	208-1	1339405	1330784	1337808	1335999	0.34	cps
Lithium	6-1	615226	611875	612734	613279	0.28	cps
Magnesium	24-2	38528	39080	37968	38526	1.44	cps
Manganese	55-2	138909	138572	137613	138365	0.49	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-01	Instrumnet Name :	P8
Client Sample ID :	MF6A00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:12:59	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12356	12665	12098	12373	2.30	cps
Molybdenum	95-1	2384	2167	2159	2236	5.71	cps
Molybdenum	96-1	4134	4426	4343	4301	3.49	cps
Molybdenum	97-1	1342	1308	1400	1350	3.44	cps
Molybdenum	98-1	3442	3409	3242	3364	3.19	cps
Neodymium	150-1	46356	47406	44985	46249	2.63	cps
Neodymium	150-2	5408	5491	5568	5489	1.46	cps
Nickel	60-2	4601	4621	4427	4550	2.34	cps
Phosphorus	31-2	100	183	67	117	51.51	cps
Potassium	39-2	8353	8236	8478	8356	1.45	cps
Rhodium	103-1	4160603	4186936	4166204	4171247	0.33	cps
Rhodium	103-2	1017944	1019419	1019438	1018934	0.08	cps
Scandium	45-1	2306342	2304245	2304039	2304875	0.06	cps
Scandium	45-2	17755	17424	18332	17837	2.58	cps
Selenium	77-2	33	17	23	24	34.31	cps
Selenium	78-2	11	11	15	12	17.31	cps
Selenium	82-1	188	187	144	173	14.74	cps
Silicon	28-1	4929462	5010781	5556484	5165576	6.60	cps
Silver	109-1	1367	1559	1784	1570	13.29	cps
Silver	107-1	1767	1700	1850	1772	4.24	cps
Sodium	23-2	11522	11830	11622	11658	1.35	cps
Strontium	86-1	102996	102297	104609	103301	1.15	cps
Strontium	88-1	891581	891637	888575	890598	0.20	cps
Sulfur	34-1	287954	288554	282468	286326	1.17	cps
Terbium	159-1	6165016	6156573	6156509	6159366	0.08	cps
Terbium	159-2	1072841	1064471	1058150	1065154	0.69	cps
Thallium	203-1	1800	1925	1809	1845	3.79	cps
Thallium	205-1	4509	4309	4734	4518	4.71	cps
Tin	118-1	6077	6168	6252	6166	1.42	cps
Titanium	47-1	41117	10930	12517	21521	78.94	cps
Uranium	238-1	66922	66436	65039	66132	1.48	cps
Vanadium	51-2	15175	14731	15035	14980	1.51	cps
Yttrium	89-1	4879699	4916147	4921871	4905906	0.47	cps
Yttrium	89-2	140208	138244	141271	139908	1.10	cps
Zinc	66-2	8516	8733	8206	8485	3.12	cps
Zirconium	90-1	30067	30519	30570	30386	0.91	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-01	Instrumnet Name :	P8
Client Sample ID :	MF6A00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:12:59	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6477	6936	6785	6733	3.48	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-02	Instrumnet Name :	P8
Client Sample ID :	MF6A00D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:16:10	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43334	43175	41746	42752	2.05	cps
Antimony	121-1	3967	3992	3726	3895	3.78	cps
Arsenic	75-2	2461	2471	2517	2483	1.20	cps
Barium	135-1	752049	747019	744547	747872	0.51	cps
Barium	137-1	1300730	1310154	1297813	1302899	0.50	cps
Beryllium	9-1	983	1189	1050	1074	9.76	cps
Bismuth	209-1	4156138	4125586	4127412	4136379	0.41	cps
Bismuth	209-2	915127	804332	900973	873478	6.90	cps
Boron	10-1	1075	908	967	983	8.60	cps
Boron	11-1	4117	4067	4226	4137	1.96	cps
Cadmium	111-1	805	915	801	840	7.68	cps
Cadmium	106-1	958	942	800	900	9.67	cps
Cadmium	108-1	58	71	75	68	12.74	cps
Calcium	43-1	189536	189807	185650	188331	1.23	cps
Calcium	44-1	3139238	3154409	3115434	3136360	0.63	cps
Chromium	52-2	10951	10921	10924	10932	0.15	cps
Cobalt	59-2	12072	12099	12165	12112	0.40	cps
Copper	63-2	20469	20178	20769	20472	1.44	cps
Dysprosium	156-1	29493	28374	29534	29134	2.26	cps
Dysprosium	156-2	5791	5488	5651	5644	2.69	cps
Erbium	164-1	24123	23881	24341	24115	0.95	cps
Erbium	164-2	4317	4021	4224	4187	3.62	cps
Gadolinium	160-1	27346	27321	26511	27060	1.76	cps
Gadolinium	160-2	6925	6802	6775	6834	1.17	cps
Holmium	165-1	6014734	5988529	5946116	5983126	0.58	cps
Holmium	165-2	1107231	989591	1108658	1068493	6.40	cps
Indium	115-1	4532371	4599899	4520884	4551051	0.94	cps
Indium	115-2	178059	158763	176304	171042	6.24	cps
Iron	56-2	6222493	6189669	6159593	6190585	0.51	cps
Iron	57-2	154916	155481	156439	155612	0.49	cps
Lead	206-1	343640	339489	338049	340392	0.85	cps
Lead	207-1	281170	284402	281527	282366	0.63	cps
Lead	208-1	1318852	1322766	1317966	1319861	0.19	cps
Lithium	6-1	606907	608213	607590	607570	0.11	cps
Magnesium	24-2	38637	36957	36999	37531	2.55	cps
Manganese	55-2	133342	134170	132743	133419	0.54	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-02	Instrumnet Name :	P8
Client Sample ID :	MF6A00D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:16:10	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12148	11897	12148	12064	1.20	cps
Molybdenum	95-1	2142	2117	2075	2111	1.59	cps
Molybdenum	96-1	4418	4068	4176	4220	4.25	cps
Molybdenum	97-1	1350	1317	1450	1372	5.06	cps
Molybdenum	98-1	3517	3442	3601	3520	2.25	cps
Neodymium	150-1	46021	45780	45740	45847	0.33	cps
Neodymium	150-2	5698	5244	5388	5443	4.26	cps
Nickel	60-2	4427	4891	4431	4583	5.82	cps
Phosphorus	31-2	175	167	200	181	9.61	cps
Potassium	39-2	8195	8253	7552	8000	4.86	cps
Rhodium	103-1	4103947	4161419	4158435	4141267	0.78	cps
Rhodium	103-2	1015467	900608	1013895	976657	6.74	cps
Scandium	45-1	2272558	2258560	2286257	2272459	0.61	cps
Scandium	45-2	17731	15909	16887	16843	5.41	cps
Selenium	77-2	27	23	23	24	7.89	cps
Selenium	78-2	13	13	17	14	15.09	cps
Selenium	82-1	145	222	243	203	25.37	cps
Silicon	28-1	5751894	4940304	4714628	5135609	10.62	cps
Silver	109-1	1650	1684	1809	1714	4.87	cps
Silver	107-1	1792	1825	2042	1886	7.20	cps
Sodium	23-2	11280	11380	11589	11416	1.38	cps
Strontium	86-1	100662	101199	99646	100502	0.78	cps
Strontium	88-1	878355	876149	873998	876167	0.25	cps
Sulfur	34-1	278636	275826	277380	277281	0.51	cps
Terbium	159-1	6099308	6157553	6073960	6110274	0.70	cps
Terbium	159-2	1072378	944569	1057016	1024654	6.81	cps
Thallium	203-1	1467	1642	1617	1575	6.01	cps
Thallium	205-1	3317	3651	3276	3415	6.02	cps
Tin	118-1	5852	5927	5927	5902	0.73	cps
Titanium	47-1	10731	12368	10705	11268	8.45	cps
Uranium	238-1	65875	66035	66159	66023	0.22	cps
Vanadium	51-2	14825	14851	14257	14644	2.29	cps
Yttrium	89-1	4916475	4873576	4889983	4893345	0.44	cps
Yttrium	89-2	138557	122604	136376	132513	6.53	cps
Zinc	66-2	8503	8022	8299	8275	2.91	cps
Zirconium	90-1	29542	29443	30452	29812	1.87	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-02	Instrumnet Name :	P8
Client Sample ID :	MF6A00D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:16:10	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6744	6827	6777	6783	0.62	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-01LX5	Instrumnet Name :	P8
Client Sample ID :	MF6A00L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-18 15:19:21	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9529	9170	9554	9417	2.28	cps
Antimony	121-1	1217	975	1058	1083	11.33	cps
Arsenic	75-2	548	552	567	556	1.76	cps
Barium	135-1	159231	157663	156010	157634	1.02	cps
Barium	137-1	275102	282536	274351	277330	1.63	cps
Beryllium	9-1	256	267	333	285	14.75	cps
Bismuth	209-1	4027845	4089954	4098933	4072244	0.95	cps
Bismuth	209-2	899793	902945	898521	900420	0.25	cps
Boron	10-1	408	442	375	408	8.16	cps
Boron	11-1	1884	1975	1950	1936	2.45	cps
Cadmium	111-1	478	390	413	427	10.62	cps
Cadmium	106-1	908	742	667	772	16.02	cps
Cadmium	108-1	21	21	17	19	12.35	cps
Calcium	43-1	40986	40208	41328	40841	1.41	cps
Calcium	44-1	660996	659727	661642	660788	0.15	cps
Chromium	52-2	2490	2474	2600	2521	2.73	cps
Cobalt	59-2	2514	2597	2754	2621	4.65	cps
Copper	63-2	4537	4357	4484	4460	2.07	cps
Dysprosium	156-1	6160	6160	6327	6216	1.55	cps
Dysprosium	156-2	1150	1130	1190	1157	2.64	cps
Erbium	164-1	5185	5443	4909	5179	5.15	cps
Erbium	164-2	917	923	857	899	4.08	cps
Gadolinium	160-1	5827	5835	5410	5690	4.27	cps
Gadolinium	160-2	1417	1507	1357	1427	5.29	cps
Holmium	165-1	5857068	5907847	5895130	5886682	0.45	cps
Holmium	165-2	1100786	1095300	1103431	1099839	0.38	cps
Indium	115-1	4396271	4520842	4468962	4462025	1.40	cps
Indium	115-2	176351	176487	176621	176487	0.08	cps
Iron	56-2	1292022	1297453	1293959	1294478	0.21	cps
Iron	57-2	33675	33708	32160	33181	2.67	cps
Lead	206-1	73412	73154	74171	73579	0.72	cps
Lead	207-1	61554	60287	62119	61320	1.53	cps
Lead	208-1	286353	286848	287986	287062	0.29	cps
Lithium	6-1	596331	602005	600648	599661	0.49	cps
Magnesium	24-2	7561	7861	7627	7683	2.05	cps
Manganese	55-2	28272	28713	27941	28309	1.37	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-01LX5	Instrumnet Name :	P8
Client Sample ID :	MF6A00L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-18 15:19:21	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2650	2542	2692	2628	2.95	cps
Molybdenum	95-1	367	400	575	447	25.02	cps
Molybdenum	96-1	925	892	917	911	1.90	cps
Molybdenum	97-1	333	292	250	292	14.29	cps
Molybdenum	98-1	675	700	725	700	3.57	cps
Neodymium	150-1	10138	10364	9724	10075	3.22	cps
Neodymium	150-2	1153	1170	1260	1195	4.80	cps
Nickel	60-2	1260	1140	1123	1175	6.35	cps
Phosphorus	31-2	8	33	33	25	57.74	cps
Potassium	39-2	3226	3034	3050	3103	3.42	cps
Rhodium	103-1	4041973	4153472	4135505	4110317	1.46	cps
Rhodium	103-2	1004484	1003737	1001107	1003110	0.18	cps
Scandium	45-1	2199563	2236249	2231121	2222311	0.89	cps
Scandium	45-2	17434	17131	16944	17170	1.44	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	6	7	7	7	15.72	cps
Selenium	82-1	57	43	73	57	26.33	cps
Silicon	28-1	1270570	1236793	1228621	1245328	1.79	cps
Silver	109-1	417	592	492	500	17.56	cps
Silver	107-1	550	467	458	492	10.31	cps
Sodium	23-2	8194	8153	8119	8155	0.46	cps
Strontium	86-1	22018	22778	21760	22185	2.39	cps
Strontium	88-1	185794	183217	186306	185106	0.89	cps
Sulfur	34-1	266076	267577	266606	266753	0.29	cps
Terbium	159-1	6019355	6016318	6034828	6023500	0.16	cps
Terbium	159-2	1050592	1053127	1052272	1051997	0.12	cps
Thallium	203-1	408	350	375	378	7.75	cps
Thallium	205-1	1258	1225	1042	1175	9.93	cps
Tin	118-1	1950	1717	1817	1828	6.40	cps
Titanium	47-1	2542	2175	2459	2392	8.04	cps
Uranium	238-1	13608	13483	14067	13719	2.24	cps
Vanadium	51-2	3090	3247	3200	3179	2.53	cps
Yttrium	89-1	4562960	4589521	4597665	4583382	0.40	cps
Yttrium	89-2	130620	131205	131415	131080	0.31	cps
Zinc	66-2	1980	1840	1850	1890	4.13	cps
Zirconium	90-1	6327	6235	6569	6377	2.70	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-01LX5	Instrumnet Name :	P8
Client Sample ID :	MF6A00L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-18 15:19:21	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1492	1292	1300	1361	8.31	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-03RE	Instrumnet Name :	P8
Client Sample ID :	MF6A00S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:22:32	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44111	42247	42465	42941	2.37	cps
Antimony	121-1	198139	195999	197135	197091	0.54	cps
Arsenic	75-2	3013	3004	3069	3029	1.16	cps
Barium	135-1	1610959	1597033	1598083	1602025	0.48	cps
Barium	137-1	2800897	2791943	2785234	2792691	0.28	cps
Beryllium	9-1	10899	10693	10738	10777	1.00	cps
Bismuth	209-1	4098020	4058303	4075065	4077129	0.49	cps
Bismuth	209-2	886508	890246	891488	889414	0.29	cps
Boron	10-1	783	625	817	742	13.81	cps
Boron	11-1	3592	3492	4034	3706	7.78	cps
Cadmium	111-1	21043	20413	20216	20557	2.10	cps
Cadmium	106-1	2642	2434	2759	2612	6.31	cps
Cadmium	108-1	1329	1425	1325	1360	4.16	cps
Calcium	43-1	182244	184834	181634	182904	0.93	cps
Calcium	44-1	3052415	3075589	3032755	3053586	0.70	cps
Chromium	52-2	39345	39288	38911	39182	0.60	cps
Cobalt	59-2	174335	174939	174655	174643	0.17	cps
Copper	63-2	91478	89942	92351	91257	1.34	cps
Dysprosium	156-1	28098	28206	28273	28192	0.31	cps
Dysprosium	156-2	5188	5551	5661	5467	4.53	cps
Erbium	164-1	22571	23522	22796	22963	2.17	cps
Erbium	164-2	3984	4174	4034	4064	2.42	cps
Gadolinium	160-1	26478	26578	27271	26776	1.61	cps
Gadolinium	160-2	6618	6415	6655	6563	1.97	cps
Holmium	165-1	5947769	5871732	5882272	5900591	0.70	cps
Holmium	165-2	1091797	1091471	1095069	1092779	0.18	cps
Indium	115-1	4479200	4470777	4471569	4473848	0.10	cps
Indium	115-2	173581	174509	174510	174200	0.31	cps
Iron	56-2	6097903	5963994	6119604	6060500	1.39	cps
Iron	57-2	153130	150592	152452	152058	0.86	cps
Lead	206-1	358799	352105	357314	356073	0.99	cps
Lead	207-1	300242	295841	298422	298168	0.74	cps
Lead	208-1	1393781	1378406	1396547	1389578	0.70	cps
Lithium	6-1	593860	596199	597205	595755	0.29	cps
Magnesium	24-2	35871	34786	36414	35690	2.32	cps
Manganese	55-2	150780	147455	150619	149618	1.25	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-03RE	Instrumnet Name :	P8
Client Sample ID :	MF6A00S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:22:32	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12056	11964	12215	12078	1.05	cps
Molybdenum	95-1	1917	1984	2059	1986	3.57	cps
Molybdenum	96-1	4117	4126	4076	4106	0.65	cps
Molybdenum	97-1	1233	1083	1192	1170	6.62	cps
Molybdenum	98-1	3217	3192	2950	3120	4.72	cps
Neodymium	150-1	45727	44269	45085	45027	1.62	cps
Neodymium	150-2	5304	5591	5471	5456	2.64	cps
Nickel	60-2	52947	52365	52043	52452	0.87	cps
Phosphorus	31-2	125	133	108	122	10.41	cps
Potassium	39-2	7594	7769	7686	7683	1.14	cps
Rhodium	103-1	4116177	4129945	4078232	4108118	0.65	cps
Rhodium	103-2	987139	990052	994686	990626	0.38	cps
Scandium	45-1	2250436	2261848	2229957	2247413	0.72	cps
Scandium	45-2	16954	17401	16523	16959	2.59	cps
Selenium	77-2	33	27	53	38	36.73	cps
Selenium	78-2	78	65	63	69	11.78	cps
Selenium	82-1	2560	2719	2723	2667	3.48	cps
Silicon	28-1	4670176	4637173	4616767	4641372	0.58	cps
Silver	109-1	94690	93885	93667	94081	0.57	cps
Silver	107-1	97930	98804	97979	98238	0.50	cps
Sodium	23-2	11130	11739	11555	11474	2.72	cps
Strontium	86-1	98873	98990	97933	98599	0.59	cps
Strontium	88-1	854535	854277	853283	854031	0.08	cps
Sulfur	34-1	271858	270807	270755	271140	0.23	cps
Terbium	159-1	6076975	6034107	5953927	6021670	1.04	cps
Terbium	159-2	1039815	1040337	1048801	1042984	0.48	cps
Thallium	203-1	85849	83978	86418	85415	1.49	cps
Thallium	205-1	204162	200824	200079	201688	1.08	cps
Tin	118-1	5918	5268	5585	5590	5.82	cps
Titanium	47-1	10539	9988	10740	10422	3.73	cps
Uranium	238-1	64618	63848	65004	64490	0.91	cps
Vanadium	51-2	68590	68138	68771	68500	0.48	cps
Yttrium	89-1	4812428	4803389	4829383	4815067	0.27	cps
Yttrium	89-2	135739	134632	136392	135588	0.66	cps
Zinc	66-2	20846	20352	20626	20608	1.20	cps
Zirconium	90-1	28523	28105	29709	28779	2.89	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-03RE	Instrumnet Name :	P8
Client Sample ID :	MF6A00S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:22:32	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7388	6393	5951	6577	11.18	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-04	Instrumnet Name :	P8
Client Sample ID :	MF6A01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:25:42	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36298	36715	35136	36050	2.27	cps
Antimony	121-1	4334	3551	3817	3901	10.21	cps
Arsenic	75-2	2172	2093	2013	2093	3.81	cps
Barium	135-1	680903	682115	683173	682064	0.17	cps
Barium	137-1	1186993	1184773	1193882	1188550	0.40	cps
Beryllium	9-1	928	878	822	876	6.03	cps
Bismuth	209-1	4122203	4092424	4128197	4114275	0.47	cps
Bismuth	209-2	889380	859881	871216	873492	1.70	cps
Boron	10-1	883	750	767	800	9.08	cps
Boron	11-1	3942	3834	4017	3931	2.35	cps
Cadmium	111-1	628	688	643	653	4.72	cps
Cadmium	106-1	975	883	908	922	5.14	cps
Cadmium	108-1	58	58	29	49	34.63	cps
Calcium	43-1	191666	191372	189292	190777	0.68	cps
Calcium	44-1	3201034	3153918	3139884	3164945	1.01	cps
Chromium	52-2	10264	9790	9817	9957	2.67	cps
Cobalt	59-2	8846	8923	8673	8814	1.45	cps
Copper	63-2	19364	19894	19410	19556	1.50	cps
Dysprosium	156-1	23530	23347	24499	23792	2.60	cps
Dysprosium	156-2	4794	4608	4648	4683	2.10	cps
Erbium	164-1	20559	20867	20792	20740	0.78	cps
Erbium	164-2	3681	3667	3641	3663	0.56	cps
Gadolinium	160-1	23238	22687	22863	22929	1.23	cps
Gadolinium	160-2	5835	5385	5585	5601	4.03	cps
Holmium	165-1	5892161	5884067	5866445	5880891	0.22	cps
Holmium	165-2	1087320	1050169	1056615	1064701	1.86	cps
Indium	115-1	4432364	4478945	4428409	4446573	0.63	cps
Indium	115-2	172540	166406	167661	168869	1.92	cps
Iron	56-2	5003464	4949884	4964381	4972576	0.56	cps
Iron	57-2	125369	126165	124804	125446	0.55	cps
Lead	206-1	331756	327530	329318	329534	0.64	cps
Lead	207-1	276225	273426	272844	274165	0.66	cps
Lead	208-1	1288090	1277555	1281623	1282423	0.41	cps
Lithium	6-1	592042	595263	595250	594185	0.31	cps
Magnesium	24-2	33332	33649	33315	33432	0.56	cps
Manganese	55-2	85842	86147	85701	85897	0.27	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-04	Instrumnet Name :	P8
Client Sample ID :	MF6A01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:25:42	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11072	10438	10204	10571	4.25	cps
Molybdenum	95-1	1500	1667	1734	1634	7.36	cps
Molybdenum	96-1	3884	3842	3717	3815	2.27	cps
Molybdenum	97-1	1125	1100	1283	1170	8.50	cps
