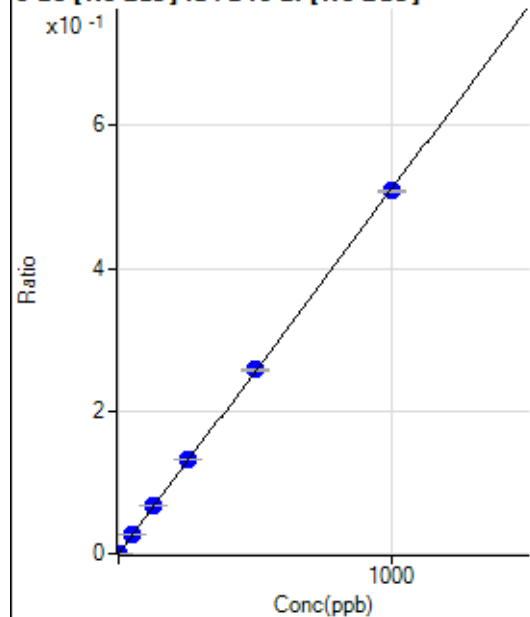


Calibration for 002CALB.d

Batch Folder: D:\ICP-MS Data\P7081219 MS.b\
 Analysis File: P7081219 MS.batch.bin
 DA Date-Time: 2019-08-12 16:19:00
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2019-08-12 12:17:42
2	003CALS.d	S02	2019-08-12 12:21:20
3	004CALS.d	S03	2019-08-12 12:25:38
4	005CALS.d	S04	2019-08-12 12:29:34
5	006CALS.d	S05	2019-08-12 12:33:27
6	007CALS.d	S06	2019-08-12 12:37:17
7	008CALS.d	S07	2019-08-12 12:41:06
8	009CALS.d	S08	2019-08-12 12:54:00

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	84.45	0.0000	P	18.5
2	☐	1.000	1.092	1383.42	0.0006	P	7.4
3	☐	50.000	52.947	65153.55	0.0271	P	1.3
4	☐	125.000	130.298	158432.28	0.0666	P	0.5
5	☐	250.000	256.398	306525.89	0.1310	P	0.4
6	☐	500.000	504.039	595201.83	0.2574	P	0.4
7	☐	1000.000	995.572	1169012.73	0.5084	P	0.2
8	☐			130.00	0.0001	P	17.1

$$y = 5.1059\text{E-}004 * x + 3.7098\text{E-}005$$

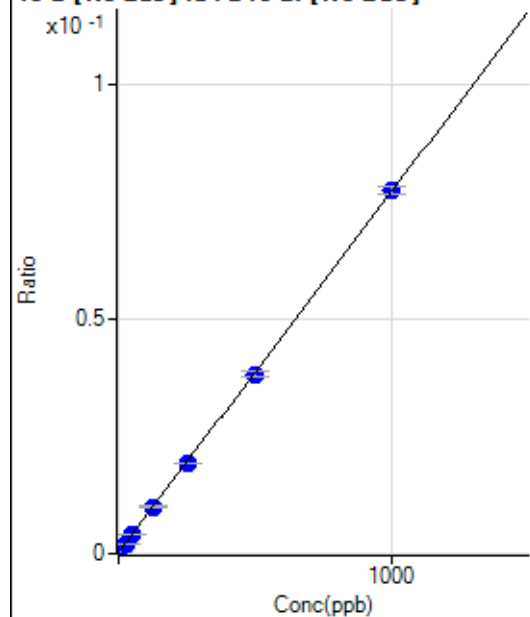
$$R = 1.0000$$

$$DL = 0.04036$$

$$BEC = 0.07266$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	580.59	0.0003	P	5.4
2	☐	25.000	25.224	5109.41	0.0022	P	1.8
3	☐	50.000	49.789	9834.11	0.0041	P	3.0
4	☐	125.000	125.494	23591.47	0.0099	P	4.5
5	☐	250.000	247.948	45257.58	0.0193	P	1.3
6	☐	500.000	494.887	88651.29	0.0383	P	2.4
7	☐	1000.000	1003.013	178053.96	0.0774	P	2.3
8	☐			3217.14	0.0014	P	11.0

$$y = 7.6948\text{E-}005 * x + 2.5542\text{E-}004$$

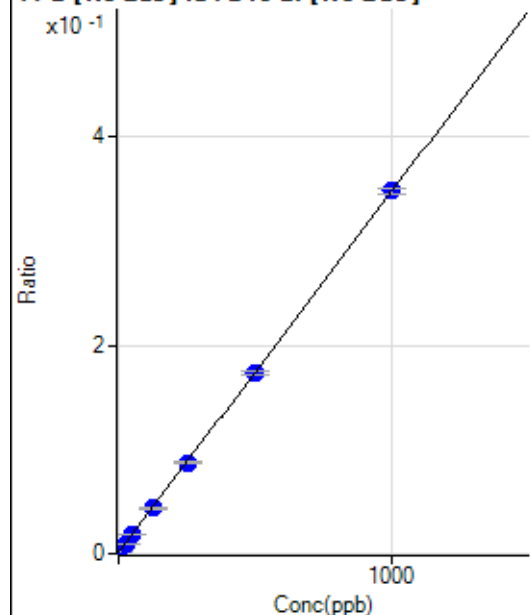
$$R = 1.0000$$

$$DL = 0.5411$$

$$BEC = 3.319$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2472.52	0.0011	P	6.8
2	