Molybdenum	98-1	2967	2609	2859	2812	6.54	cps
Neodymium	150-1	37949	37969	38237	38051	0.42	cps
Neodymium	150-2	4631	4247	4598	4492	4.73	cps
Nickel	60-2	3994	3827	3954	3925	2.22	cps
Phosphorus	31-2	108	233	175	172	36.32	cps
Potassium	39-2	7744	8495	8261	8167	4.70	cps
Rhodium	103-1	4123098	4114941	4072400	4103480	0.66	cps
Rhodium	103-2	990950	959243	959212	969802	1.89	cps
Scandium	45-1	2214854	2213767	2199503	2209375	0.39	cps
Scandium	45-2	17117	16019	16296	16478	3.47	cps
Selenium	77-2	43	13	13	23	74.24	cps
Selenium	78-2	17	19	17	17	6.18	cps
Selenium	82-1	151	145	157	151	4.01	cps
Silicon	28-1	4906771	4724298	4605035	4745368	3.20	cps
Silver	109-1	1208	1250	1233	1231	1.70	cps
Silver	107-1	1600	1600	1650	1617	1.79	cps
Sodium	23-2	11105	11664	11138	11302	2.77	cps
Strontium	86-1	100811	99932	102063	100935	1.06	cps
Strontium	88-1	880790	871985	885044	879273	0.76	cps
Sulfur	34-1	272368	271490	269998	271285	0.44	cps
Terbium	159-1	5986953	6117711	6028098	6044254	1.11	cps
Terbium	159-2	1039861	1005715	1009844	1018473	1.83	cps
Thallium	203-1	1033	1033	1100	1056	3.65	cps
Thallium	205-1	2525	2609	2434	2523	3.47	cps
Tin	118-1	6102	5752	5568	5807	4.67	cps
Titanium	47-1	10489	10663	10321	10491	1.63	cps
Uranium	238-1	52461	51968	52855	52428	0.85	cps
Vanadium	51-2	12079	11902	11502	11827	2.50	cps
Yttrium	89-1	4741365	4728940	4813305	4761203	0.96	cps
Yttrium	89-2	131727	128430	129071	129743	1.35	cps
Zinc	66-2	8173	8059	7899	8044	1.71	cps
Zirconium	90-1	26396	26093	26051	26180	0.72	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-04	Instrumnet Name :	P8
Client Sample ID :	MF6A01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:25:42	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5476	5335	6043	5618	6.67	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-05	Instrumnet Name :	P8
Client Sample ID :	MF6A04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:28:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23078	23103	22786	22989	0.77	cps
Antimony	121-1	2684	2809	2667	2720	2.85	cps
Arsenic	75-2	493	519	517	509	2.84	cps
Barium	135-1	212208	212394	208370	210991	1.08	cps
Barium	137-1	365739	366434	367034	366402	0.18	cps
Beryllium	9-1	461	461	422	448	5.01	cps
Bismuth	209-1	4074292	4131299	4081948	4095846	0.76	cps
Bismuth	209-2	884742	882400	885026	884056	0.16	cps
Boron	10-1	408	358	450	406	11.32	cps
Boron	11-1	1750	1784	1642	1725	4.29	cps
Cadmium	111-1	360	381	400	380	5.31	cps
Cadmium	106-1	750	808	700	753	7.20	cps
Cadmium	108-1	33	67	13	38	72.87	cps
Calcium	43-1	19831	19272	18338	19147	3.94	cps
Calcium	44-1	321483	319910	315362	318918	1.00	cps
Chromium	52-2	9317	8913	9153	9128	2.22	cps
Cobalt	59-2	5024	5044	4994	5021	0.50	cps
Copper	63-2	5424	5428	5298	5383	1.38	cps
Dysprosium	156-1	9262	8461	8678	8801	4.71	cps
Dysprosium	156-2	1603	1693	1597	1631	3.31	cps
Erbium	164-1	7261	6435	6719	6805	6.16	cps
Erbium	164-2	1123	1123	1197	1148	3.69	cps
Gadolinium	160-1	7903	7452	7411	7589	3.59	cps
Gadolinium	160-2	2044	1910	1870	1941	4.68	cps
Holmium	165-1	5784512	5860234	5797859	5814201	0.70	cps
Holmium	165-2	1086753	1081196	1075667	1081205	0.51	cps
Indium	115-1	4468646	4468467	4465738	4467617	0.04	cps
Indium	115-2	173559	173066	172336	172987	0.36	cps
Iron	56-2	6554605	6541561	6578909	6558358	0.29	cps
Iron	57-2	165700	165689	165121	165503	0.20	cps
Lead	206-1	203640	201186	199894	201573	0.94	cps
Lead	207-1	167338	168122	169287	168249	0.58	cps
Lead	208-1	788030	787638	787631	787767	0.03	cps
Lithium	6-1	585667	592597	594062	590775	0.76	cps
Magnesium	24-2	16452	15784	16160	16132	2.07	cps
Manganese	55-2	65499	64615	65010	65042	0.68	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-05	Instrumnet Name :	P8
Client Sample ID :	MF6A04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:28:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3359	3176	3267	3267	2.80	cps
Molybdenum	95-1	3434	3384	3067	3295	6.04	cps
Molybdenum	96-1	3809	4151	4009	3990	4.30	cps
Molybdenum	97-1	1984	2209	2117	2103	5.38	cps
Molybdenum	98-1	5460	5085	4934	5160	5.24	cps
Neodymium	150-1	14842	15123	14335	14767	2.70	cps
Neodymium	150-2	1857	1840	1667	1788	5.89	cps
Nickel	60-2	2070	2000	2050	2040	1.77	cps
Phosphorus	31-2	58	67	75	67	12.49	cps
Potassium	39-2	4768	4217	4784	4590	7.03	cps
Rhodium	103-1	4061385	4105068	4099403	4088619	0.58	cps
Rhodium	103-2	993704	990238	990922	991621	0.19	cps
Scandium	45-1	2180000	2216190	2171079	2189090	1.09	cps
Scandium	45-2	16927	16997	17151	17025	0.67	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	0	2	6	2	114.63	cps
Selenium	82-1	146	143	89	126	25.58	cps
Silicon	28-1	4937862	4182300	3969148	4363103	11.67	cps
Silver	109-1	1158	1042	950	1050	9.94	cps
Silver	107-1	958	908	925	931	2.74	cps
Sodium	23-2	12890	16312	12281	13828	15.72	cps
Strontium	86-1	19690	19815	19348	19618	1.23	cps
Strontium	88-1	166606	167962	168581	167716	0.60	cps
Sulfur	34-1	257056	255341	254105	255501	0.58	cps
Terbium	159-1	5877743	6029725	5956845	5954771	1.28	cps
Terbium	159-2	1039401	1032386	1035596	1035794	0.34	cps
Thallium	203-1	742	800	817	786	5.01	cps
Thallium	205-1	1875	1800	1534	1736	10.34	cps
Tin	118-1	3451	2959	3076	3162	8.13	cps
Titanium	47-1	19961	19623	19059	19547	2.33	cps
Uranium	238-1	9379	9312	10263	9651	5.50	cps
Vanadium	51-2	17101	16907	16930	16979	0.62	cps
Yttrium	89-1	4527099	4516556	4565040	4536232	0.56	cps
Yttrium	89-2	129756	128548	129140	129148	0.47	cps
Zinc	66-2	1453	1530	1450	1478	3.06	cps
Zirconium	90-1	5013	3842	4259	4372	13.58	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-05	Instrumnet Name :	P8
Client Sample ID :	MF6A04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:28:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1092	967	1217	1092	11.45	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06RE	Instrumnet Name :	P8
Client Sample ID :	MF6A56	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:32:03	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64297	64196	66063	64852	1.62	cps
Antimony	121-1	1634	1634	1675	1647	1.46	cps
Arsenic	75-2	365	367	369	367	0.51	cps
Barium	135-1	760364	750588	754379	755110	0.65	cps
Barium	137-1	1315207	1309947	1307289	1310815	0.31	cps
Beryllium	9-1	1256	1195	1278	1243	3.47	cps
Bismuth	209-1	4004000	4003719	3992365	4000028	0.17	cps
Bismuth	209-2	871122	874170	870821	872038	0.21	cps
Boron	10-1	642	750	508	633	19.11	cps
Boron	11-1	2617	2509	2867	2664	6.90	cps
Cadmium	111-1	418	513	400	444	13.68	cps
Cadmium	106-1	800	967	833	867	10.18	cps
Cadmium	108-1	21	46	83	50	62.93	cps
Calcium	43-1	149935	149310	151334	150193	0.69	cps
Calcium	44-1	2534622	2491270	2491718	2505870	0.99	cps
Chromium	52-2	14227	13754	13550	13844	2.51	cps
Cobalt	59-2	20973	20919	20792	20895	0.44	cps
Copper	63-2	45267	45327	45264	45286	0.08	cps
Dysprosium	156-1	57854	55302	56598	56585	2.26	cps
Dysprosium	156-2	10808	11182	11055	11015	1.73	cps
Erbium	164-1	41258	41484	41793	41512	0.65	cps
Erbium	164-2	7416	7692	7242	7450	3.05	cps
Gadolinium	160-1	53377	53770	54222	53789	0.79	cps
Gadolinium	160-2	13194	12947	12817	12986	1.47	cps
Holmium	165-1	5805746	5805136	5825337	5812073	0.20	cps
Holmium	165-2	1088883	1092519	1080735	1087379	0.55	cps
Indium	115-1	4470308	4400387	4380778	4417158	1.07	cps
Indium	115-2	173038	172639	172885	172854	0.12	cps
Iron	56-2	9075849	9001144	9060407	9045800	0.44	cps
Iron	57-2	229717	227435	229917	229023	0.60	cps
Lead	206-1	143896	140990	142001	142296	1.04	cps
Lead	207-1	116378	116323	114860	115854	0.74	cps
Lead	208-1	552234	546526	546877	548546	0.58	cps
Lithium	6-1	590940	593189	591394	591841	0.20	cps
Magnesium	24-2	239526	240944	239119	239863	0.40	cps
Manganese	55-2	48360	48260	48712	48444	0.49	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06RE	Instrumnet Name :	P8
Client Sample ID :	MF6A56	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:32:03	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11013	10671	10905	10863	1.61	cps
Molybdenum	95-1	475	392	442	436	9.62	cps
Molybdenum	96-1	2584	2309	2325	2406	6.41	cps
Molybdenum	97-1	267	275	242	261	6.64	cps
Molybdenum	98-1	642	592	583	606	5.21	cps
Neodymium	150-1	90731	90249	90176	90386	0.33	cps
Neodymium	150-2	10981	10991	10965	10979	0.12	cps
Nickel	60-2	15986	15469	15719	15725	1.65	cps
Phosphorus	31-2	242	167	242	217	19.99	cps
Potassium	39-2	33491	33516	33290	33432	0.37	cps
Rhodium	103-1	4012122	4069186	4005966	4029091	0.87	cps
Rhodium	103-2	982788	989541	980277	984202	0.49	cps
Scandium	45-1	2247371	2233193	2229092	2236552	0.43	cps
Scandium	45-2	17358	17518	17708	17528	1.00	cps
Selenium	77-2	43	43	60	49	19.69	cps
Selenium	78-2	19	31	33	28	29.05	cps
Selenium	82-1	60	70	42	58	24.56	cps
Silicon	28-1	3410986	3297405	3410488	3372960	1.94	cps
Silver	109-1	1117	1492	1000	1203	21.36	cps
Silver	107-1	1400	1300	1450	1383	5.52	cps
Sodium	23-2	29916	29440	30233	29863	1.34	cps
Strontium	86-1	116208	117090	115964	116421	0.51	cps
Strontium	88-1	1024010	1021337	1025225	1023524	0.19	cps
Sulfur	34-1	247083	248123	246223	247143	0.39	cps
Terbium	159-1	5892086	5979006	6064743	5978612	1.44	cps
Terbium	159-2	1043760	1039550	1037775	1040362	0.30	cps
Thallium	203-1	2350	2442	2342	2378	2.33	cps
Thallium	205-1	6152	5902	6285	6113	3.19	cps
Tin	118-1	5626	5710	5526	5621	1.63	cps
Titanium	47-1	33366	33759	33375	33500	0.67	cps
Uranium	238-1	19299	18873	19633	19268	1.98	cps
Vanadium	51-2	15082	14851	14861	14931	0.87	cps
Yttrium	89-1	4966512	4954526	4943435	4954824	0.23	cps
Yttrium	89-2	139649	142379	138746	140258	1.35	cps
Zinc	66-2	10608	10748	11138	10831	2.54	cps
Zirconium	90-1	30477	29984	28614	29692	3.25	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06RE	Instrumnet Name :	P8
Client Sample ID :	MF6A56	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:32:03	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6268	6410	6569	6416	2.34	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-07	Instrumnet Name :	P8
Client Sample ID :	MF6A57	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:35:13	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46218	47037	47430	46895	1.32	cps
Antimony	121-1	2675	3017	2692	2795	6.89	cps
Arsenic	75-2	211	174	226	204	13.11	cps
Barium	135-1	732454	731318	727356	730376	0.37	cps
Barium	137-1	1286401	1274876	1274063	1278447	0.54	cps
Beryllium	9-1	1122	1022	961	1035	7.86	cps
Bismuth	209-1	4047007	4068791	4064167	4059988	0.28	cps
Bismuth	209-2	877034	874536	875586	875719	0.14	cps
Boron	10-1	525	575	458	519	11.27	cps
Boron	11-1	2367	2592	2667	2542	6.14	cps
Cadmium	111-1	882	931	1157	990	14.80	cps
Cadmium	106-1	1000	875	983	953	7.12	cps
Cadmium	108-1	79	117	100	99	19.05	cps
Calcium	43-1	644651	645961	641440	644018	0.36	cps
Calcium	44-1	10653574	10563538	10565158	10594090	0.49	cps
Chromium	52-2	11198	11672	11665	11512	2.36	cps
Cobalt	59-2	18102	17134	17498	17578	2.78	cps
Copper	63-2	37945	38163	37618	37908	0.72	cps
Dysprosium	156-1	42319	41266	42437	42008	1.53	cps
Dysprosium	156-2	8129	8036	8460	8208	2.71	cps
Erbium	164-1	33344	33862	34380	33862	1.53	cps
Erbium	164-2	6192	6275	5938	6135	2.86	cps
Gadolinium	160-1	39678	39804	39586	39689	0.27	cps
Gadolinium	160-2	10164	9697	9750	9871	2.59	cps
Holmium	165-1	5827774	5978543	5859929	5888748	1.35	cps
Holmium	165-2	1093471	1088164	1069321	1083652	1.17	cps
Indium	115-1	4417254	4458808	4421346	4432470	0.52	cps
Indium	115-2	171029	169533	170204	170255	0.44	cps
Iron	56-2	7979246	7916259	7861529	7919011	0.74	cps
Iron	57-2	200510	199778	199962	200084	0.19	cps
Lead	206-1	131889	132275	133135	132433	0.48	cps
Lead	207-1	106359	107160	107508	107009	0.55	cps
Lead	208-1	507156	505171	509062	507130	0.38	cps
Lithium	6-1	591522	596009	592484	593339	0.40	cps
Magnesium	24-2	308147	306522	306760	307143	0.29	cps
Manganese	55-2	58167	57669	56815	57550	1.19	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-07	Instrumnet Name :	P8
Client Sample ID :	MF6A57	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:35:13	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	23989	22895	23179	23354	2.43	cps
Molybdenum	95-1	508	525	358	464	19.79	cps
Molybdenum	96-1	4718	4526	4434	4559	3.17	cps
Molybdenum	97-1	425	383	433	414	6.47	cps
Molybdenum	98-1	842	767	700	770	9.21	cps
Neodymium	150-1	66897	69149	67299	67782	1.77	cps
Neodymium	150-2	7812	8069	7993	7958	1.66	cps
Nickel	60-2	13350	13383	13403	13379	0.20	cps
Phosphorus	31-2	217	317	292	275	18.92	cps
Potassium	39-2	25040	23996	24606	24547	2.14	cps
Rhodium	103-1	4021629	4050643	4020216	4030829	0.43	cps
Rhodium	103-2	981655	969219	968595	973156	0.76	cps
Scandium	45-1	2223270	2212739	2221652	2219220	0.26	cps
Scandium	45-2	16587	16660	16169	16472	1.61	cps
Selenium	77-2	27	43	43	38	25.46	cps
Selenium	78-2	15	20	15	17	19.26	cps
Selenium	82-1	-65	74	21	10	699.26	cps
Silicon	28-1	3540050	4315358	7810510	5221972	43.57	cps
Silver	109-1	1317	1308	1142	1256	7.86	cps
Silver	107-1	1408	1358	1350	1372	2.30	cps
Sodium	23-2	26926	27569	27093	27196	1.23	cps
Strontium	86-1	182182	185525	183508	183738	0.92	cps
Strontium	88-1	1619470	1625059	1635109	1626546	0.49	cps
Sulfur	34-1	261508	261750	260765	261341	0.20	cps
Terbium	159-1	5968454	6107180	6034527	6036720	1.15	cps
Terbium	159-2	1050348	1037459	1030160	1039322	0.98	cps
Thallium	203-1	2525	2659	2817	2667	5.48	cps
Thallium	205-1	6685	6869	6560	6705	2.31	cps
Tin	118-1	4484	5443	4826	4918	9.88	cps
Titanium	47-1	54184	53891	55180	54418	1.24	cps
Uranium	238-1	26621	27314	27514	27150	1.73	cps
Vanadium	51-2	14254	13974	14104	14111	0.99	cps
Yttrium	89-1	4905285	4927217	4875846	4902783	0.53	cps
Yttrium	89-2	136749	136315	136019	136361	0.27	cps
Zinc	66-2	8740	8613	8633	8662	0.79	cps
Zirconium	90-1	63066	62771	63135	62991	0.31	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-07	Instrumnet Name :	P8
Client Sample ID :	MF6A57	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:35:13	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	14667	14233	13699	14200	3.41	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-08	Instrumnet Name :	P8
Client Sample ID :	MF6A58	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:38:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33549	34552	33941	34014	1.49	cps
Antimony	121-1	2542	2617	2425	2528	3.82	cps
Arsenic	75-2	117	148	139	135	12.02	cps
Barium	135-1	683956	683237	685122	684105	0.14	cps
Barium	137-1	1189936	1196577	1190303	1192272	0.31	cps
Beryllium	9-1	811	617	889	772	18.16	cps
Bismuth	209-1	4060737	4038333	4040124	4046398	0.31	cps
Bismuth	209-2	874691	874451	871376	873506	0.21	cps
Boron	10-1	442	408	342	397	12.82	cps
Boron	11-1	1917	2050	1934	1967	3.69	cps
Cadmium	111-1	858	865	906	876	2.93	cps
Cadmium	106-1	950	792	933	892	9.76	cps
Cadmium	108-1	108	92	108	103	9.36	cps
Calcium	43-1	760956	762032	757204	760064	0.33	cps
Calcium	44-1	12515753	12571854	12441112	12509573	0.52	cps
Chromium	52-2	8763	8876	8619	8753	1.47	cps
Cobalt	59-2	13410	13353	13630	13464	1.09	cps
Copper	63-2	23253	23250	23453	23319	0.50	cps
Dysprosium	156-1	34154	33252	32542	33316	2.43	cps
Dysprosium	156-2	6245	6472	6502	6406	2.19	cps
Erbium	164-1	27847	27179	26578	27202	2.33	cps
Erbium	164-2	4684	4681	4768	4711	1.04	cps
Gadolinium	160-1	32668	31380	31146	31732	2.58	cps
Gadolinium	160-2	7869	7749	7802	7807	0.77	cps
Holmium	165-1	5889550	5866075	5877791	5877805	0.20	cps
Holmium	165-2	1076490	1088082	1070807	1078460	0.82	cps
Indium	115-1	4458858	4409484	4430993	4433111	0.56	cps
Indium	115-2	169075	169405	169321	169267	0.10	cps
Iron	56-2	6385795	6425053	6344138	6384995	0.63	cps
Iron	57-2	160334	160417	159699	160150	0.25	cps
Lead	206-1	97421	95713	97069	96734	0.93	cps
Lead	207-1	78318	78307	76474	77700	1.37	cps
Lead	208-1	373829	369591	365586	369669	1.12	cps
Lithium	6-1	585644	584467	585207	585106	0.10	cps
Magnesium	24-2	247009	251721	242375	247035	1.89	cps
Manganese	55-2	43889	43140	43521	43517	0.86	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-08	Instrumnet Name :	P8
Client Sample ID :	MF6A58	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:38:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21693	23870	22536	22700	4.84	cps
Molybdenum	95-1	617	567	583	589	4.32	cps
Molybdenum	96-1	4226	4493	4167	4295	4.04	cps
Molybdenum	97-1	342	375	458	392	15.34	cps
Molybdenum	98-1	808	975	767	850	12.97	cps
Neodymium	150-1	52472	53590	53202	53088	1.07	cps
Neodymium	150-2	6348	5945	6595	6296	5.21	cps
Nickel	60-2	10197	9977	9714	9963	2.43	cps
Phosphorus	31-2	275	300	208	261	18.15	cps
Potassium	39-2	17929	18121	17620	17890	1.41	cps
Rhodium	103-1	4025681	4045795	4030927	4034134	0.26	cps
Rhodium	103-2	962197	966198	968001	965465	0.31	cps
Scandium	45-1	2161482	2187637	2193527	2180882	0.78	cps
Scandium	45-2	16683	16497	16230	16470	1.38	cps
Selenium	77-2	37	20	13	23	51.52	cps
Selenium	78-2	11	20	11	14	37.66	cps
Selenium	82-1	-7	57	76	42	102.87	cps
Silicon	28-1	3733934	4145461	4052241	3977212	5.43	cps
Silver	109-1	700	1000	900	867	17.63	cps
Silver	107-1	1075	892	950	972	9.63	cps
Sodium	23-2	23462	23504	23437	23467	0.14	cps
Strontium	86-1	194220	194406	195912	194846	0.48	cps
Strontium	88-1	1728964	1718318	1745302	1730862	0.79	cps
Sulfur	34-1	263251	260746	264812	262936	0.78	cps
Terbium	159-1	6102905	6049495	6040686	6064362	0.56	cps
Terbium	159-2	1032383	1037113	1024846	1031447	0.60	cps
Thallium	203-1	2542	2634	2417	2531	4.30	cps
Thallium	205-1	5868	6519	6377	6255	5.47	cps
Tin	118-1	3351	3476	3326	3384	2.38	cps
Titanium	47-1	71843	68575	68094	69504	2.93	cps
Uranium	238-1	32193	33864	33204	33087	2.54	cps
Vanadium	51-2	10644	10541	10491	10559	0.74	cps
Yttrium	89-1	4828388	4780879	4846527	4818598	0.70	cps
Yttrium	89-2	130900	131940	132108	131649	0.50	cps
Zinc	66-2	6395	6305	6205	6302	1.51	cps
Zirconium	90-1	59648	59785	59271	59568	0.45	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-08	Instrumnet Name :	P8
Client Sample ID :	MF6A58	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:38:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	13399	12948	13649	13332	2.66	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-03	Instrumnet Name :	P8
Client Sample ID :	MF6A00S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:41:33	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39624	39139	38796	39186	1.06	cps
Antimony	121-1	135161	134605	133528	134431	0.62	cps
Arsenic	75-2	2874	2743	2832	2816	2.38	cps
Barium	135-1	1297169	1291109	1289506	1292595	0.31	cps
Barium	137-1	2311188	2310188	2311273	2310883	0.03	cps
Beryllium	9-1	7419	7435	7497	7450	0.55	cps
Bismuth	209-1	4163395	4187006	4119897	4156766	0.82	cps
Bismuth	209-2	891989	886749	889306	889348	0.29	cps
Boron	10-1	575	775	567	639	18.46	cps
Boron	11-1	3034	2984	3134	3050	2.50	cps
Cadmium	111-1	14238	13726	13959	13974	1.83	cps
Cadmium	106-1	1825	2059	2100	1995	7.43	cps
Cadmium	108-1	917	875	858	883	3.40	cps
Calcium	43-1	176607	176133	173273	175338	1.03	cps
Calcium	44-1	2946380	2937687	2933681	2939250	0.22	cps
Chromium	52-2	28366	29114	28793	28757	1.31	cps
Cobalt	59-2	115806	116135	115964	115968	0.14	cps
Copper	63-2	65235	65061	64891	65062	0.26	cps
Dysprosium	156-1	28240	28323	28900	28488	1.26	cps
Dysprosium	156-2	5378	5531	5204	5371	3.04	cps
Erbium	164-1	23898	23689	23447	23678	0.95	cps
Erbium	164-2	3987	3957	4271	4072	4.25	cps
Gadolinium	160-1	26536	26369	27547	26818	2.38	cps
Gadolinium	160-2	6528	6335	6608	6491	2.17	cps
Holmium	165-1	5923272	5938849	5934193	5932105	0.13	cps
Holmium	165-2	1082882	1082912	1079217	1081670	0.20	cps
Indium	115-1	4461304	4460278	4500109	4473897	0.51	cps
Indium	115-2	168833	168754	169713	169100	0.32	cps
Iron	56-2	5708984	5733356	5681893	5708078	0.45	cps
Iron	57-2	144351	144215	145064	144543	0.32	cps
Lead	206-1	351181	348023	347467	348890	0.57	cps
Lead	207-1	294302	290021	287992	290772	1.11	cps
Lead	208-1	1369920	1359681	1362089	1363896	0.39	cps
Lithium	6-1	588188	592774	591078	590680	0.39	cps
Magnesium	24-2	33607	33081	31995	32894	2.50	cps
Manganese	55-2	134439	134355	133871	134222	0.23	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-03	Instrumnet Name :	P8
Client Sample ID :	MF6A00S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:41:33	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11673	11280	11430	11461	1.73	cps
Molybdenum	95-1	1842	2209	2000	2017	9.12	cps
Molybdenum	96-1	4176	4276	4009	4154	3.25	cps
Molybdenum	97-1	1367	1142	1233	1247	9.07	cps
Molybdenum	98-1	3067	3176	3167	3137	1.92	cps
Neodymium	150-1	43814	42924	44155	43631	1.46	cps
Neodymium	150-2	5004	5241	5455	5233	4.30	cps
Nickel	60-2	35248	35094	34740	35028	0.74	cps
Phosphorus	31-2	83	58	100	81	26.03	cps
Potassium	39-2	7035	6435	7477	6983	7.49	cps
Rhodium	103-1	4034916	4089048	4044894	4056286	0.71	cps
Rhodium	103-2	971247	971300	982651	975066	0.67	cps
Scandium	45-1	2174898	2165514	2179769	2173394	0.33	cps
Scandium	45-2	16116	15606	15792	15838	1.63	cps
Selenium	77-2	27	47	30	34	31.11	cps
Selenium	78-2	48	41	37	42	13.48	cps
Selenium	82-1	1724	1770	1697	1730	2.14	cps
Silicon	28-1	4834658	4625886	4559142	4673229	3.08	cps
Silver	109-1	60386	60955	61198	60847	0.69	cps
Silver	107-1	64397	64027	63299	63908	0.87	cps
Sodium	23-2	10888	11839	11030	11252	4.56	cps
Strontium	86-1	96304	97253	96457	96671	0.53	cps
Strontium	88-1	833404	826180	832260	830615	0.47	cps
Sulfur	34-1	267511	266568	267080	267053	0.18	cps
Terbium	159-1	6073691	6042646	6039933	6052090	0.31	cps
Terbium	159-2	1034348	1033211	1030172	1032577	0.21	cps
Thallium	203-1	58695	59080	59750	59175	0.90	cps
Thallium	205-1	139054	142779	140899	140910	1.32	cps
Tin	118-1	5143	5635	5843	5540	6.49	cps
Titanium	47-1	10375	9020	9840	9745	7.00	cps
Uranium	238-1	64492	64602	64149	64414	0.37	cps
Vanadium	51-2	48628	48474	48133	48411	0.52	cps
Yttrium	89-1	4796938	4797664	4750345	4781649	0.57	cps
Yttrium	89-2	130573	129409	129706	129896	0.47	cps
Zinc	66-2	15929	15546	15359	15611	1.86	cps
Zirconium	90-1	34237	28264	28248	30250	11.42	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-03	Instrumnet Name :	P8
Client Sample ID :	MF6A00S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:41:33	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6535	6277	6085	6299	3.59	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-10	Instrumnet Name :	P8
Client Sample ID :	MF6A60	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:44:43	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23846	23537	22961	23448	1.92	cps
Antimony	121-1	1425	1433	1600	1486	6.64	cps
Arsenic	75-2	226	237	256	240	6.25	cps
Barium	135-1	399550	394795	405723	400022	1.37	cps
Barium	137-1	694352	691395	694822	693523	0.27	cps
Beryllium	9-1	417	428	406	417	2.67	cps
Bismuth	209-1	4090786	4149384	4163828	4134666	0.94	cps
Bismuth	209-2	907004	908665	903905	906525	0.27	cps
Boron	10-1	367	342	442	383	13.58	cps
Boron	11-1	1892	1884	1975	1917	2.64	cps
Cadmium	111-1	489	530	555	525	6.42	cps
Cadmium	106-1	683	842	958	828	16.67	cps
Cadmium	108-1	38	63	46	49	26.19	cps
Calcium	43-1	372247	372776	377205	374076	0.73	cps
Calcium	44-1	6148508	6078726	6226009	6151081	1.20	cps
Chromium	52-2	6545	6372	6445	6454	1.35	cps
Cobalt	59-2	6969	7169	6862	7000	2.23	cps
Copper	63-2	11885	11095	11608	11529	3.48	cps
Dysprosium	156-1	26620	26444	26603	26556	0.36	cps
Dysprosium	156-2	5385	5184	5371	5313	2.11	cps
Erbium	164-1	21644	22011	21611	21755	1.02	cps
Erbium	164-2	4024	3734	3774	3844	4.09	cps
Gadolinium	160-1	25359	25584	26511	25818	2.37	cps
Gadolinium	160-2	6462	6172	6145	6259	2.81	cps
Holmium	165-1	5951576	5917593	6021968	5963713	0.89	cps
Holmium	165-2	1115619	1113351	1114457	1114476	0.10	cps
Indium	115-1	4407952	4459207	4501505	4456221	1.05	cps
Indium	115-2	175527	173497	173131	174052	0.74	cps
Iron	56-2	4590680	4541108	4524369	4552052	0.76	cps
Iron	57-2	113704	114472	115099	114425	0.61	cps
Lead	206-1	59009	57737	58367	58371	1.09	cps
Lead	207-1	47829	47428	47545	47601	0.43	cps
Lead	208-1	226183	224952	226333	225823	0.34	cps
Lithium	6-1	582579	587912	594099	588197	0.98	cps
Magnesium	24-2	206806	207705	204126	206213	0.90	cps
Manganese	55-2	34737	35228	34683	34883	0.86	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-10	Instrumnet Name :	P8
Client Sample ID :	MF6A60	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:44:43	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21401	21142	21484	21343	0.84	cps
Molybdenum	95-1	708	683	792	728	7.80	cps
Molybdenum	96-1	4268	4193	4368	4276	2.05	cps
Molybdenum	97-1	475	558	558	531	9.07	cps
Molybdenum	98-1	1225	1292	1325	1281	3.98	cps
Neodymium	150-1	42322	42369	43058	42583	0.97	cps
Neodymium	150-2	5288	5268	5241	5266	0.44	cps
Nickel	60-2	5678	5571	5555	5601	1.20	cps
Phosphorus	31-2	242	225	242	236	4.08	cps
Potassium	39-2	14183	14975	14692	14616	2.75	cps
Rhodium	103-1	4018520	4039209	4067395	4041708	0.61	cps
Rhodium	103-2	1003892	990142	992851	995628	0.73	cps
Scandium	45-1	2174538	2161071	2197509	2177706	0.85	cps
Scandium	45-2	16330	16353	16386	16356	0.17	cps
Selenium	77-2	20	40	27	29	35.25	cps
Selenium	78-2	11	9	7	9	19.98	cps
Selenium	82-1	-20	68	37	28	158.53	cps
Silicon	28-1	3416191	3217226	3264370	3299262	3.15	cps
Silver	109-1	500	575	542	539	6.97	cps
Silver	107-1	667	908	817	797	15.30	cps
Sodium	23-2	19506	19114	19464	19361	1.11	cps
Strontium	86-1	98781	98461	100335	99192	1.01	cps
Strontium	88-1	853309	848658	863804	855257	0.91	cps
Sulfur	34-1	258303	259523	262105	259977	0.75	cps
Terbium	159-1	6075683	6034602	6152902	6087729	0.99	cps
Terbium	159-2	1060307	1065273	1064716	1063432	0.26	cps
Thallium	203-1	1450	1442	1634	1509	7.18	cps
Thallium	205-1	3601	3517	3401	3506	2.87	cps
Tin	118-1	2884	3301	3101	3095	6.74	cps
Titanium	47-1	93999	94082	94493	94191	0.28	cps
Uranium	238-1	16745	16436	16762	16648	1.10	cps
Vanadium	51-2	7162	7079	6918	7053	1.75	cps
Yttrium	89-1	4692483	4736566	4793662	4740904	1.07	cps
Yttrium	89-2	134383	132660	133178	133407	0.66	cps
Zinc	66-2	4124	4247	4094	4155	1.96	cps
Zirconium	90-1	57376	58126	59180	58227	1.56	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-10	Instrumnet Name :	P8
Client Sample ID :	MF6A60	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:44:43	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	12598	12231	12331	12387	1.53	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-11	Instrumnet Name :	P8
Client Sample ID :	MF6A61	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:47:53	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24155	24238	24206	24200	0.17	cps
Antimony	121-1	2800	2992	2967	2920	3.57	cps
Arsenic	75-2	924	815	917	885	6.90	cps
Barium	135-1	324517	317796	316846	319720	1.31	cps
Barium	137-1	560195	555980	560546	558907	0.45	cps
Beryllium	9-1	433	494	556	494	12.36	cps
Bismuth	209-1	4213952	4196452	4160621	4190342	0.65	cps
Bismuth	209-2	898928	892890	898296	896705	0.37	cps
Boron	10-1	433	375	392	400	7.51	cps
Boron	11-1	1834	1992	2159	1995	8.15	cps
Cadmium	111-1	700	754	878	778	11.76	cps
Cadmium	106-1	992	1025	1208	1075	10.85	cps
Cadmium	108-1	67	92	67	75	19.24	cps
Calcium	43-1	469135	464248	465123	466169	0.56	cps
Calcium	44-1	7645570	7656236	7601030	7634279	0.38	cps
Chromium	52-2	9994	9483	9780	9752	2.63	cps
Cobalt	59-2	9233	9150	9156	9180	0.50	cps
Copper	63-2	14464	13987	14471	14308	1.94	cps
Dysprosium	156-1	30778	30771	31505	31018	1.36	cps
Dysprosium	156-2	5965	6058	5895	5973	1.37	cps
Erbium	164-1	26378	26186	25918	26161	0.88	cps
Erbium	164-2	4738	4631	4458	4609	3.07	cps
Gadolinium	160-1	31079	30052	30169	30434	1.85	cps
Gadolinium	160-2	7232	7646	7486	7454	2.80	cps
Holmium	165-1	6096417	6003432	6036110	6045320	0.78	cps
Holmium	165-2	1110694	1102276	1102839	1105270	0.43	cps
Indium	115-1	4521612	4477953	4565064	4521543	0.96	cps
Indium	115-2	172334	174005	173060	173133	0.48	cps
Iron	56-2	5895352	5840037	5906583	5880657	0.61	cps
Iron	57-2	149520	146528	147696	147915	1.02	cps
Lead	206-1	70959	70852	71165	70992	0.22	cps
Lead	207-1	57871	57380	56481	57244	1.23	cps
Lead	208-1	275091	271621	274542	273752	0.68	cps
Lithium	6-1	599460	604817	595196	599824	0.80	cps
Magnesium	24-2	228525	228719	227886	228377	0.19	cps
Manganese	55-2	73331	71750	72319	72467	1.11	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-11	Instrumnet Name :	P8
Client Sample ID :	MF6A61	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:47:53	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	27796	27938	29243	28326	2.82	cps
Molybdenum	95-1	4618	4251	4409	4426	4.16	cps
Molybdenum	96-1	9839	9078	9312	9410	4.14	cps
Molybdenum	97-1	3017	2934	2875	2942	2.42	cps
Molybdenum	98-1	7052	6927	7536	7172	4.48	cps
Neodymium	150-1	50793	51287	49808	50629	1.49	cps
Neodymium	150-2	5705	6108	5815	5876	3.55	cps
Nickel	60-2	6485	6822	6685	6664	2.54	cps
Phosphorus	31-2	342	433	450	408	14.29	cps
Potassium	39-2	15876	15543	15960	15793	1.40	cps
Rhodium	103-1	4145986	4077709	4141777	4121824	0.93	cps
Rhodium	103-2	985312	992252	980098	985887	0.62	cps
Scandium	45-1	2192663	2184795	2210428	2195962	0.60	cps
Scandium	45-2	16393	16226	16406	16342	0.61	cps
Selenium	77-2	27	23	30	27	12.51	cps
Selenium	78-2	13	9	15	12	22.89	cps
Selenium	82-1	100	36	-63	24	337.80	cps
Silicon	28-1	4019251	3719512	3709940	3816234	4.61	cps
Silver	109-1	675	642	742	686	7.42	cps
Silver	107-1	733	758	683	725	5.27	cps
Sodium	23-2	18855	18538	18772	18722	0.88	cps
Strontium	86-1	116577	116252	115073	115967	0.68	cps
Strontium	88-1	1010222	996189	1005543	1003985	0.71	cps
Sulfur	34-1	279411	280041	283032	280828	0.69	cps
Terbium	159-1	6249040	6171057	6244549	6221549	0.70	cps
Terbium	159-2	1058652	1053888	1054492	1055677	0.25	cps
Thallium	203-1	1433	1567	1433	1478	5.21	cps
Thallium	205-1	3692	3984	3901	3859	3.89	cps
Tin	118-1	3025	3317	3075	3139	4.97	cps
Titanium	47-1	118560	116191	117735	117495	1.02	cps
Uranium	238-1	29645	30279	30422	30115	1.37	cps
Vanadium	51-2	10544	10361	10337	10414	1.09	cps
Yttrium	89-1	4891636	4856592	4863153	4870460	0.38	cps
Yttrium	89-2	134393	134000	133642	134012	0.28	cps
Zinc	66-2	5004	5521	4888	5138	6.56	cps
Zirconium	90-1	70316	68925	68951	69397	1.15	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-11	Instrumnet Name :	P8
Client Sample ID :	MF6A61	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:47:53	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	15543	17034	15468	16015	5.51	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-12	Instrumnet Name :	P8
Client Sample ID :	MF6A62	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:51:04	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33708	32488	32279	32825	2.35	cps
Antimony	121-1	2975	3142	2859	2992	4.76	cps
Arsenic	75-2	1656	1689	1563	1636	3.99	cps
Barium	135-1	390572	386525	388847	388648	0.52	cps
Barium	137-1	671757	673894	673797	673149	0.18	cps
Beryllium	9-1	639	600	739	659	10.87	cps
Bismuth	209-1	4191735	4157999	4189452	4179729	0.45	cps
Bismuth	209-2	905578	898889	900175	901548	0.39	cps
Boron	10-1	442	517	650	536	19.68	cps
Boron	11-1	2692	2767	2700	2720	1.51	cps
Cadmium	111-1	735	769	745	750	2.33	cps
Cadmium	106-1	950	942	950	947	0.51	cps
Cadmium	108-1	88	100	104	97	8.92	cps
Calcium	43-1	526426	521641	521023	523030	0.57	cps
Calcium	44-1	8623530	8558210	8619154	8600298	0.42	cps
Chromium	52-2	9537	9460	9293	9430	1.32	cps
Cobalt	59-2	12920	12666	12506	12697	1.64	cps
Copper	63-2	18980	18646	18963	18863	1.00	cps
Dysprosium	156-1	33511	34145	34614	34090	1.62	cps
Dysprosium	156-2	6822	6595	6315	6577	3.86	cps
Erbium	164-1	27305	28616	28081	28001	2.35	cps
Erbium	164-2	4851	4841	4808	4833	0.47	cps
Gadolinium	160-1	32759	32809	33302	32957	0.91	cps
Gadolinium	160-2	7959	7696	8039	7898	2.28	cps
Holmium	165-1	6154669	6058932	6007740	6073780	1.23	cps
Holmium	165-2	1105401	1106218	1105927	1105849	0.04	cps
Indium	115-1	4559480	4504669	4507857	4524002	0.68	cps
Indium	115-2	171670	170988	170981	171213	0.23	cps
Iron	56-2	6974408	6926288	7014573	6971756	0.63	cps
Iron	57-2	174674	174331	176362	175122	0.62	cps
Lead	206-1	88685	87970	86879	87844	1.04	cps
Lead	207-1	71098	71087	71283	71156	0.15	cps
Lead	208-1	340140	338773	338016	338976	0.32	cps
Lithium	6-1	598290	603688	602964	601647	0.49	cps
Magnesium	24-2	276528	282844	276198	278524	1.34	cps
Manganese	55-2	88770	87814	87814	88133	0.63	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-12	Instrumnet Name :	P8
Client Sample ID :	MF6A62	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:51:04	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	27579	27880	27713	27724	0.54	cps
Molybdenum	95-1	4026	3659	3617	3767	5.97	cps
Molybdenum	96-1	8086	8019	8570	8225	3.65	cps
Molybdenum	97-1	2317	2325	2259	2300	1.58	cps
Molybdenum	98-1	5927	6160	5827	5971	2.87	cps
Neodymium	150-1	54581	52961	52405	53316	2.12	cps
Neodymium	150-2	6302	6252	6505	6353	2.11	cps
Nickel	60-2	8680	8646	8553	8626	0.76	cps
Phosphorus	31-2	150	308	283	247	34.43	cps
Potassium	39-2	20649	19681	20157	20162	2.40	cps
Rhodium	103-1	4156048	4108868	4143714	4136210	0.59	cps
Rhodium	103-2	988780	979308	980219	982769	0.53	cps
Scandium	45-1	2184016	2213784	2207876	2201892	0.72	cps
Scandium	45-2	16276	15686	16563	16175	2.77	cps
Selenium	77-2	47	37	27	37	27.27	cps
Selenium	78-2	19	11	19	16	26.66	cps
Selenium	82-1	-15	44	128	52	137.46	cps
Silicon	28-1	3843377	3578598	3692722	3704899	3.58	cps
Silver	109-1	642	775	717	711	9.40	cps
Silver	107-1	600	817	683	700	15.61	cps
Sodium	23-2	20257	19614	20165	20012	1.74	cps
Strontium	86-1	135820	135904	136922	136215	0.45	cps
Strontium	88-1	1181227	1162642	1175557	1173142	0.81	cps
Sulfur	34-1	302454	300123	298882	300486	0.60	cps
Terbium	159-1	6232651	6213387	6233232	6226423	0.18	cps
Terbium	159-2	1059771	1051482	1054503	1055252	0.40	cps
Thallium	203-1	2209	1742	1900	1950	12.17	cps
Thallium	205-1	4276	4576	4784	4545	5.62	cps
Tin	118-1	3834	3609	3709	3717	3.03	cps
Titanium	47-1	101416	101258	102893	101856	0.89	cps
Uranium	238-1	34232	34641	33805	34226	1.22	cps
Vanadium	51-2	10251	10367	10701	10440	2.24	cps
Yttrium	89-1	4863033	4824067	4838821	4841974	0.41	cps
Yttrium	89-2	134834	132065	133088	133329	1.05	cps
Zinc	66-2	5958	5675	5605	5746	3.26	cps
Zirconium	90-1	69286	69838	71589	70238	1.71	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-12	Instrumnet Name :	P8
Client Sample ID :	MF6A62	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:51:04	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	15151	15042	15468	15220	1.45	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-13	Instrumnet Name :	P8
Client Sample ID :	MF6A46	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:54:14	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44370	43751	43827	43983	0.77	cps
Antimony	121-1	2392	2292	2350	2345	2.14	cps
Arsenic	75-2	1082	1002	987	1024	4.96	cps
Barium	135-1	1018236	1017016	1010166	1015139	0.43	cps
Barium	137-1	1818177	1813984	1792683	1808281	0.76	cps
Beryllium	9-1	1361	1000	1172	1178	15.34	cps
Bismuth	209-1	4288095	4272082	4245779	4268652	0.50	cps
Bismuth	209-2	908874	905987	903924	906262	0.27	cps
Boron	10-1	1558	1817	1659	1678	7.76	cps
Boron	11-1	7936	7786	7944	7889	1.13	cps
Cadmium	111-1	908	807	806	840	6.97	cps
Cadmium	106-1	925	692	733	783	15.89	cps
Cadmium	108-1	71	88	83	81	10.76	cps
Calcium	43-1	1457459	1420977	1431167	1436534	1.31	cps
Calcium	44-1	23071615	23051791	23141820	23088409	0.20	cps
Chromium	52-2	13240	13617	13430	13429	1.40	cps
Cobalt	59-2	15592	16143	15843	15859	1.74	cps
Copper	63-2	28226	27735	27704	27888	1.05	cps
Dysprosium	156-1	38892	38691	39552	39045	1.15	cps
Dysprosium	156-2	7292	7486	7292	7357	1.52	cps
Erbium	164-1	33043	32032	32650	32575	1.56	cps
Erbium	164-2	5811	5811	5691	5771	1.20	cps
Gadolinium	160-1	36703	37656	37513	37290	1.38	cps
Gadolinium	160-2	9103	9003	9210	9106	1.14	cps
Holmium	165-1	6127257	6161718	6148044	6145673	0.28	cps
Holmium	165-2	1118376	1107985	1112491	1112951	0.47	cps
Indium	115-1	4585063	4533514	4553029	4557202	0.57	cps
Indium	115-2	173045	173218	171901	172721	0.41	cps
Iron	56-2	6206982	6140310	6154504	6167266	0.57	cps
Iron	57-2	155673	155546	152603	154608	1.12	cps
Lead	206-1	407011	410477	407885	408458	0.44	cps
Lead	207-1	342336	343091	337929	341119	0.82	cps
Lead	208-1	1594799	1602821	1591805	1596475	0.36	cps
Lithium	6-1	600242	600912	607233	602796	0.64	cps
Magnesium	24-2	126869	124877	125020	125589	0.88	cps
Manganese	55-2	95792	94447	95819	95353	0.82	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-13	Instrumnet Name :	P8
Client Sample ID :	MF6A46	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:54:14	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12356	11547	11731	11878	3.57	cps
Molybdenum	95-1	2709	2925	2800	2812	3.87	cps
Molybdenum	96-1	4609	4993	4634	4746	4.52	cps
Molybdenum	97-1	1917	1925	1909	1917	0.43	cps
Molybdenum	98-1	4509	4568	4659	4579	1.65	cps
Neodymium	150-1	59421	59254	59435	59370	0.17	cps
Neodymium	150-2	7105	6645	6895	6882	3.35	cps
Nickel	60-2	7445	7325	7259	7343	1.29	cps
Phosphorus	31-2	108	117	200	142	35.78	cps
Potassium	39-2	8970	9120	8987	9025	0.91	cps
Rhodium	103-1	4095456	4107434	4104921	4102604	0.15	cps
Rhodium	103-2	981085	984035	983868	982996	0.17	cps
Scandium	45-1	2243492	2213929	2234862	2230761	0.68	cps
Scandium	45-2	16583	16410	16433	16475	0.57	cps
Selenium	77-2	17	13	57	29	83.48	cps
Selenium	78-2	20	13	20	18	23.90	cps
Selenium	82-1	9	-11	26	8	232.80	cps
Silicon	28-1	4370639	4217201	4344268	4310703	1.90	cps
Silver	109-1	833	933	1017	928	9.89	cps
Silver	107-1	917	942	1025	961	5.90	cps
Sodium	23-2	31444	31135	31469	31349	0.59	cps
Strontium	86-1	753753	751749	755962	753821	0.28	cps
Strontium	88-1	6595625	6586493	6572067	6584728	0.18	cps
Sulfur	34-1	275188	275535	272706	274476	0.56	cps
Terbium	159-1	6238821	6216089	6176699	6210536	0.51	cps
Terbium	159-2	1067095	1067180	1065197	1066491	0.11	cps
Thallium	203-1	1125	1617	1283	1342	18.71	cps
Thallium	205-1	2834	2925	2850	2870	1.70	cps
Tin	118-1	5827	5426	5210	5487	5.70	cps
Titanium	47-1	88307	89765	87541	88538	1.28	cps
Uranium	238-1	42139	42130	42365	42211	0.31	cps
Vanadium	51-2	16940	16490	16406	16612	1.73	cps
Yttrium	89-1	5033952	4942111	4965278	4980447	0.96	cps
Yttrium	89-2	136905	137133	134464	136167	1.09	cps
Zinc	66-2	6328	6038	6048	6138	2.68	cps
Zirconium	90-1	27666	28690	28032	28129	1.85	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-13	Instrumnet Name :	P8
Client Sample ID :	MF6A46	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:54:14	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6360	6652	6110	6374	4.26	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-14	Instrumnet Name :	P8
Client Sample ID :	MF6A47	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:57:24	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59216	60404	59944	59855	1.00	cps
Antimony	121-1	3717	3817	3784	3773	1.35	cps
Arsenic	75-2	2295	2319	2411	2342	2.63	cps
Barium	135-1	2682797	2693475	2653833	2676702	0.77	cps
Barium	137-1	4603288	4614012	4576922	4598074	0.42	cps
Beryllium	9-1	1717	1683	1867	1756	5.56	cps
Bismuth	209-1	4283261	4309692	4274610	4289187	0.43	cps
Bismuth	209-2	909675	916497	908229	911467	0.48	cps
Boron	10-1	1575	1609	1600	1595	1.09	cps
Boron	11-1	7844	8203	7936	7994	2.33	cps
Cadmium	111-1	1787	1661	1894	1781	6.57	cps
Cadmium	106-1	1017	967	1125	1036	7.81	cps
Cadmium	108-1	171	121	92	128	31.33	cps
Calcium	43-1	153851	153463	151729	153014	0.74	cps
Calcium	44-1	2588061	2563999	2549577	2567212	0.76	cps
Chromium	52-2	15646	16059	16006	15904	1.42	cps
Cobalt	59-2	32846	33053	32117	32672	1.50	cps
Copper	63-2	37932	38270	38617	38273	0.90	cps
Dysprosium	156-1	55368	55461	56021	55617	0.64	cps
Dysprosium	156-2	10061	10207	10074	10114	0.80	cps
Erbium	164-1	42412	42328	43516	42752	1.55	cps
Erbium	164-2	7149	7369	7559	7359	2.79	cps
Gadolinium	160-1	49746	49813	49620	49726	0.20	cps
Gadolinium	160-2	12069	11939	11452	11820	2.75	cps
Holmium	165-1	6037883	6103162	6138407	6093150	0.84	cps
Holmium	165-2	1107684	1116712	1109748	1111381	0.43	cps
Indium	115-1	4522613	4535392	4570945	4542983	0.55	cps
Indium	115-2	173535	175538	173040	174038	0.76	cps
Iron	56-2	15400665	15512250	15432573	15448496	0.37	cps
Iron	57-2	390440	391125	387961	389842	0.43	cps
Lead	206-1	11727592	11445916	11589624	11587711	1.22	cps
Lead	207-1	9741302	9670616	9692473	9701464	0.37	cps
Lead	208-1	45372206	44980620	45284614	45212480	0.45	cps
Lithium	6-1	600369	608489	605057	604638	0.67	cps
Magnesium	24-2	67075	68617	66363	67352	1.71	cps
Manganese	55-2	316741	319822	315244	317269	0.74	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-14	Instrumnet Name :	P8
Client Sample ID :	MF6A47	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:57:24	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16319	15827	16794	16313	2.97	cps
Molybdenum	95-1	2992	3084	2992	3023	1.75	cps
Molybdenum	96-1	6160	5685	6068	5971	4.22	cps
Molybdenum	97-1	1842	1950	2284	2025	11.37	cps
Molybdenum	98-1	4759	4968	4768	4832	2.44	cps
Neodymium	150-1	82150	80929	81794	81624	0.77	cps
Neodymium	150-2	9834	9647	10154	9878	2.60	cps
Nickel	60-2	8766	8643	8576	8662	1.11	cps
Phosphorus	31-2	200	250	192	214	14.75	cps
Potassium	39-2	12506	13065	12731	12767	2.20	cps
Rhodium	103-1	4102136	4160205	4152760	4138367	0.76	cps
Rhodium	103-2	996301	1002129	988590	995673	0.68	cps
Scandium	45-1	2233253	2241943	2285392	2253529	1.24	cps
Scandium	45-2	16623	16687	17057	16789	1.40	cps
Selenium	77-2	80	37	57	58	37.53	cps
Selenium	78-2	28	15	28	23	31.92	cps
Selenium	82-1	52	70	-3	40	95.94	cps
Silicon	28-1	4451695	4404839	4528018	4461517	1.39	cps
Silver	109-1	1125	1175	1067	1122	4.83	cps
Silver	107-1	1150	1075	1050	1092	4.77	cps
Sodium	23-2	35896	35696	36155	35916	0.64	cps
Strontium	86-1	319141	312811	312008	314653	1.24	cps
Strontium	88-1	2767804	2761703	2780395	2769967	0.34	cps
Sulfur	34-1	269482	266699	271519	269233	0.90	cps
Terbium	159-1	6225684	6267992	6256524	6250066	0.35	cps
Terbium	159-2	1063351	1067023	1051628	1060668	0.76	cps
Thallium	203-1	983	1200	933	1039	13.65	cps
Thallium	205-1	2692	2609	2484	2595	4.04	cps
Tin	118-1	8386	7661	8253	8100	4.77	cps
Titanium	47-1	48890	43628	43428	45315	6.84	cps
Uranium	238-1	57560	56370	55734	56555	1.64	cps
Vanadium	51-2	31522	30978	31232	31244	0.87	cps
Yttrium	89-1	5067572	5131597	5115439	5104870	0.65	cps
Yttrium	89-2	139544	140429	137578	139184	1.05	cps
Zinc	66-2	18826	18356	18359	18514	1.46	cps
Zirconium	90-1	41724	41599	39960	41094	2.40	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-14	Instrumnet Name :	P8
Client Sample ID :	MF6A47	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 15:57:24	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8795	8945	9320	9020	3.00	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-15	Instrumnet Name :	P8
Client Sample ID :	MF6A48	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:00:32	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59100	59183	58856	59046	0.29	cps
Antimony	121-1	2292	2192	2142	2209	3.46	cps
Arsenic	75-2	2291	2330	2267	2296	1.38	cps
Barium	135-1	2029070	1989619	2014735	2011141	0.99	cps
Barium	137-1	3503828	3511730	3489926	3501828	0.32	cps
Beryllium	9-1	1817	1611	1656	1695	6.38	cps
Bismuth	209-1	4232330	4288165	4234202	4251566	0.75	cps
Bismuth	209-2	785856	911355	916487	871233	8.49	cps
Boron	10-1	425	475	475	458	6.30	cps
Boron	11-1	2650	2200	2309	2386	9.84	cps
Cadmium	111-1	980	904	873	919	5.97	cps
Cadmium	106-1	1083	892	892	956	11.58	cps
Cadmium	108-1	71	46	138	85	55.93	cps
Calcium	43-1	118346	115833	117766	117315	1.12	cps
Calcium	44-1	1982196	1975433	1975373	1977667	0.20	cps
Chromium	52-2	14217	13860	14147	14075	1.34	cps
Cobalt	59-2	22659	22635	22856	22716	0.53	cps
Copper	63-2	41502	40733	41101	41112	0.94	cps
Dysprosium	156-1	45338	45722	45246	45435	0.56	cps
Dysprosium	156-2	9113	9063	8953	9043	0.91	cps
Erbium	164-1	41150	40030	39628	40269	1.96	cps
Erbium	164-2	7336	7095	7456	7296	2.51	cps
Gadolinium	160-1	44594	45606	43641	44614	2.20	cps
Gadolinium	160-2	10908	10641	10825	10791	1.27	cps
Holmium	165-1	6099909	6025134	6112234	6079092	0.78	cps
Holmium	165-2	960850	1109549	1112432	1060944	8.17	cps
Indium	115-1	4533384	4563472	4534058	4543638	0.38	cps
Indium	115-2	149615	173415	173939	165656	8.39	cps
Iron	56-2	15105706	15001891	14961599	15023065	0.49	cps
Iron	57-2	380567	376864	374737	377389	0.78	cps
Lead	206-1	10287494	10227329	10271208	10262010	0.30	cps
Lead	207-1	8539557	8464905	8575140	8526534	0.66	cps
Lead	208-1	40040563	39981752	40147851	40056722	0.21	cps
Lithium	6-1	599489	606949	608353	604930	0.79	cps
Magnesium	24-2	80612	83997	81082	81897	2.24	cps
Manganese	55-2	70443	69696	70212	70117	0.55	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-15	Instrumnet Name :	P8
Client Sample ID :	MF6A48	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:00:32	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9671	9962	9737	9790	1.56	cps
Molybdenum	95-1	4226	4634	4076	4312	6.70	cps
Molybdenum	96-1	6368	6127	6343	6280	2.12	cps
Molybdenum	97-1	3176	2984	2709	2956	7.94	cps
Molybdenum	98-1	6819	7177	6810	6935	3.02	cps
Neodymium	150-1	66254	65724	66622	66200	0.68	cps
Neodymium	150-2	7926	7946	7659	7844	2.04	cps
Nickel	60-2	9834	10037	10381	10084	2.74	cps
Phosphorus	31-2	58	42	25	42	40.00	cps
Potassium	39-2	11088	10888	10513	10830	2.70	cps
Rhodium	103-1	4168047	4132175	4179983	4160069	0.60	cps
Rhodium	103-2	863983	1000019	1004357	956119	8.35	cps
Scandium	45-1	2271394	2272653	2268226	2270758	0.10	cps
Scandium	45-2	14491	17151	17528	16390	10.10	cps
Selenium	77-2	43	30	10	28	60.40	cps
Selenium	78-2	7	24	20	17	50.62	cps
Selenium	82-1	92	7	-8	31	177.11	cps
Silicon	28-1	3714994	3623260	3664512	3667589	1.25	cps
Silver	109-1	758	933	808	833	10.82	cps
Silver	107-1	1017	833	1008	953	10.87	cps
Sodium	23-2	36389	35211	35612	35738	1.68	cps
Strontium	86-1	121613	117738	120436	119929	1.66	cps
Strontium	88-1	1062703	1057489	1052250	1057480	0.49	cps
Sulfur	34-1	261282	261204	260159	260882	0.24	cps
Terbium	159-1	6212751	6186703	6241362	6213605	0.44	cps
Terbium	159-2	919345	1060141	1069600	1016362	8.28	cps
Thallium	203-1	1834	1534	1492	1620	11.51	cps
Thallium	205-1	4092	4109	4101	4101	0.20	cps
Tin	118-1	7019	7119	7002	7047	0.90	cps
Titanium	47-1	10610	9862	9487	9986	5.73	cps
Uranium	238-1	45710	47208	47693	46870	2.20	cps
Vanadium	51-2	26288	25397	25490	25725	1.90	cps
Yttrium	89-1	5044824	5029980	5028944	5034583	0.18	cps
Yttrium	89-2	122532	139450	139042	133675	7.22	cps
Zinc	66-2	9003	8756	8686	8815	1.89	cps
Zirconium	90-1	19298	19648	18772	19239	2.29	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-15	Instrumnet Name :	P8
Client Sample ID :	MF6A48	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:00:32	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4167	4484	3917	4190	6.78	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-16	Instrumnet Name :	P8
Client Sample ID :	MF6A49	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:03:41	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51971	51294	50968	51411	1.00	cps
Antimony	121-1	2200	2259	2167	2209	2.10	cps
Arsenic	75-2	632	719	789	713	11.06	cps
Barium	135-1	1300297	1291070	1300180	1297183	0.41	cps
Barium	137-1	2337929	2329384	2293936	2320416	1.01	cps
Beryllium	9-1	1289	1228	1406	1308	6.91	cps
Bismuth	209-1	4206683	4215286	4222251	4214740	0.19	cps
Bismuth	209-2	888638	892193	889315	890048	0.21	cps
Boron	10-1	358	392	325	358	9.30	cps
Boron	11-1	1525	1650	1458	1545	6.30	cps
Cadmium	111-1	1250	1341	1166	1252	6.97	cps
Cadmium	106-1	967	967	875	936	5.65	cps
Cadmium	108-1	100	83	96	93	9.32	cps
Calcium	43-1	677357	674873	676312	676181	0.18	cps
Calcium	44-1	11277962	11127654	11069838	11158485	0.96	cps
Chromium	52-2	9243	9193	8980	9139	1.53	cps
Cobalt	59-2	28386	27554	28319	28086	1.65	cps
Copper	63-2	27100	26779	26920	26933	0.60	cps
Dysprosium	156-1	60567	59804	60783	60385	0.85	cps
Dysprosium	156-2	11942	11622	11459	11674	2.11	cps
Erbium	164-1	46634	46417	46434	46495	0.26	cps
Erbium	164-2	7983	8069	8009	8020	0.55	cps
Gadolinium	160-1	59068	57829	57829	58242	1.23	cps
Gadolinium	160-2	14361	13891	14271	14175	1.76	cps
Holmium	165-1	6036447	6011971	6093959	6047459	0.70	cps
Holmium	165-2	1094183	1089677	1085600	1089820	0.39	cps
Indium	115-1	4532918	4495625	4469734	4499426	0.71	cps
Indium	115-2	166557	167452	167899	167303	0.41	cps
Iron	56-2	6837837	6865270	6843394	6848834	0.21	cps
Iron	57-2	171964	172206	169764	171312	0.79	cps
Lead	206-1	135223	135206	134949	135126	0.11	cps
Lead	207-1	108913	111255	109888	110019	1.07	cps
Lead	208-1	518119	521019	519384	519507	0.28	cps
Lithium	6-1	601300	594495	594292	596696	0.67	cps
Magnesium	24-2	161980	158744	158002	159575	1.33	cps
Manganese	55-2	985641	985428	977914	982994	0.45	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-16	Instrumnet Name :	P8
Client Sample ID :	MF6A49	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:03:41	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14445	13808	14133	14129	2.26	cps
Molybdenum	95-1	1975	2159	2275	2136	7.08	cps
Molybdenum	96-1	4626	4209	4451	4429	4.73	cps
Molybdenum	97-1	1275	1050	1358	1228	12.99	cps
Molybdenum	98-1	3459	3292	2767	3173	11.38	cps
Neodymium	150-1	101524	99656	99979	100386	0.99	cps
Neodymium	150-2	12366	11992	11679	12012	2.86	cps
Nickel	60-2	12980	12889	12713	12861	1.06	cps
Phosphorus	31-2	75	100	100	92	15.75	cps
Potassium	39-2	14767	14825	15409	15000	2.37	cps
Rhodium	103-1	4092755	4084514	4075405	4084225	0.21	cps
Rhodium	103-2	965252	969646	961938	965612	0.40	cps
Scandium	45-1	2231249	2180540	2179418	2197069	1.35	cps
Scandium	45-2	16006	16016	16043	16022	0.12	cps
Selenium	77-2	40	47	37	41	12.39	cps
Selenium	78-2	24	26	17	22	22.04	cps
Selenium	82-1	56	-1	25	27	105.85	cps
Silicon	28-1	3494203	3614284	3437311	3515266	2.57	cps
Silver	109-1	758	583	708	683	13.19	cps
Silver	107-1	758	792	908	820	9.61	cps
Sodium	23-2	28646	29690	29565	29300	1.95	cps
Strontium	86-1	157870	157053	155240	156721	0.86	cps
Strontium	88-1	1353888	1348489	1349490	1350622	0.21	cps
Sulfur	34-1	252813	255308	250779	252967	0.90	cps
Terbium	159-1	6195501	6199183	6249707	6214797	0.49	cps
Terbium	159-2	1043625	1041132	1041688	1042148	0.13	cps
Thallium	203-1	1592	1600	1684	1625	3.12	cps
Thallium	205-1	3417	3834	3642	3631	5.74	cps
Tin	118-1	4759	5251	5268	5093	5.67	cps
Titanium	47-1	19350	16953	16152	17485	9.52	cps
Uranium	238-1	41921	43870	43142	42978	2.29	cps
Vanadium	51-2	11985	12145	11758	11963	1.63	cps
Yttrium	89-1	5134554	5075597	5113677	5107942	0.59	cps
Yttrium	89-2	136329	136658	136194	136394	0.18	cps
Zinc	66-2	6158	6292	6435	6295	2.20	cps
Zirconium	90-1	33567	34637	33893	34033	1.61	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-16	Instrumnet Name :	P8
Client Sample ID :	MF6A49	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:03:41	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7344	7519	7920	7594	3.88	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-17	Instrumnet Name :	P8
Client Sample ID :	MF6A50	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:06:51	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62933	62673	63242	62949	0.45	cps
Antimony	121-1	2175	2400	2184	2253	5.66	cps
Arsenic	75-2	1404	1432	1476	1437	2.54	cps
Barium	135-1	823337	825486	818368	822397	0.44	cps
Barium	137-1	1431541	1420174	1436455	1429390	0.58	cps
Beryllium	9-1	1650	1572	1539	1587	3.59	cps
Bismuth	209-1	4175955	4229625	4185542	4197041	0.68	cps
Bismuth	209-2	883605	885230	861819	876885	1.49	cps
Boron	10-1	417	417	458	431	5.59	cps
Boron	11-1	1900	1967	1984	1950	2.26	cps
Cadmium	111-1	697	699	766	721	5.46	cps
Cadmium	106-1	800	875	867	847	4.85	cps
Cadmium	108-1	63	67	79	69	12.49	cps
Calcium	43-1	515499	514249	518618	516122	0.44	cps
Calcium	44-1	8539249	8584090	8537052	8553464	0.31	cps
Chromium	52-2	12322	12556	11765	12214	3.33	cps
Cobalt	59-2	22612	22118	22298	22343	1.12	cps
Copper	63-2	37200	37815	37701	37572	0.87	cps
Dysprosium	156-1	39728	39302	40179	39736	1.10	cps
Dysprosium	156-2	7656	7459	7382	7499	1.88	cps
Erbium	164-1	28332	28850	28073	28418	1.39	cps
Erbium	164-2	5114	4941	4934	4997	2.04	cps
Gadolinium	160-1	36803	37747	37898	37483	1.58	cps
Gadolinium	160-2	8780	8943	8913	8879	0.98	cps
Holmium	165-1	5957864	5949020	6061869	5989584	1.05	cps
Holmium	165-2	1082289	1084206	1052037	1072844	1.68	cps
Indium	115-1	4453592	4437567	4411191	4434117	0.48	cps
Indium	115-2	165375	167147	163764	165429	1.02	cps
Iron	56-2	10430903	10493091	10476966	10466987	0.31	cps
Iron	57-2	264005	265878	262267	264050	0.68	cps
Lead	206-1	184402	188584	185118	186035	1.20	cps
Lead	207-1	150553	153366	149718	151212	1.26	cps
Lead	208-1	716095	724243	715408	718582	0.68	cps
Lithium	6-1	589725	595361	594529	593205	0.51	cps
Magnesium	24-2	236597	236991	236452	236680	0.12	cps
Manganese	55-2	102391	102221	101277	101963	0.59	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-17	Instrumnet Name :	P8
Client Sample ID :	MF6A50	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:06:51	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13168	12840	11839	12616	5.49	cps
Molybdenum	95-1	2850	3184	2942	2992	5.76	cps
Molybdenum	96-1	5185	5076	5101	5121	1.11	cps
Molybdenum	97-1	1600	1734	1900	1745	8.62	cps
Molybdenum	98-1	4618	4668	4409	4565	3.00	cps
Neodymium	150-1	63085	63735	67386	64735	3.58	cps
Neodymium	150-2	7892	7682	7439	7671	2.96	cps
Nickel	60-2	15332	15866	15312	15503	2.03	cps
Phosphorus	31-2	158	158	200	172	13.97	cps
Potassium	39-2	22160	23011	22661	22611	1.89	cps
Rhodium	103-1	4034665	4021996	3986826	4014495	0.62	cps
Rhodium	103-2	957127	957759	940198	951695	1.05	cps
Scandium	45-1	2161439	2131902	2177440	2156927	1.07	cps
Scandium	45-2	16003	15225	15929	15719	2.73	cps
Selenium	77-2	27	27	17	23	24.74	cps
Selenium	78-2	11	11	6	9	34.60	cps
Selenium	82-1	0	-14	-4	-6	-112.64	cps
Silicon	28-1	3459786	3535264	3459701	3484917	1.25	cps
Silver	109-1	267	408	325	333	21.36	cps
Silver	107-1	350	517	467	444	19.24	cps
Sodium	23-2	26467	26267	26250	26328	0.46	cps
Strontium	86-1	153614	153406	152885	153302	0.24	cps
Strontium	88-1	1334040	1326224	1334396	1331553	0.35	cps
Sulfur	34-1	250245	252431	250438	251038	0.48	cps
Terbium	159-1	6129944	6128996	6125981	6128307	0.03	cps
Terbium	159-2	1028478	1038636	1020909	1029341	0.86	cps
Thallium	203-1	1734	1859	2009	1867	7.38	cps
Thallium	205-1	4234	4326	4501	4354	3.11	cps
Tin	118-1	5918	6335	6252	6168	3.58	cps
Titanium	47-1	21802	21128	28630	23853	17.40	cps
Uranium	238-1	65138	64367	64191	64565	0.78	cps
Vanadium	51-2	16283	16333	16246	16287	0.27	cps
Yttrium	89-1	4724410	4778868	4773054	4758777	0.63	cps
Yttrium	89-2	128219	128117	125594	127310	1.17	cps
Zinc	66-2	8296	8356	7999	8217	2.33	cps
Zirconium	90-1	28665	29842	30001	29503	2.47	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-17	Instrumnet Name :	P8
Client Sample ID :	MF6A50	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:06:51	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6735	6910	6444	6696	3.52	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-18	Instrumnet Name :	P8
Client Sample ID :	MF6A51	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:10:01	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44964	43894	44697	44518	1.25	cps
Antimony	121-1	1992	2100	1967	2020	3.51	cps
Arsenic	75-2	572	611	635	606	5.24	cps
Barium	135-1	1904057	1889387	1929818	1907754	1.07	cps
Barium	137-1	3296542	3315962	3301469	3304658	0.31	cps
Beryllium	9-1	1145	1100	1239	1161	6.11	cps
Bismuth	209-1	4143671	4186666	4166427	4165588	0.52	cps
Bismuth	209-2	882386	877165	875374	878308	0.41	cps
Boron	10-1	858	842	900	867	3.47	cps
Boron	11-1	3792	4109	4401	4101	7.42	cps
Cadmium	111-1	854	811	804	823	3.29	cps
Cadmium	106-1	908	850	867	875	3.43	cps
Cadmium	108-1	79	83	38	67	38.02	cps
Calcium	43-1	1190465	1187320	1180405	1186063	0.43	cps
Calcium	44-1	19476492	19507024	19359361	19447626	0.40	cps
Chromium	52-2	12693	12392	12489	12525	1.22	cps
Cobalt	59-2	15399	15072	15122	15197	1.16	cps
Copper	63-2	27818	27711	26956	27495	1.71	cps
Dysprosium	156-1	31890	31965	31681	31845	0.46	cps
Dysprosium	156-2	5791	6011	6182	5995	3.26	cps
Erbium	164-1	23280	23823	23656	23586	1.18	cps
Erbium	164-2	3944	4081	4267	4097	3.96	cps
Gadolinium	160-1	30136	29626	30603	30122	1.62	cps
Gadolinium	160-2	7269	7449	7346	7354	1.23	cps
Holmium	165-1	5996883	5933921	6012765	5981190	0.70	cps
Holmium	165-2	1077432	1067238	1077236	1073969	0.54	cps
Indium	115-1	4427476	4440800	4435601	4434626	0.15	cps
Indium	115-2	167487	163540	168308	166445	1.53	cps
Iron	56-2	6356831	6239573	6175435	6257280	1.47	cps
Iron	57-2	158552	157047	158260	157953	0.51	cps
Lead	206-1	861858	854717	855060	857212	0.47	cps
Lead	207-1	700186	699472	704729	701462	0.41	cps
Lead	208-1	3376003	3374464	3372457	3374308	0.05	cps
Lithium	6-1	586106	584148	587310	585855	0.27	cps
Magnesium	24-2	182853	182844	180337	182011	0.80	cps
Manganese	55-2	119075	118104	117824	118335	0.55	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-18	Instrumnet Name :	P8
Client Sample ID :	MF6A51	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:10:01	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18097	19098	17729	18308	3.87	cps
Molybdenum	95-1	2559	2525	2567	2550	0.86	cps
Molybdenum	96-1	5618	5868	5568	5685	2.83	cps
Molybdenum	97-1	1709	1734	1383	1609	12.14	cps
Molybdenum	98-1	4134	4017	3942	4031	2.40	cps
Neodymium	150-1	53202	50979	51562	51914	2.22	cps
Neodymium	150-2	6102	6142	5945	6063	1.72	cps
Nickel	60-2	9420	9390	9247	9352	0.99	cps
Phosphorus	31-2	125	225	233	194	31.00	cps
Potassium	39-2	15910	15125	14667	15234	4.13	cps
Rhodium	103-1	3994427	4012572	4027838	4011613	0.42	cps
Rhodium	103-2	949711	948262	950617	949530	0.13	cps
Scandium	45-1	2156080	2152004	2169487	2159190	0.42	cps
Scandium	45-2	15492	15756	15329	15525	1.39	cps
Selenium	77-2	13	23	17	18	28.64	cps
Selenium	78-2	22	9	13	15	45.07	cps
Selenium	82-1	81	19	35	45	72.16	cps
Silicon	28-1	4367104	4171818	4069105	4202676	3.60	cps
Silver	109-1	492	525	625	547	12.68	cps
Silver	107-1	600	608	583	597	2.13	cps
Sodium	23-2	27853	27295	28237	27795	1.71	cps
Strontium	86-1	432081	428911	431185	430725	0.38	cps
Strontium	88-1	3862404	3770079	3803327	3811937	1.23	cps
Sulfur	34-1	262655	264029	265711	264132	0.58	cps
Terbium	159-1	6139560	6137944	6094538	6124014	0.42	cps
Terbium	159-2	1034656	1022002	1025348	1027335	0.64	cps
Thallium	203-1	1842	1558	1650	1684	8.59	cps
Thallium	205-1	4034	4059	4018	4037	0.52	cps
Tin	118-1	5551	5101	5418	5357	4.32	cps
Titanium	47-1	60333	61905	74156	65465	11.56	cps
Uranium	238-1	32485	32201	31182	31956	2.15	cps
Vanadium	51-2	10654	10818	10671	10714	0.84	cps
Yttrium	89-1	4785070	4720896	4735690	4747219	0.71	cps
Yttrium	89-2	128191	126667	126775	127211	0.67	cps
Zinc	66-2	7409	7265	7395	7357	1.08	cps
Zirconium	90-1	43579	45636	43145	44120	3.02	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-18	Instrumnet Name :	P8
Client Sample ID :	MF6A51	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:10:01	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	9671	10029	10021	9907	2.07	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-19	Instrumnet Name :	P8
Client Sample ID :	MF6A52	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:13:10	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29891	29072	29757	29573	1.48	cps
Antimony	121-1	1592	1767	1934	1764	9.69	cps
Arsenic	75-2	237	174	194	202	15.92	cps
Barium	135-1	478789	471070	473581	474480	0.83	cps
Barium	137-1	826597	824949	827161	826236	0.14	cps
Beryllium	9-1	844	794	822	820	3.05	cps
Bismuth	209-1	4096685	4063816	4105219	4088573	0.53	cps
Bismuth	209-2	776586	863666	879996	840083	6.62	cps
Boron	10-1	400	392	383	392	2.13	cps
Boron	11-1	1608	1842	1817	1756	7.30	cps
Cadmium	111-1	632	437	550	540	18.15	cps
Cadmium	106-1	1017	608	858	828	24.87	cps
Cadmium	108-1	42	75	38	51	39.99	cps
Calcium	43-1	1668669	1669300	1687439	1675136	0.64	cps
Calcium	44-1	26955576	26858536	26771851	26861987	0.34	cps
Chromium	52-2	6438	6678	6602	6573	1.87	cps
Cobalt	59-2	10130	9960	9987	10026	0.91	cps
Copper	63-2	19821	19604	19491	19638	0.85	cps
Dysprosium	156-1	28281	28056	28023	28120	0.50	cps
Dysprosium	156-2	5765	5308	5408	5493	4.37	cps
Erbium	164-1	23030	23439	23389	23286	0.96	cps
Erbium	164-2	4161	3717	4027	3968	5.73	cps
Gadolinium	160-1	26628	27096	26812	26845	0.88	cps
Gadolinium	160-2	6635	6408	6505	6516	1.75	cps
Holmium	165-1	5929646	5857982	5957962	5915197	0.87	cps
Holmium	165-2	955188	1061097	1076321	1030869	6.40	cps
Indium	115-1	4422491	4429172	4378435	4410033	0.63	cps
Indium	115-2	147441	164030	166581	159350	6.52	cps
Iron	56-2	4602369	4550154	4530228	4560917	0.82	cps
Iron	57-2	114427	115133	112433	113998	1.23	cps
Lead	206-1	95473	92440	94851	94255	1.70	cps
Lead	207-1	78906	76770	78682	78119	1.50	cps
Lead	208-1	368543	363922	367726	366730	0.67	cps
Lithium	6-1	582597	589626	588883	587035	0.66	cps
Magnesium	24-2	202056	201375	202350	201927	0.25	cps
Manganese	55-2	71526	70302	69676	70501	1.33	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-19	Instrumnet Name :	P8
Client Sample ID :	MF6A52	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:13:10	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17045	16920	16544	16836	1.55	cps
Molybdenum	95-1	658	617	500	592	13.87	cps
Molybdenum	96-1	3717	3426	3434	3526	4.71	cps
Molybdenum	97-1	383	400	292	358	16.28	cps
Molybdenum	98-1	892	1100	1008	1000	10.44	cps
Neodymium	150-1	43674	43144	43306	43375	0.63	cps
Neodymium	150-2	5131	4961	5108	5067	1.82	cps
Nickel	60-2	7969	7519	7729	7739	2.91	cps
Phosphorus	31-2	200	167	142	169	17.27	cps
Potassium	39-2	11555	11297	11897	11583	2.60	cps
Rhodium	103-1	3929071	3973843	3959686	3954200	0.58	cps
Rhodium	103-2	839789	925750	940419	901986	6.03	cps
Scandium	45-1	2150146	2104531	2126123	2126933	1.07	cps
Scandium	45-2	13730	15122	14871	14574	5.09	cps
Selenium	77-2	3	23	20	16	68.90	cps
Selenium	78-2	4	7	7	6	34.70	cps
Selenium	82-1	8	70	72	50	73.30	cps
Silicon	28-1	3038053	3272567	3108163	3139594	3.83	cps
Silver	109-1	242	525	267	344	45.54	cps
Silver	107-1	308	425	333	356	17.28	cps
Sodium	23-2	19631	18463	19472	19189	3.30	cps
Strontium	86-1	225712	225972	225871	225852	0.06	cps
Strontium	88-1	1983140	1999620	1983889	1988883	0.47	cps
Sulfur	34-1	262579	263437	262427	262814	0.21	cps
Terbium	159-1	6092675	6078634	6087614	6086308	0.12	cps
Terbium	159-2	912896	1006728	1031201	983608	6.35	cps
Thallium	203-1	1292	1392	1375	1353	3.96	cps
Thallium	205-1	3267	3109	3242	3206	2.66	cps
Tin	118-1	3384	2934	3234	3184	7.20	cps
Titanium	47-1	32330	30535	32097	31654	3.08	cps
Uranium	238-1	17221	17046	17404	17224	1.04	cps
Vanadium	51-2	7329	7499	7639	7489	2.07	cps
Yttrium	89-1	4706450	4683781	4700487	4696906	0.25	cps
Yttrium	89-2	114239	125211	127091	122180	5.68	cps
Zinc	66-2	4367	4241	4274	4294	1.53	cps
Zirconium	90-1	44591	46431	45979	45667	2.10	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-19	Instrumnet Name :	P8
Client Sample ID :	MF6A52	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:13:10	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10413	10196	9712	10107	3.55	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-20	Instrumnet Name :	P8
Client Sample ID :	MF6A53	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:16:21	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50792	50775	51737	51101	1.08	cps
Antimony	121-1	1900	1892	1525	1772	12.08	cps
Arsenic	75-2	961	939	885	928	4.20	cps
Barium	135-1	592079	591839	591185	591701	0.08	cps
Barium	137-1	1049707	1040340	1037626	1042558	0.61	cps
Beryllium	9-1	1322	1283	1222	1276	3.95	cps
Bismuth	209-1	4172034	4173216	4115988	4153746	0.79	cps
Bismuth	209-2	864974	871176	881819	872656	0.98	cps
Boron	10-1	625	767	858	750	15.67	cps
Boron	11-1	3409	3301	3701	3470	5.96	cps
Cadmium	111-1	751	784	745	760	2.74	cps
Cadmium	106-1	808	908	875	864	5.89	cps
Cadmium	108-1	79	54	67	67	18.75	cps
Calcium	43-1	414596	418299	421019	417971	0.77	cps
Calcium	44-1	6920894	6867067	6923066	6903676	0.46	cps
Chromium	52-2	11111	11311	11291	11238	0.98	cps
Cobalt	59-2	17815	17725	18322	17954	1.79	cps
Copper	63-2	20886	20769	20729	20795	0.39	cps
Dysprosium	156-1	48733	49503	48893	49043	0.83	cps
Dysprosium	156-2	9514	9343	9320	9392	1.12	cps
Erbium	164-1	34472	35625	34697	34931	1.75	cps
Erbium	164-2	6005	6001	5761	5923	2.36	cps
Gadolinium	160-1	47278	46994	46133	46802	1.27	cps
Gadolinium	160-2	11439	11515	11459	11471	0.35	cps
Holmium	165-1	5936586	5963020	5973670	5957759	0.32	cps
Holmium	165-2	1070049	1069550	1075351	1071650	0.30	cps
Indium	115-1	4405658	4393754	4393396	4397602	0.16	cps
Indium	115-2	163583	162316	164010	163303	0.54	cps
Iron	56-2	9035401	9024073	9021743	9027073	0.08	cps
Iron	57-2	227099	226247	228210	227185	0.43	cps
Lead	206-1	133073	134308	132125	133169	0.82	cps
Lead	207-1	112309	109390	109390	110363	1.53	cps
Lead	208-1	520931	520034	515161	518709	0.60	cps
Lithium	6-1	589970	588432	588609	589004	0.14	cps
Magnesium	24-2	290640	288376	290122	289713	0.41	cps
Manganese	55-2	80490	81164	80832	80829	0.42	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-20	Instrumnet Name :	P8
Client Sample ID :	MF6A53	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:16:21	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14817	14633	14350	14600	1.61	cps
Molybdenum	95-1	792	758	692	747	6.81	cps
Molybdenum	96-1	3242	3551	3226	3339	5.48	cps
Molybdenum	97-1	492	575	408	492	16.95	cps
Molybdenum	98-1	1125	1067	1167	1120	4.49	cps
Neodymium	150-1	80835	80714	81854	81134	0.77	cps
Neodymium	150-2	9510	9657	9410	9526	1.30	cps
Nickel	60-2	13206	13420	13480	13369	1.08	cps
Phosphorus	31-2	175	150	208	178	16.46	cps
Potassium	39-2	23278	23036	23855	23390	1.80	cps
Rhodium	103-1	3952902	4060338	3997883	4003708	1.35	cps
Rhodium	103-2	940003	942148	944848	942333	0.26	cps
Scandium	45-1	2140703	2124222	2115207	2126711	0.61	cps
Scandium	45-2	14835	14845	15165	14948	1.26	cps
Selenium	77-2	27	50	37	38	30.98	cps
Selenium	78-2	33	15	24	24	38.47	cps
Selenium	82-1	90	58	72	73	22.31	cps
Silicon	28-1	3442345	3508894	3868223	3606487	6.35	cps
Silver	109-1	433	458	325	406	17.48	cps
Silver	107-1	467	525	400	464	13.48	cps
Sodium	23-2	25741	26134	25749	25874	0.87	cps
Strontium	86-1	170991	170341	170180	170504	0.25	cps
Strontium	88-1	1515641	1526508	1510526	1517558	0.54	cps
Sulfur	34-1	253577	251016	252306	252300	0.51	cps
Terbium	159-1	6064603	6062847	6104574	6077341	0.39	cps
Terbium	159-2	1023290	1022538	1021196	1022342	0.10	cps
Thallium	203-1	1700	1542	1559	1600	5.44	cps
Thallium	205-1	3817	3767	3601	3729	3.04	cps
Tin	118-1	4901	5085	5410	5132	5.02	cps
Titanium	47-1	29248	28388	28956	28864	1.52	cps
Uranium	238-1	19149	18890	19475	19171	1.53	cps
Vanadium	51-2	8880	8730	8813	8807	0.85	cps
Yttrium	89-1	4805898	4771421	4744859	4774059	0.64	cps
Yttrium	89-2	127417	128033	128299	127917	0.35	cps
Zinc	66-2	6108	6195	6372	6225	2.16	cps
Zirconium	90-1	38581	40111	39158	39283	1.97	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-20	Instrumnet Name :	P8
Client Sample ID :	MF6A53	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:16:21	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	9079	9028	9204	9103	0.99	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-21	Instrumnet Name :	P8
Client Sample ID :	MF6A54	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:19:31	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37150	38177	36364	37230	2.44	cps
Antimony	121-1	2059	2159	1892	2036	6.62	cps
Arsenic	75-2	761	824	761	782	4.65	cps
Barium	135-1	1335272	1331658	1336489	1334473	0.19	cps
Barium	137-1	2381460	2408782	2369759	2386667	0.84	cps
Beryllium	9-1	922	883	933	913	2.88	cps
Bismuth	209-1	4147394	4210815	4210733	4189647	0.87	cps
Bismuth	209-2	867987	879967	888162	878705	1.15	cps
Boron	10-1	667	850	733	750	12.37	cps
Boron	11-1	3442	3209	3384	3345	3.63	cps
Cadmium	111-1	867	820	685	791	11.93	cps
Cadmium	106-1	950	900	700	850	15.56	cps
Cadmium	108-1	67	75	58	67	12.50	cps
Calcium	43-1	479074	478023	480558	479218	0.27	cps
Calcium	44-1	7807818	7929756	7892178	7876584	0.79	cps
Chromium	52-2	15866	15629	15929	15808	1.00	cps
Cobalt	59-2	12546	12723	12709	12659	0.78	cps
Copper	63-2	27534	27197	27517	27416	0.69	cps
Dysprosium	156-1	35841	34689	35617	35382	1.73	cps
Dysprosium	156-2	6969	6949	6612	6843	2.93	cps
Erbium	164-1	27873	27021	28607	27833	2.85	cps
Erbium	164-2	4971	4931	4961	4954	0.42	cps
Gadolinium	160-1	34296	34681	34438	34472	0.56	cps
Gadolinium	160-2	8219	7836	7929	7995	2.50	cps
Holmium	165-1	5901353	5991292	5962139	5951595	0.77	cps
Holmium	165-2	1058900	1078893	1083195	1073663	1.21	cps
Indium	115-1	4433199	4399894	4406303	4413132	0.40	cps
Indium	115-2	161289	164557	165076	163641	1.25	cps
Iron	56-2	6878909	6907765	6851729	6879468	0.41	cps
Iron	57-2	174996	173629	171300	173308	1.08	cps
Lead	206-1	361234	362962	364967	363055	0.51	cps
Lead	207-1	299839	298368	298477	298895	0.27	cps
Lead	208-1	1398176	1401022	1403914	1401037	0.20	cps
Lithium	6-1	582470	583801	583489	583253	0.12	cps
Magnesium	24-2	147422	146027	148829	147426	0.95	cps
Manganese	55-2	92259	92879	91373	92170	0.82	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-21	Instrumnet Name :	P8
Client Sample ID :	MF6A54	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:19:31	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18163	18180	18372	18238	0.64	cps
Molybdenum	95-1	10354	10738	11405	10833	4.91	cps
Molybdenum	96-1	13991	13991	13791	13924	0.83	cps
Molybdenum	97-1	6735	7061	6727	6841	2.78	cps
Molybdenum	98-1	17362	17621	16452	17145	3.58	cps
Neodymium	150-1	57011	56462	56831	56768	0.49	cps
Neodymium	150-2	6505	6542	6345	6464	1.62	cps
Nickel	60-2	8830	8673	8796	8766	0.94	cps
Phosphorus	31-2	183	208	125	172	24.83	cps
Potassium	39-2	15426	14842	15301	15189	2.02	cps
Rhodium	103-1	3978648	3929574	3953823	3954015	0.62	cps
Rhodium	103-2	931104	950022	945059	942062	1.04	cps
Scandium	45-1	2066133	2095661	2088478	2083424	0.74	cps
Scandium	45-2	14337	14955	14651	14648	2.11	cps
Selenium	77-2	40	23	13	26	52.73	cps
Selenium	78-2	22	30	19	23	24.12	cps
Selenium	82-1	339	350	354	348	2.16	cps
Silicon	28-1	4375575	3822984	4090304	4096288	6.75	cps
Silver	109-1	1075	1175	942	1064	11.00	cps
Silver	107-1	1233	1250	1158	1214	4.02	cps
Sodium	23-2	24772	24714	25089	24859	0.81	cps
Strontium	86-1	255071	254149	259585	256268	1.14	cps
Strontium	88-1	2273311	2243473	2262375	2259719	0.67	cps
Sulfur	34-1	259789	257436	256851	258026	0.60	cps
Terbium	159-1	6028874	6076232	6107126	6070744	0.65	cps
Terbium	159-2	1015685	1027038	1031261	1024661	0.79	cps
Thallium	203-1	1517	1650	1617	1595	4.35	cps
Thallium	205-1	4084	3426	3967	3826	9.19	cps
Tin	118-1	5185	4901	4743	4943	4.53	cps
Titanium	47-1	50033	49390	51396	50273	2.04	cps
Uranium	238-1	24918	25068	23857	24614	2.68	cps
Vanadium	51-2	10257	9727	9904	9963	2.71	cps
Yttrium	89-1	4695758	4696435	4687445	4693213	0.11	cps
Yttrium	89-2	124909	124643	126718	125423	0.90	cps
Zinc	66-2	5911	5645	5901	5819	2.60	cps
Zirconium	90-1	34061	33426	35315	34267	2.81	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-21	Instrumnet Name :	P8
Client Sample ID :	MF6A54	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:19:31	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7061	7528	7544	7377	3.72	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-22	Instrumnet Name :	P8
Client Sample ID :	MF6A55	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:22:42	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25582	26643	25783	26003	2.17	cps
Antimony	121-1	1208	1250	1175	1211	3.10	cps
Arsenic	75-2	172	206	209	196	10.42	cps
Barium	135-1	434853	434001	435836	434897	0.21	cps
Barium	137-1	760093	757271	754304	757223	0.38	cps
Beryllium	9-1	667	667	611	648	4.95	cps
Bismuth	209-1	4162681	4148295	4160270	4157082	0.19	cps
Bismuth	209-2	876580	889068	883215	882954	0.71	cps
Boron	10-1	308	358	250	306	17.75	cps
Boron	11-1	1625	1650	1609	1628	1.29	cps
Cadmium	111-1	910	1000	960	957	4.72	cps
Cadmium	106-1	1017	933	992	981	4.36	cps
Cadmium	108-1	79	46	88	71	31.13	cps
Calcium	43-1	453449	449987	451578	451671	0.38	cps
Calcium	44-1	7382017	7385257	7454341	7407205	0.55	cps
Chromium	52-2	6101	6205	5968	6091	1.95	cps
Cobalt	59-2	9050	8663	8870	8861	2.19	cps
Copper	63-2	24341	24612	24792	24582	0.92	cps
Dysprosium	156-1	38809	39921	38483	39071	1.93	cps
Dysprosium	156-2	7866	7883	7572	7774	2.24	cps
Erbium	164-1	35951	35057	35441	35483	1.26	cps
Erbium	164-2	5915	6132	5808	5951	2.77	cps
Gadolinium	160-1	37664	37764	38692	38040	1.49	cps
Gadolinium	160-2	9277	9320	9374	9323	0.52	cps
Holmium	165-1	5921357	5928276	5891051	5913561	0.33	cps
Holmium	165-2	1064735	1081626	1074768	1073710	0.79	cps
Indium	115-1	4354058	4411426	4410767	4392084	0.75	cps
Indium	115-2	162652	164120	164153	163642	0.52	cps
Iron	56-2	4203692	4210477	4201801	4205323	0.11	cps
Iron	57-2	105193	105630	105037	105287	0.29	cps
Lead	206-1	90671	91634	91601	91302	0.60	cps
Lead	207-1	74680	73758	74658	74365	0.71	cps
Lead	208-1	351429	351031	349930	350797	0.22	cps
Lithium	6-1	573453	578617	579218	577096	0.55	cps
Magnesium	24-2	141227	142424	141437	141696	0.45	cps
Manganese	55-2	37931	38296	38145	38124	0.48	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-22	Instrumnet Name :	P8
Client Sample ID :	MF6A55	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:22:42	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15443	15960	16027	15810	2.02	cps
Molybdenum	95-1	300	225	208	244	19.98	cps
Molybdenum	96-1	2734	2900	2984	2873	4.43	cps
Molybdenum	97-1	158	142	200	167	18.03	cps
Molybdenum	98-1	425	300	400	375	17.64	cps
Neodymium	150-1	57533	57647	58490	57890	0.90	cps
Neodymium	150-2	6912	7115	6745	6924	2.68	cps
Nickel	60-2	7052	6992	7292	7112	2.23	cps
Phosphorus	31-2	133	150	233	172	31.11	cps
Potassium	39-2	14058	14300	14183	14180	0.85	cps
Rhodium	103-1	3925511	3958399	3980062	3954657	0.69	cps
Rhodium	103-2	948111	942677	940097	943628	0.43	cps
Scandium	45-1	2096526	2083007	2052751	2077428	1.08	cps
Scandium	45-2	15092	14918	14781	14930	1.04	cps
Selenium	77-2	30	37	20	29	29.04	cps
Selenium	78-2	15	6	19	13	51.49	cps
Selenium	82-1	81	9	81	57	72.90	cps
Silicon	28-1	3160420	3900387	3812823	3624543	11.16	cps
Silver	109-1	567	550	608	575	5.23	cps
Silver	107-1	542	592	658	597	9.80	cps
Sodium	23-2	17219	18146	17920	17762	2.72	cps
Strontium	86-1	116921	117123	116426	116824	0.31	cps
Strontium	88-1	1009869	1013170	1013203	1012081	0.19	cps
Sulfur	34-1	257829	257743	258147	257906	0.08	cps
Terbium	159-1	6060942	6041591	6059854	6054129	0.18	cps
Terbium	159-2	1016829	1031345	1023852	1024008	0.71	cps
Thallium	203-1	1650	1634	1342	1542	11.25	cps
Thallium	205-1	3934	3842	3826	3867	1.51	cps
Tin	118-1	2800	2875	3401	3025	10.81	cps
Titanium	47-1	39247	40295	42678	40740	4.31	cps
Uranium	238-1	28784	27506	27849	28046	2.36	cps
Vanadium	51-2	6262	6478	6525	6422	2.19	cps
Yttrium	89-1	4836710	4848617	4803419	4829582	0.49	cps
Yttrium	89-2	131698	129166	129453	130106	1.07	cps
Zinc	66-2	4404	4181	4444	4343	3.27	cps
Zirconium	90-1	46038	43086	43119	44081	3.85	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-22	Instrumnet Name :	P8
Client Sample ID :	MF6A55	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:22:42	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	9345	10004	9388	9579	3.85	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:25:52	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	169518	169721	169569	169602	0.06	cps
Antimony	121-1	3414775	3417145	3411871	3414597	0.08	cps
Arsenic	75-2	30554	30437	30946	30646	0.87	cps
Barium	135-1	3729154	3719332	3731380	3726622	0.17	cps
Barium	137-1	6443070	6482275	6418679	6448008	0.50	cps
Beryllium	9-1	320044	317506	316817	318122	0.53	cps
Bismuth	209-1	3941820	3932304	3917519	3930548	0.31	cps
Bismuth	209-2	844171	834993	832797	837321	0.72	cps
Boron	10-1	35461	36932	36322	36239	2.04	cps
Boron	11-1	167769	171116	175359	171415	2.22	cps
Cadmium	111-1	655477	651674	647934	651695	0.58	cps
Cadmium	106-1	68424	68290	69077	68597	0.61	cps
Cadmium	108-1	47099	47417	48467	47661	1.50	cps
Calcium	43-1	2974590	2961454	2946566	2960870	0.47	cps
Calcium	44-1	48166192	47974041	48190263	48110165	0.25	cps
Chromium	52-2	232807	233488	235331	233875	0.56	cps
Cobalt	59-2	509248	505360	510473	508360	0.53	cps
Copper	63-2	869487	868851	868633	868991	0.05	cps
Dysprosium	156-1	83	17	33	44	78.07	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	67	58	42	56	22.91	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	5836889	5843068	5894837	5858265	0.54	cps
Holmium	165-2	1082212	1076349	1073229	1077263	0.42	cps
Indium	115-1	4205132	4245733	4192357	4214407	0.66	cps
Indium	115-2	160479	158757	159490	159575	0.54	cps
Iron	56-2	38988801	38698268	38967119	38884729	0.42	cps
Iron	57-2	980732	980480	989902	983704	0.55	cps
Lead	206-1	2445860	2428327	2430787	2434991	0.39	cps
Lead	207-1	2269635	2254485	2251423	2258514	0.43	cps
Lead	208-1	10103574	10051942	10091062	10082193	0.27	cps
Lithium	6-1	559947	564745	563073	562588	0.43	cps
Magnesium	24-2	4065439	4069811	4045669	4060307	0.32	cps
Manganese	55-2	134070	134230	132680	133660	0.64	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:25:52	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5504648	5428261	5368652	5433854	1.25	cps
Molybdenum	95-1	6649442	6710244	6708035	6689241	0.52	cps
Molybdenum	96-1	7513885	7469818	7467162	7483622	0.35	cps
Molybdenum	97-1	4182459	4171683	4134236	4162793	0.61	cps
Molybdenum	98-1	10795618	10841238	10776816	10804557	0.31	cps
Neodymium	150-1	173	133	193	167	18.33	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	146922	147983	147902	147602	0.40	cps
Phosphorus	31-2	2392	2367	2334	2364	1.24	cps
Potassium	39-2	1124054	1119470	1125471	1122998	0.28	cps
Rhodium	103-1	3752666	3742824	3796338	3763943	0.76	cps
Rhodium	103-2	907238	899606	897036	901293	0.59	cps
Scandium	45-1	2107493	2095481	2088144	2097040	0.47	cps
Scandium	45-2	15258	15669	15342	15423	1.41	cps
Selenium	77-2	187	177	210	191	8.95	cps
Selenium	78-2	778	739	702	740	5.13	cps
Selenium	82-1	39673	39517	39777	39656	0.33	cps
Silicon	28-1	1350415	1348809	1372044	1357089	0.96	cps
Silver	109-1	3190634	3224812	3164383	3193276	0.95	cps
Silver	107-1	3367771	3346746	3306559	3340359	0.93	cps
Sodium	23-2	9407215	9367832	9376939	9383995	0.22	cps
Strontium	86-1	845955	853656	852448	850687	0.49	cps
Strontium	88-1	7441065	7340854	7353006	7378308	0.74	cps
Sulfur	34-1	425262	425604	424869	425245	0.09	cps
Terbium	159-1	5984950	5940241	5997495	5974229	0.50	cps
Terbium	159-2	1028750	1026426	1014781	1023319	0.73	cps
Thallium	203-1	2983700	3017061	3024246	3008336	0.72	cps
Thallium	205-1	7101892	7126142	7105299	7111111	0.18	cps
Tin	118-1	2327509	2326161	2346624	2333432	0.49	cps
Titanium	47-1	1520294	1516514	1517011	1517940	0.14	cps
Uranium	238-1	10266831	10187099	10324489	10259473	0.67	cps
Vanadium	51-2	178120	178973	177673	178255	0.37	cps
Yttrium	89-1	4351173	4376390	4398024	4375196	0.54	cps
Yttrium	89-2	119019	119470	117850	118780	0.70	cps
Zinc	66-2	78172	78678	78360	78403	0.33	cps
Zirconium	90-1	4626130	4613999	4593866	4611332	0.35	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:25:52	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	989318	988412	982524	986751	0.37	cps

LB Number : LB92745 Operator : Jaswal
 Lab Sample ID : CCB029 Instrumnet Name : P8
 Client Sample ID : CCB029 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-18 16:33:50 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	0	3	173.21	cps
Antimony	121-1	1250	1092	1150	1164	6.88	cps
Arsenic	75-2	0	7	0	2	173.21	cps
Barium	135-1	33	50	17	33	50.00	cps
Barium	137-1	25	42	92	53	65.74	cps
Beryllium	9-1	139	111	156	135	16.61	cps
Bismuth	209-1	4078998	4092541	4043296	4071612	0.62	cps
Bismuth	209-2	880832	883029	886325	883395	0.31	cps
Boron	10-1	333	483	467	428	19.22	cps
Boron	11-1	2184	1684	1909	1925	13.01	cps
Cadmium	111-1	337	230	301	289	18.86	cps
Cadmium	106-1	825	508	658	664	23.86	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	583	450	533	522	12.90	cps
Calcium	44-1	9904	9979	9862	9915	0.60	cps
Chromium	52-2	173	180	177	177	1.88	cps
Cobalt	59-2	47	27	47	40	28.87	cps
Copper	63-2	160	107	117	128	22.18	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	8	25	42	25	66.68	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	5771240	5755892	5770903	5766012	0.15	cps
Holmium	165-2	1067228	1075059	1064620	1068969	0.51	cps
Indium	115-1	4404026	4351574	4383779	4379793	0.60	cps
Indium	115-2	170901	170722	169416	170346	0.48	cps
Iron	56-2	1800	2034	1811	1882	7.00	cps
Iron	57-2	22	61	72	52	50.64	cps
Lead	206-1	1033	945	972	983	4.62	cps
Lead	207-1	806	689	772	756	7.95	cps
Lead	208-1	3684	3606	3606	3632	1.24	cps
Lithium	6-1	578526	579753	582420	580233	0.34	cps
Magnesium	24-2	167	233	208	203	16.61	cps
Manganese	55-2	20	17	27	21	24.12	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:33:50	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	258	283	225	35.72	cps
Molybdenum	95-1	200	150	117	156	26.96	cps
Molybdenum	96-1	150	175	158	161	7.90	cps
Molybdenum	97-1	108	133	150	131	16.06	cps
Molybdenum	98-1	175	192	225	197	12.91	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	237	227	290	251	13.56	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1950	1734	1850	1845	5.88	cps
Rhodium	103-1	4000113	3950766	3982690	3977856	0.63	cps
Rhodium	103-2	963952	969150	957308	963470	0.62	cps
Scandium	45-1	2109702	2150420	2128760	2129627	0.96	cps
Scandium	45-2	15926	15599	15789	15771	1.04	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-1	-19	3	-6	-199.00	cps
Silicon	28-1	282091	281600	282269	281987	0.12	cps
Silver	109-1	75	117	133	108	27.74	cps
Silver	107-1	133	150	100	128	19.93	cps
Sodium	23-2	7152	6485	7377	7005	6.62	cps
Strontium	86-1	442	558	425	475	15.29	cps
Strontium	88-1	167	133	133	144	13.33	cps
Sulfur	34-1	273617	272157	274627	273467	0.45	cps
Terbium	159-1	5916712	5891590	5915011	5907771	0.24	cps
Terbium	159-2	1021814	1026283	1019273	1022457	0.35	cps
Thallium	203-1	492	425	433	450	8.07	cps
Thallium	205-1	1250	1150	1100	1167	6.55	cps
Tin	118-1	517	525	592	544	7.55	cps
Titanium	47-1	100	25	100	75	57.74	cps
Uranium	238-1	75	67	58	67	12.49	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Yttrium	89-1	4361138	4381070	4387740	4376649	0.32	cps
Yttrium	89-2	120690	122594	121733	121672	0.78	cps
Zinc	66-2	20	23	3	16	68.90	cps
Zirconium	90-1	242	433	392	356	28.35	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:33:50	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	100	92	89	14.33	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06	Instrumnet Name :	P8
Client Sample ID :	MF6A56	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:37:01	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63133	62949	62413	62832	0.59	cps
Antimony	121-1	1842	1942	2059	1947	5.57	cps
Arsenic	75-2	354	324	359	346	5.47	cps
Barium	135-1	760689	761154	756946	759596	0.30	cps
Barium	137-1	1308790	1328120	1314255	1317055	0.76	cps
Beryllium	9-1	1400	1450	1472	1441	2.57	cps
Bismuth	209-1	3786323	4013611	4119113	3973016	4.28	cps
Bismuth	209-2	884834	882095	881637	882855	0.20	cps
Boron	10-1	500	808	575	628	25.61	cps
Boron	11-1	3134	3109	3067	3103	1.09	cps
Cadmium	111-1	434	451	390	425	7.38	cps
Cadmium	106-1	867	850	758	825	7.07	cps
Cadmium	108-1	42	79	54	58	32.73	cps
Calcium	43-1	148384	148359	143199	146647	2.04	cps
Calcium	44-1	2488789	2474299	2453821	2472303	0.71	cps
Chromium	52-2	13307	13226	13036	13190	1.05	cps
Cobalt	59-2	20759	19914	20158	20277	2.14	cps
Copper	63-2	42823	42953	43752	43176	1.17	cps
Dysprosium	156-1	57142	56657	56071	56624	0.95	cps
Dysprosium	156-2	11051	10855	10958	10955	0.90	cps
Erbium	164-1	42445	41492	41852	41930	1.15	cps
Erbium	164-2	7245	7772	7409	7476	3.61	cps
Gadolinium	160-1	53913	51946	53837	53232	2.09	cps
Gadolinium	160-2	13123	13040	13197	13120	0.60	cps
Holmium	165-1	5465405	5806257	5910175	5727279	4.06	cps
Holmium	165-2	1089670	1083631	1088695	1087332	0.30	cps
Indium	115-1	4123060	4364183	4455513	4314252	3.98	cps
Indium	115-2	168677	170588	169606	169623	0.56	cps
Iron	56-2	8813012	8795659	8753193	8787288	0.35	cps
Iron	57-2	218439	218598	217319	218119	0.32	cps
Lead	206-1	145271	145591	144478	145113	0.39	cps
Lead	207-1	118246	118817	116261	117775	1.14	cps
Lead	208-1	556987	560205	558108	558433	0.29	cps
Lithium	6-1	546435	572520	579236	566064	3.06	cps
Magnesium	24-2	229997	232081	225862	229313	1.38	cps
Manganese	55-2	46681	46444	46069	46398	0.66	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06	Instrumnet Name :	P8
Client Sample ID :	MF6A56	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:37:01	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11689	11347	11614	11550	1.56	cps
Molybdenum	95-1	542	517	558	539	3.89	cps
Molybdenum	96-1	2800	2809	2442	2684	7.80	cps
Molybdenum	97-1	325	400	483	403	19.66	cps
Molybdenum	98-1	842	775	775	797	4.83	cps
Neodymium	150-1	93109	93035	89934	92026	1.97	cps
Neodymium	150-2	10945	10895	10858	10899	0.40	cps
Nickel	60-2	15275	15035	15135	15148	0.80	cps
Phosphorus	31-2	150	192	167	169	12.38	cps
Potassium	39-2	32004	31001	31252	31419	1.66	cps
Rhodium	103-1	3751933	4027838	4013326	3931033	3.95	cps
Rhodium	103-2	970913	974921	968564	971466	0.33	cps
Scandium	45-1	2068787	2168905	2189435	2142375	3.01	cps
Scandium	45-2	16276	16577	16363	16405	0.94	cps
Selenium	77-2	53	37	63	51	26.35	cps
Selenium	78-2	9	22	17	16	40.51	cps
Selenium	82-1	28	48	-8	23	125.13	cps
Silicon	28-1	3295395	3418600	3208794	3307596	3.19	cps
Silver	109-1	1342	1192	1233	1256	6.17	cps
Silver	107-1	1275	1333	1242	1283	3.62	cps
Sodium	23-2	26743	26542	27678	26988	2.25	cps
Strontium	86-1	118570	116149	115334	116685	1.44	cps
Strontium	88-1	1011307	1010954	1010130	1010797	0.06	cps
Sulfur	34-1	254679	256369	253337	254795	0.60	cps
Terbium	159-1	5646754	6000919	6077912	5908529	3.89	cps
Terbium	159-2	1037156	1037397	1037946	1037499	0.04	cps
Thallium	203-1	3126	3109	3401	3212	5.10	cps
Thallium	205-1	7603	7036	6861	7166	5.41	cps
Tin	118-1	5968	5768	5935	5890	1.82	cps
Titanium	47-1	32806	32965	32706	32826	0.40	cps
Uranium	238-1	19633	20067	19958	19886	1.14	cps
Vanadium	51-2	14418	14548	14131	14365	1.49	cps
Yttrium	89-1	4580561	4887425	4943704	4803897	4.07	cps
Yttrium	89-2	135157	136581	135461	135733	0.55	cps
Zinc	66-2	11045	10471	10414	10643	3.28	cps
Zirconium	90-1	31346	31053	30351	30917	1.65	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06	Instrumnet Name :	P8
Client Sample ID :	MF6A56	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:37:01	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6994	6577	6844	6805	3.10	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-23	Instrumnet Name :	P8
Client Sample ID :	MF6A56D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:40:11	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60823	61567	60865	61085	0.68	cps
Antimony	121-1	1834	1642	1725	1734	5.54	cps
Arsenic	75-2	365	350	348	354	2.58	cps
Barium	135-1	751097	743634	741944	745558	0.65	cps
Barium	137-1	1322284	1303376	1305815	1310492	0.78	cps
Beryllium	9-1	1400	1200	1261	1287	7.96	cps
Bismuth	209-1	4025550	4062950	4119464	4069321	1.16	cps
Bismuth	209-2	871738	881166	876770	876558	0.54	cps
Boron	10-1	592	600	592	594	0.81	cps
Boron	11-1	2967	2909	2875	2917	1.59	cps
Cadmium	111-1	396	441	443	427	6.26	cps
Cadmium	106-1	850	858	817	842	2.62	cps
Cadmium	108-1	75	75	42	64	30.12	cps
Calcium	43-1	148630	147399	147071	147700	0.56	cps
Calcium	44-1	2502660	2466941	2481165	2483589	0.72	cps
Chromium	52-2	13240	12916	12379	12845	3.39	cps
Cobalt	59-2	20095	20188	20045	20109	0.36	cps
Copper	63-2	42294	43702	42846	42947	1.65	cps
Dysprosium	156-1	56590	57544	56055	56730	1.33	cps
Dysprosium	156-2	11208	11178	11001	11129	1.00	cps
Erbium	164-1	42805	42479	42035	42440	0.91	cps
Erbium	164-2	7612	7606	7282	7500	2.52	cps
Gadolinium	160-1	54758	54465	54783	54668	0.32	cps
Gadolinium	160-2	13227	13210	13287	13241	0.31	cps
Holmium	165-1	5916016	5883904	5941242	5913721	0.49	cps
Holmium	165-2	1073861	1077124	1076434	1075806	0.16	cps
Indium	115-1	4368756	4400319	4406848	4391975	0.46	cps
Indium	115-2	169542	170587	169638	169922	0.34	cps
Iron	56-2	8573796	8580279	8575482	8576519	0.04	cps
Iron	57-2	214340	216341	215444	215375	0.47	cps
Lead	206-1	144041	143086	142439	143189	0.56	cps
Lead	207-1	115611	117389	116978	116659	0.80	cps
Lead	208-1	554372	550862	548789	551341	0.51	cps
Lithium	6-1	574680	577226	576457	576121	0.23	cps
Magnesium	24-2	227397	230244	225865	227835	0.98	cps
Manganese	55-2	46313	45651	46196	46054	0.77	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-23	Instrumnet Name :	P8
Client Sample ID :	MF6A56D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:40:11	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14000	14658	14083	14247	2.52	cps
Molybdenum	95-1	458	450	517	475	7.65	cps
Molybdenum	96-1	2984	3101	3201	3095	3.50	cps
Molybdenum	97-1	400	342	283	342	17.07	cps
Molybdenum	98-1	600	542	617	586	6.72	cps
Neodymium	150-1	92511	90397	92456	91788	1.31	cps
Neodymium	150-2	11408	10815	10915	11046	2.88	cps
Nickel	60-2	15138	15512	15369	15340	1.23	cps
Phosphorus	31-2	175	275	133	194	37.45	cps
Potassium	39-2	31102	31127	31035	31088	0.15	cps
Rhodium	103-1	3981444	3997558	3990846	3989949	0.20	cps
Rhodium	103-2	962779	969810	969147	967245	0.40	cps
Scandium	45-1	2201233	2189795	2191490	2194172	0.28	cps
Scandium	45-2	16099	16777	16320	16399	2.11	cps
Selenium	77-2	30	70	50	50	40.00	cps
Selenium	78-2	19	6	39	21	80.05	cps
Selenium	82-1	68	-8	-5	18	235.62	cps
Silicon	28-1	3218739	3157899	3100084	3158907	1.88	cps
Silver	109-1	1075	1292	1117	1161	9.90	cps
Silver	107-1	1192	1292	1108	1197	7.67	cps
Sodium	23-2	26884	27469	27152	27169	1.08	cps
Strontium	86-1	116972	117418	116729	117040	0.30	cps
Strontium	88-1	1012037	1015010	1010647	1012564	0.22	cps
Sulfur	34-1	253416	250768	248506	250897	0.98	cps
Terbium	159-1	5988256	6053318	6103142	6048239	0.95	cps
Terbium	159-2	1026425	1036387	1031390	1031400	0.48	cps
Thallium	203-1	2484	2359	2600	2481	4.87	cps
Thallium	205-1	6510	6310	6018	6280	3.94	cps
Tin	118-1	5677	5468	5318	5488	3.28	cps
Titanium	47-1	33575	33274	32564	33138	1.57	cps
Uranium	238-1	20151	19817	19641	19870	1.30	cps
Vanadium	51-2	14301	14585	14151	14345	1.54	cps
Yttrium	89-1	4896315	4962142	4957064	4938507	0.74	cps
Yttrium	89-2	135851	138066	136483	136800	0.83	cps
Zinc	66-2	10424	10761	10404	10530	1.90	cps
Zirconium	90-1	38923	38915	38815	38884	0.16	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-23	Instrumnet Name :	P8
Client Sample ID :	MF6A56D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:40:11	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8995	8570	8503	8689	3.07	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06LX5	Instrumnet Name :	P8
Client Sample ID :	MF6A56L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-18 16:43:22	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12206	11856	12506	12189	2.67	cps
Antimony	121-1	592	567	492	550	9.46	cps
Arsenic	75-2	63	78	52	64	20.26	cps
Barium	135-1	151137	149771	148946	149951	0.74	cps
Barium	137-1	260034	257767	260495	259432	0.56	cps
Beryllium	9-1	328	344	383	352	8.10	cps
Bismuth	209-1	4150706	4126335	4165631	4147558	0.48	cps
Bismuth	209-2	899579	895113	902666	899119	0.42	cps
Boron	10-1	408	233	367	336	27.20	cps
Boron	11-1	1459	1533	1475	1489	2.64	cps
Cadmium	111-1	370	324	343	346	6.72	cps
Cadmium	106-1	808	767	825	800	3.76	cps
Cadmium	108-1	17	29	17	21	34.64	cps
Calcium	43-1	29825	28973	28856	29218	1.81	cps
Calcium	44-1	491344	487651	488543	489179	0.39	cps
Chromium	52-2	2800	2780	2800	2794	0.41	cps
Cobalt	59-2	4117	3901	4057	4025	2.78	cps
Copper	63-2	8950	8746	8803	8833	1.19	cps
Dysprosium	156-1	11505	11914	11372	11597	2.44	cps
Dysprosium	156-2	1964	2154	2074	2064	4.62	cps
Erbium	164-1	8336	8211	7953	8167	2.39	cps
Erbium	164-2	1397	1520	1597	1505	6.71	cps
Gadolinium	160-1	10888	10947	10788	10874	0.74	cps
Gadolinium	160-2	2710	2644	2637	2664	1.52	cps
Holmium	165-1	6019074	5935792	5927025	5960631	0.85	cps
Holmium	165-2	1102631	1083996	1096443	1094357	0.87	cps
Indium	115-1	4567335	4482261	4456078	4501891	1.29	cps
Indium	115-2	174445	173397	172306	173383	0.62	cps
Iron	56-2	1804521	1785712	1788652	1792962	0.56	cps
Iron	57-2	43864	43831	44494	44063	0.85	cps
Lead	206-1	29390	28961	29017	29123	0.80	cps
Lead	207-1	23634	23812	24096	23847	0.98	cps
Lead	208-1	112776	113144	113858	113259	0.49	cps
Lithium	6-1	592904	586661	590150	589905	0.53	cps
Magnesium	24-2	45223	45089	46143	45485	1.26	cps
Manganese	55-2	9383	9507	9407	9432	0.69	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06LX5	Instrumnet Name :	P8
Client Sample ID :	MF6A56L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-18 16:43:22	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2192	2675	2142	2336	12.61	cps
Molybdenum	95-1	58	167	67	97	62.01	cps
Molybdenum	96-1	517	675	442	544	21.88	cps
Molybdenum	97-1	92	167	92	117	37.12	cps
Molybdenum	98-1	200	242	208	217	10.18	cps
Neodymium	150-1	17572	17659	17913	17715	1.00	cps
Neodymium	150-2	2174	2157	2117	2149	1.36	cps
Nickel	60-2	3394	3194	3270	3286	3.07	cps
Phosphorus	31-2	17	8	25	17	50.01	cps
Potassium	39-2	7661	8011	7177	7616	5.50	cps
Rhodium	103-1	4111748	4089414	4110240	4103801	0.30	cps
Rhodium	103-2	990047	975297	994871	986738	1.03	cps
Scandium	45-1	2208236	2232011	2193604	2211284	0.88	cps
Scandium	45-2	16537	15846	16436	16273	2.29	cps
Selenium	77-2	0	0	20	7	173.21	cps
Selenium	78-2	6	7	0	4	89.21	cps
Selenium	82-1	-9	9	36	12	188.08	cps
Silicon	28-1	1017385	1009228	1014857	1013823	0.41	cps
Silver	109-1	267	358	300	308	15.05	cps
Silver	107-1	300	308	300	303	1.59	cps
Sodium	23-2	11130	10838	11047	11005	1.37	cps
Strontium	86-1	23479	22995	23897	23457	1.92	cps
Strontium	88-1	200063	201316	199927	200435	0.38	cps
Sulfur	34-1	256998	252746	252390	254045	1.01	cps
Terbium	159-1	6135069	6109215	6040794	6095026	0.80	cps
Terbium	159-2	1052119	1040352	1056053	1049508	0.78	cps
Thallium	203-1	633	567	583	594	5.84	cps
Thallium	205-1	1584	1392	1675	1550	9.33	cps
Tin	118-1	1709	1450	1458	1539	9.54	cps
Titanium	47-1	6735	6443	6960	6713	3.86	cps
Uranium	238-1	3951	3759	3684	3798	3.62	cps
Vanadium	51-2	2830	2794	3064	2896	5.06	cps
Yttrium	89-1	4645781	4670660	4640982	4652474	0.34	cps
Yttrium	89-2	130159	126611	129743	128838	1.51	cps
Zinc	66-2	2140	2130	2140	2137	0.27	cps
Zirconium	90-1	6160	6302	6535	6332	2.99	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-06LX5	Instrumnet Name :	P8
Client Sample ID :	MF6A56L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-18 16:43:22	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1358	1575	1450	1461	7.44	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-24	Instrumnet Name :	P8
Client Sample ID :	MF6A56S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:46:34	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66992	65812	64966	65924	1.54	cps
Antimony	121-1	143420	141914	140962	142099	0.87	cps
Arsenic	75-2	939	909	935	928	1.74	cps
Barium	135-1	1402602	1397817	1378023	1392814	0.94	cps
Barium	137-1	2472377	2499086	2486880	2486115	0.54	cps
Beryllium	9-1	8069	8308	8130	8169	1.52	cps
Bismuth	209-1	4147089	4134740	4115941	4132590	0.38	cps
Bismuth	209-2	895954	901627	897156	898245	0.33	cps
Boron	10-1	633	592	617	614	3.42	cps
Boron	11-1	2675	2609	2600	2628	1.56	cps
Cadmium	111-1	14505	14267	14392	14388	0.83	cps
Cadmium	106-1	2250	2200	2250	2234	1.29	cps
Cadmium	108-1	992	1154	1029	1058	8.04	cps
Calcium	43-1	151308	154769	153867	153315	1.17	cps
Calcium	44-1	2576138	2579170	2590792	2582033	0.30	cps
Chromium	52-2	34195	34012	34446	34218	0.64	cps
Cobalt	59-2	134208	133586	135228	134341	0.62	cps
Copper	63-2	94112	94713	94227	94351	0.34	cps
Dysprosium	156-1	58859	59043	59478	59127	0.54	cps
Dysprosium	156-2	11455	11732	11562	11583	1.21	cps
Erbium	164-1	44226	44310	44962	44500	0.91	cps
Erbium	164-2	7759	7716	7919	7798	1.37	cps
Gadolinium	160-1	55979	55653	57887	56506	2.14	cps
Gadolinium	160-2	13854	13797	13921	13858	0.45	cps
Holmium	165-1	5998406	6005847	5924229	5976161	0.76	cps
Holmium	165-2	1111731	1119641	1106476	1112616	0.60	cps
Indium	115-1	4466111	4532514	4437789	4478805	1.09	cps
Indium	115-2	176551	175564	174060	175392	0.72	cps
Iron	56-2	9100182	9023264	9054665	9059370	0.43	cps
Iron	57-2	228881	228690	228200	228590	0.15	cps
Lead	206-1	167944	168109	168052	168035	0.05	cps
Lead	207-1	140867	138587	140832	140095	0.93	cps
Lead	208-1	653255	653760	655780	654265	0.20	cps
Lithium	6-1	593430	591497	589574	591500	0.33	cps
Magnesium	24-2	242143	236732	237339	238738	1.24	cps
Manganese	55-2	63798	62469	62258	62842	1.33	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-24	Instrumnet Name :	P8
Client Sample ID :	MF6A56S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:46:34	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15009	14942	15293	15081	1.23	cps
Molybdenum	95-1	442	492	383	439	12.35	cps
Molybdenum	96-1	3092	3092	2959	3048	2.53	cps
Molybdenum	97-1	425	350	258	344	24.23	cps
Molybdenum	98-1	842	683	750	758	10.48	cps
Neodymium	150-1	94599	94726	96560	95295	1.15	cps
Neodymium	150-2	11262	11325	11155	11247	0.76	cps
Nickel	60-2	49123	49387	49247	49252	0.27	cps
Phosphorus	31-2	183	242	208	211	13.86	cps
Potassium	39-2	33240	32989	33048	33093	0.40	cps
Rhodium	103-1	4151598	4140070	4090943	4127537	0.78	cps
Rhodium	103-2	1000795	1001432	990547	997591	0.61	cps
Scandium	45-1	2264237	2280401	2223724	2256120	1.29	cps
Scandium	45-2	16744	16837	16390	16657	1.42	cps
Selenium	77-2	50	60	67	59	14.25	cps
Selenium	78-2	48	52	44	48	7.70	cps
Selenium	82-1	1789	1773	1710	1757	2.38	cps
Silicon	28-1	3339410	3397919	3479957	3405762	2.07	cps
Silver	109-1	65527	65124	67034	65895	1.53	cps
Silver	107-1	68558	68232	69740	68843	1.15	cps
Sodium	23-2	27962	28329	27636	27976	1.24	cps
Strontium	86-1	122369	121705	118721	120932	1.61	cps
Strontium	88-1	1058585	1056477	1053003	1056022	0.27	cps
Sulfur	34-1	250092	244919	246699	247237	1.06	cps
Terbium	159-1	6164865	6116053	6100105	6127008	0.55	cps
Terbium	159-2	1065990	1063688	1054392	1061357	0.58	cps
Thallium	203-1	62530	62957	63753	63080	0.98	cps
Thallium	205-1	152060	151376	152330	151922	0.32	cps
Tin	118-1	5835	5802	5860	5832	0.50	cps
Titanium	47-1	35755	33307	34485	34516	3.55	cps
Uranium	238-1	20601	20284	19950	20278	1.61	cps
Vanadium	51-2	54225	53629	54171	54008	0.61	cps
Yttrium	89-1	5104657	5085064	4979753	5056492	1.33	cps
Yttrium	89-2	140682	141160	140113	140652	0.37	cps
Zinc	66-2	19814	19721	19831	19789	0.30	cps
Zirconium	90-1	39441	40369	39851	39887	1.17	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-24	Instrumnet Name :	P8
Client Sample ID :	MF6A56S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:46:34	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8828	8728	8453	8670	2.24	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-09	Instrumnet Name :	P8
Client Sample ID :	MF6A59	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:49:44	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28246	28989	28563	28599	1.30	cps
Antimony	121-1	1984	1884	2067	1978	4.64	cps
Arsenic	75-2	115	144	122	127	12.13	cps
Barium	135-1	604013	606019	603755	604595	0.21	cps
Barium	137-1	1054375	1057051	1047529	1052985	0.47	cps
Beryllium	9-1	556	622	522	567	8.99	cps
Bismuth	209-1	4230328	3922038	4185624	4112663	4.05	cps
Bismuth	209-2	901427	899946	897902	899758	0.20	cps
Boron	10-1	458	358	242	353	30.74	cps
Boron	11-1	2125	2125	2025	2092	2.76	cps
Cadmium	111-1	595	531	505	544	8.56	cps
Cadmium	106-1	950	883	933	922	3.76	cps
Cadmium	108-1	50	50	104	68	45.95	cps
Calcium	43-1	512289	512048	505121	509819	0.80	cps
Calcium	44-1	8368136	8338905	8372641	8359894	0.22	cps
Chromium	52-2	7612	7762	7649	7674	1.02	cps
Cobalt	59-2	10007	10040	9987	10012	0.27	cps
Copper	63-2	15118	14962	14461	14847	2.31	cps
Dysprosium	156-1	31798	32040	32525	32121	1.15	cps
Dysprosium	156-2	6001	5985	6132	6039	1.33	cps
Erbium	164-1	26036	26219	26678	26311	1.26	cps
Erbium	164-2	4424	4421	4394	4413	0.37	cps
Gadolinium	160-1	30954	30094	31113	30721	1.78	cps
Gadolinium	160-2	7462	7152	7516	7377	2.66	cps
Holmium	165-1	6151786	5700000	6013766	5955184	3.89	cps
Holmium	165-2	1110764	1102668	1097369	1103600	0.61	cps
Indium	115-1	4541378	4167058	4451498	4386645	4.45	cps
Indium	115-2	172989	170581	172764	172112	0.77	cps
Iron	56-2	5608377	5630038	5605891	5614769	0.24	cps
Iron	57-2	142073	140242	139508	140608	0.94	cps
Lead	206-1	78615	78363	78011	78330	0.39	cps
Lead	207-1	63720	64156	65089	64322	1.09	cps
Lead	208-1	303754	302825	301009	302529	0.46	cps
Lithium	6-1	593997	552468	585880	577448	3.81	cps
Magnesium	24-2	224823	222889	222718	223477	0.52	cps
Manganese	55-2	35976	35970	35572	35839	0.65	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-09	Instrumnet Name :	P8
Client Sample ID :	MF6A59	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:49:44	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	23079	21877	21994	22316	2.97	cps
Molybdenum	95-1	817	692	775	761	8.36	cps
Molybdenum	96-1	4593	4559	4676	4609	1.31	cps
Molybdenum	97-1	500	600	483	528	11.96	cps
Molybdenum	98-1	1400	1317	1492	1403	6.24	cps
Neodymium	150-1	51408	51422	50351	51060	1.20	cps
Neodymium	150-2	6192	5931	6042	6055	2.16	cps
Nickel	60-2	7676	7562	7389	7542	1.92	cps
Phosphorus	31-2	258	275	300	278	7.55	cps
Potassium	39-2	15860	15651	15968	15826	1.02	cps
Rhodium	103-1	4128877	3852899	4061951	4014576	3.59	cps
Rhodium	103-2	982020	972257	980407	978228	0.53	cps
Scandium	45-1	2229751	2067631	2205180	2167521	4.03	cps
Scandium	45-2	15892	16383	15876	16050	1.80	cps
Selenium	77-2	40	33	30	34	14.78	cps
Selenium	78-2	17	20	15	17	16.38	cps
Selenium	82-1	-42	14	-2	-10	-279.23	cps
Silicon	28-1	4029864	3783251	3720971	3844695	4.25	cps
Silver	109-1	508	542	575	542	6.15	cps
Silver	107-1	742	608	667	672	9.94	cps
Sodium	23-2	20400	19806	20165	20124	1.49	cps
Strontium	86-1	130620	128719	132563	130634	1.47	cps
Strontium	88-1	1136717	1137198	1142608	1138841	0.29	cps
Sulfur	34-1	260211	262377	259575	260721	0.56	cps
Terbium	159-1	6277996	5812197	6191290	6093827	4.07	cps
Terbium	159-2	1059655	1062990	1054087	1058911	0.42	cps
Thallium	203-1	2284	2309	2292	2295	0.56	cps
Thallium	205-1	5418	5343	5443	5401	0.96	cps
Tin	118-1	3692	3025	3351	3356	9.94	cps
Titanium	47-1	83821	79418	78437	80558	3.56	cps
Uranium	238-1	23974	22888	23757	23540	2.44	cps
Vanadium	51-2	8323	8196	8306	8275	0.83	cps
Yttrium	89-1	4885672	4558559	4844834	4763022	3.74	cps
Yttrium	89-2	134278	131949	131792	132673	1.05	cps
Zinc	66-2	5171	5251	4951	5124	3.03	cps
Zirconium	90-1	59716	62336	59107	60386	2.84	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-09	Instrumnet Name :	P8
Client Sample ID :	MF6A59	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 16:49:44	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	13174	12940	12949	13021	1.02	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-14DLX10	Instrumnet Name :	P8
Client Sample ID :	MF6A47	Dilution Factor :	10
Date & Time Acquired ::	2018-01-18 16:55:08	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6035	5760	5868	5888	2.35	cps
Antimony	121-1	542	558	567	556	2.29	cps
Arsenic	75-2	261	228	281	257	10.56	cps
Barium	135-1	255320	253339	254154	254271	0.39	cps
Barium	137-1	442236	435969	440829	439678	0.75	cps
Beryllium	9-1	317	222	261	267	17.80	cps
Bismuth	209-1	4187579	4168698	4225845	4194041	0.69	cps
Bismuth	209-2	913369	909378	913347	912031	0.25	cps
Boron	10-1	333	425	325	361	15.36	cps
Boron	11-1	1700	1383	1592	1558	10.33	cps
Cadmium	111-1	407	429	483	440	8.98	cps
Cadmium	106-1	650	817	800	756	12.15	cps
Cadmium	108-1	17	21	17	18	13.30	cps
Calcium	43-1	15284	16127	15901	15771	2.77	cps
Calcium	44-1	259074	259219	258745	259012	0.09	cps
Chromium	52-2	1607	1703	1793	1701	5.49	cps
Cobalt	59-2	3197	3237	3254	3229	0.90	cps
Copper	63-2	4011	3851	3874	3912	2.21	cps
Dysprosium	156-1	5468	5193	5426	5362	2.77	cps
Dysprosium	156-2	1137	870	1010	1006	13.27	cps
Erbium	164-1	4268	4301	3992	4187	4.04	cps
Erbium	164-2	743	720	777	747	3.81	cps
Gadolinium	160-1	4901	4359	4376	4545	6.78	cps
Gadolinium	160-2	1173	1253	1233	1220	3.41	cps
Holmium	165-1	5983699	5904159	5901461	5929773	0.79	cps
Holmium	165-2	1104750	1094835	1103567	1101050	0.49	cps
Indium	115-1	4493306	4487788	4524238	4501777	0.44	cps
Indium	115-2	173686	173825	174320	173944	0.19	cps
Iron	56-2	1552969	1547689	1549954	1550204	0.17	cps
Iron	57-2	38225	37579	38793	38199	1.59	cps
Lead	206-1	1119619	1107203	1117330	1114717	0.59	cps
Lead	207-1	922317	917710	922813	920947	0.31	cps
Lead	208-1	4452683	4405517	4441372	4433191	0.56	cps
Lithium	6-1	592328	591081	594094	592501	0.26	cps
Magnesium	24-2	6977	6835	7152	6988	2.27	cps
Manganese	55-2	31582	31148	31573	31434	0.79	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-14DLX10	Instrumnet Name :	P8
Client Sample ID :	MF6A47	Dilution Factor :	10
Date & Time Acquired ::	2018-01-18 16:55:08	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1659	1775	1709	1714	3.42	cps
Molybdenum	95-1	233	358	333	308	21.45	cps
Molybdenum	96-1	667	550	700	639	12.33	cps
Molybdenum	97-1	308	208	233	250	20.82	cps
Molybdenum	98-1	525	575	533	544	4.92	cps
Neodymium	150-1	7649	8470	7996	8038	5.12	cps
Neodymium	150-2	1007	937	890	944	6.22	cps
Nickel	60-2	1157	1190	1013	1120	8.38	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2750	2909	2809	2823	2.84	cps
Rhodium	103-1	4147829	4083425	4106827	4112694	0.79	cps
Rhodium	103-2	995130	991912	987141	991394	0.41	cps
Scandium	45-1	2189067	2188408	2171807	2183094	0.45	cps
Scandium	45-2	15736	15996	16103	15945	1.18	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	9	0	2	4	132.32	cps
Selenium	82-1	-52	43	-25	-12	-423.36	cps
Silicon	28-1	770270	778801	775239	774770	0.55	cps
Silver	109-1	192	158	208	186	13.68	cps
Silver	107-1	175	217	108	167	32.79	cps
Sodium	23-2	9378	8962	9579	9306	3.38	cps
Strontium	86-1	31562	30652	30393	30869	1.99	cps
Strontium	88-1	267077	267635	263805	266172	0.78	cps
Sulfur	34-1	269005	268754	267011	268257	0.40	cps
Terbium	159-1	6137331	6053199	6079592	6090041	0.71	cps
Terbium	159-2	1056559	1050591	1051760	1052970	0.30	cps
Thallium	203-1	292	342	267	300	12.73	cps
Thallium	205-1	567	525	542	544	3.85	cps
Tin	118-1	1283	1400	1133	1272	10.51	cps
Titanium	47-1	3942	4326	4393	4220	5.76	cps
Uranium	238-1	5585	5476	5376	5479	1.90	cps
Vanadium	51-2	3037	3097	2920	3018	2.98	cps
Yttrium	89-1	4531061	4548394	4569938	4549798	0.43	cps
Yttrium	89-2	127528	127068	127118	127238	0.20	cps
Zinc	66-2	1807	1987	1840	1878	5.10	cps
Zirconium	90-1	4318	4268	4559	4382	3.56	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-14DLX10	Instrumnet Name :	P8
Client Sample ID :	MF6A47	Dilution Factor :	10
Date & Time Acquired ::	2018-01-18 16:55:08	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	967	1017	925	970	4.73	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-15DLX10	Instrumnet Name :	P8
Client Sample ID :	MF6A48	Dilution Factor :	10
Date & Time Acquired ::	2018-01-18 16:58:18	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5593	5985	5926	5835	3.62	cps
Antimony	121-1	392	383	417	397	4.37	cps
Arsenic	75-2	228	215	241	228	5.69	cps
Barium	135-1	183707	188398	186514	186206	1.27	cps
Barium	137-1	321326	327903	327024	325418	1.10	cps
Beryllium	9-1	233	289	261	261	10.64	cps
Bismuth	209-1	4117427	4185449	4199015	4167297	1.05	cps
Bismuth	209-2	910360	914233	918245	914279	0.43	cps
Boron	10-1	183	142	233	186	24.66	cps
Boron	11-1	925	992	850	922	7.69	cps
Cadmium	111-1	372	410	322	368	12.09	cps
Cadmium	106-1	817	892	667	792	14.47	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	11213	11405	12081	11566	3.94	cps
Calcium	44-1	192122	191169	194277	192523	0.83	cps
Chromium	52-2	1547	1560	1440	1516	4.34	cps
Cobalt	59-2	2374	2370	2094	2279	7.05	cps
Copper	63-2	4237	4017	3951	4068	3.69	cps
Dysprosium	156-1	4484	4451	4067	4334	5.34	cps
Dysprosium	156-2	863	937	893	898	4.11	cps
Erbium	164-1	3709	3992	3934	3879	3.86	cps
Erbium	164-2	757	747	643	716	8.77	cps
Gadolinium	160-1	4326	4251	4268	4281	0.92	cps
Gadolinium	160-2	950	1073	1033	1019	6.18	cps
Holmium	165-1	5845200	5894227	5955373	5898267	0.94	cps
Holmium	165-2	1102261	1102816	1110654	1105244	0.42	cps
Indium	115-1	4365377	4453762	4506498	4441879	1.61	cps
Indium	115-2	176855	173617	174623	175031	0.95	cps
Iron	56-2	1468986	1460381	1464760	1464709	0.29	cps
Iron	57-2	36203	36420	35836	36153	0.82	cps
Lead	206-1	971569	982801	991766	982045	1.03	cps
Lead	207-1	791037	804795	812991	802941	1.38	cps
Lead	208-1	3841227	3900201	3932117	3891181	1.19	cps
Lithium	6-1	582195	594380	600007	592194	1.54	cps
Magnesium	24-2	8261	8328	7969	8186	2.33	cps
Manganese	55-2	6825	6722	6755	6767	0.78	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-15DLX10	Instrumnet Name :	P8
Client Sample ID :	MF6A48	Dilution Factor :	10
Date & Time Acquired ::	2018-01-18 16:58:18	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1050	1025	1000	1025	2.44	cps
Molybdenum	95-1	458	383	433	425	8.98	cps
Molybdenum	96-1	700	575	675	650	10.18	cps
Molybdenum	97-1	233	250	342	275	21.21	cps
Molybdenum	98-1	750	683	733	722	4.80	cps
Neodymium	150-1	6082	6162	6442	6228	3.04	cps
Neodymium	150-2	790	763	777	777	1.72	cps
Nickel	60-2	1043	1157	1270	1157	9.80	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	2325	2525	2675	2509	7.00	cps
Rhodium	103-1	4055721	4125872	4094503	4092032	0.86	cps
Rhodium	103-2	997749	988609	997590	994650	0.53	cps
Scandium	45-1	2139838	2142133	2164436	2148802	0.63	cps
Scandium	45-2	15973	16313	16206	16164	1.08	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	19	32	-14	12	190.77	cps
Silicon	28-1	674179	676142	680337	676886	0.46	cps
Silver	109-1	108	100	142	117	18.90	cps
Silver	107-1	208	117	158	161	28.49	cps
Sodium	23-2	9103	8995	9070	9056	0.61	cps
Strontium	86-1	11697	12356	12281	12111	2.98	cps
Strontium	88-1	99571	101518	102619	101236	1.52	cps
Sulfur	34-1	263462	262764	263770	263332	0.20	cps
Terbium	159-1	5965826	6018848	6154904	6046526	1.61	cps
Terbium	159-2	1061365	1058863	1053411	1057880	0.38	cps
Thallium	203-1	375	308	242	308	21.62	cps
Thallium	205-1	667	717	842	742	12.15	cps
Tin	118-1	1283	1258	1200	1247	3.43	cps
Titanium	47-1	1183	1083	1083	1117	5.17	cps
Uranium	238-1	4384	4451	4559	4465	1.98	cps
Vanadium	51-2	2527	2450	2494	2490	1.54	cps
Yttrium	89-1	4472164	4521853	4601010	4531675	1.43	cps
Yttrium	89-2	127458	126772	126759	126996	0.32	cps
Zinc	66-2	923	890	840	884	4.74	cps
Zirconium	90-1	2275	2084	2134	2164	4.59	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	J1175-15DLX10	Instrumnet Name :	P8
Client Sample ID :	MF6A48	Dilution Factor :	10
Date & Time Acquired ::	2018-01-18 16:58:18	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	433	450	381	27.90	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 17:01:29	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	178593	178676	176637	177969	0.65	cps
Antimony	121-1	3461841	3451911	3446818	3453523	0.22	cps
Arsenic	75-2	31671	31575	31081	31443	1.01	cps
Barium	135-1	3765158	3736462	3800980	3767533	0.86	cps
Barium	137-1	6614834	6512516	6534717	6554022	0.82	cps
Beryllium	9-1	334111	328252	332490	331618	0.91	cps
Bismuth	209-1	4029659	3935874	3966812	3977448	1.20	cps
Bismuth	209-2	856675	861723	866004	861467	0.54	cps
Boron	10-1	37233	37600	38929	37921	2.35	cps
Boron	11-1	175181	179096	183085	179121	2.21	cps
Cadmium	111-1	662998	659287	665770	662685	0.49	cps
Cadmium	106-1	70735	70367	71866	70989	1.10	cps
Cadmium	108-1	48705	48454	48788	48649	0.36	cps
Calcium	43-1	3039732	3036890	3080126	3052249	0.79	cps
Calcium	44-1	49523853	49406137	49590104	49506698	0.19	cps
Chromium	52-2	242310	241917	241293	241840	0.21	cps
Cobalt	59-2	521575	519247	518079	519634	0.34	cps
Copper	63-2	892761	889388	889727	890626	0.21	cps
Dysprosium	156-1	83	67	67	72	13.33	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	33	42	17	31	41.66	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	50	25	50	42	34.64	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	5990280	5925426	5914395	5943367	0.69	cps
Holmium	165-2	1098435	1101314	1101468	1100406	0.16	cps
Indium	115-1	4302496	4319259	4323232	4314996	0.26	cps
Indium	115-2	163762	165474	164262	164499	0.54	cps
Iron	56-2	40264002	40256798	40001741	40174181	0.37	cps
Iron	57-2	1015820	1010782	1007527	1011376	0.41	cps
Lead	206-1	2506372	2453574	2488461	2482802	1.08	cps
Lead	207-1	2281711	2284369	2249958	2272013	0.84	cps
Lead	208-1	10276765	10107951	10172933	10185883	0.84	cps
Lithium	6-1	579590	574903	579007	577833	0.44	cps
Magnesium	24-2	4239332	4219429	4164508	4207756	0.92	cps
Manganese	55-2	137824	137563	139051	138146	0.58	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 17:01:29	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5559250	5575639	5567826	5567572	0.15	cps
Molybdenum	95-1	6881663	6809655	6750974	6814097	0.96	cps
Molybdenum	96-1	7621095	7517343	7574342	7570927	0.69	cps
Molybdenum	97-1	4259941	4293760	4253715	4269139	0.50	cps
Molybdenum	98-1	11090559	10962064	11022053	11024892	0.58	cps
Neodymium	150-1	140	207	180	176	19.11	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	152171	150425	151224	151273	0.58	cps
Phosphorus	31-2	2659	2409	2392	2486	6.01	cps
Potassium	39-2	1170145	1168667	1166260	1168358	0.17	cps
Rhodium	103-1	3882698	3865223	3864228	3870716	0.27	cps
Rhodium	103-2	923735	927341	924212	925096	0.21	cps
Scandium	45-1	2211335	2165420	2201207	2192654	1.10	cps
Scandium	45-2	15756	16183	16243	16060	1.65	cps
Selenium	77-2	187	233	193	204	12.35	cps
Selenium	78-2	704	663	763	710	7.08	cps
Selenium	82-1	40771	40654	40594	40673	0.22	cps
Silicon	28-1	1393005	1387583	1403905	1394831	0.60	cps
Silver	109-1	3293597	3241868	3253573	3263013	0.83	cps
Silver	107-1	3416444	3370541	3376213	3387733	0.74	cps
Sodium	23-2	9821912	9805186	9804810	9810636	0.10	cps
Strontium	86-1	866094	865826	870885	867602	0.33	cps
Strontium	88-1	7545682	7503023	7586057	7544921	0.55	cps
Sulfur	34-1	436000	433748	433465	434404	0.32	cps
Terbium	159-1	6116031	6057409	6030823	6068088	0.72	cps
Terbium	159-2	1049465	1049442	1046513	1048473	0.16	cps
Thallium	203-1	3061985	3053737	3030253	3048658	0.54	cps
Thallium	205-1	7175454	7130174	7180019	7161882	0.38	cps
Tin	118-1	2343692	2348080	2384490	2358754	0.95	cps
Titanium	47-1	1577529	1545849	1581273	1568217	1.24	cps
Uranium	238-1	10482748	10326845	10358259	10389284	0.79	cps
Vanadium	51-2	184112	183926	183221	183753	0.26	cps
Yttrium	89-1	4443352	4494544	4414092	4450663	0.91	cps
Yttrium	89-2	122614	123616	123714	123314	0.49	cps
Zinc	66-2	80840	79597	80596	80344	0.82	cps
Zirconium	90-1	4638212	4646128	4633389	4639243	0.14	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P8
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 17:01:29	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1017210	1008681	1014859	1013583	0.43	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 17:04:31	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	0	3	173.21	cps
Antimony	121-1	1984	2125	2092	2067	3.58	cps
Arsenic	75-2	9	6	0	5	94.35	cps
Barium	135-1	133	33	83	83	60.00	cps
Barium	137-1	142	100	133	125	17.64	cps
Beryllium	9-1	278	222	222	241	13.32	cps
Bismuth	209-1	4069294	4175534	4172549	4139126	1.46	cps
Bismuth	209-2	895831	895010	896638	895826	0.09	cps
Boron	10-1	1033	1025	942	1000	5.07	cps
Boron	11-1	5301	4993	4734	5009	5.67	cps
Cadmium	111-1	390	383	378	384	1.48	cps
Cadmium	106-1	783	742	800	775	3.88	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Calcium	43-1	367	625	475	489	26.53	cps
Calcium	44-1	10154	9679	10463	10099	3.91	cps
Chromium	52-2	183	143	203	177	17.29	cps
Cobalt	59-2	57	43	27	42	35.60	cps
Copper	63-2	133	120	157	137	13.58	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	8	25	33	22	57.30	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	5857057	5844341	5811119	5837506	0.41	cps
Holmium	165-2	1083929	1085226	1073382	1080845	0.60	cps
Indium	115-1	4403863	4455514	4434497	4431291	0.59	cps
Indium	115-2	173513	173118	171056	172562	0.76	cps
Iron	56-2	2600	2395	2573	2523	4.42	cps
Iron	57-2	56	83	72	70	19.87	cps
Lead	206-1	772	828	800	800	3.47	cps
Lead	207-1	639	783	567	663	16.64	cps
Lead	208-1	3295	3389	3139	3274	3.86	cps
Lithium	6-1	593405	593900	596015	594440	0.23	cps
Magnesium	24-2	183	158	250	197	24.03	cps
Manganese	55-2	17	10	17	14	26.66	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 17:04:31	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367	392	358	372	4.66	cps
Molybdenum	95-1	483	425	375	428	12.68	cps
Molybdenum	96-1	642	450	500	531	18.74	cps
Molybdenum	97-1	258	292	308	286	8.90	cps
Molybdenum	98-1	775	525	617	639	19.80	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	240	217	220	226	5.60	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2034	1700	1609	1781	12.56	cps
Rhodium	103-1	4031953	4010667	4047502	4030040	0.46	cps
Rhodium	103-2	978309	969776	968212	972099	0.56	cps
Scandium	45-1	2133340	2148648	2177800	2153263	1.05	cps
Scandium	45-2	16293	16199	15485	15993	2.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-9	-33	-18	-20	-60.89	cps
Silicon	28-1	292410	287327	286382	288706	1.12	cps
Silver	109-1	192	117	150	153	24.60	cps
Silver	107-1	208	183	233	208	12.00	cps
Sodium	23-2	7502	7836	7352	7563	3.27	cps
Strontium	86-1	483	358	400	414	15.38	cps
Strontium	88-1	208	83	183	158	41.77	cps
Sulfur	34-1	270476	270187	271034	270566	0.16	cps
Terbium	159-1	5955263	5877850	5938238	5923784	0.69	cps
Terbium	159-2	1033801	1029906	1032651	1032119	0.19	cps
Thallium	203-1	1008	942	808	920	11.08	cps
Thallium	205-1	2167	2134	1725	2009	12.25	cps
Tin	118-1	867	808	833	836	3.50	cps
Titanium	47-1	133	67	100	100	33.33	cps
Uranium	238-1	133	192	167	164	17.86	cps
Vanadium	51-2	3	3	13	7	86.65	cps
Yttrium	89-1	4445224	4396859	4413565	4418549	0.56	cps
Yttrium	89-2	124319	122691	122910	123307	0.72	cps
Zinc	66-2	30	27	23	27	12.51	cps
Zirconium	90-1	433	408	558	467	17.22	cps

LB Number :	LB92745	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P8
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired ::	2018-01-18 17:04:31	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	125	83	94	28.37	cps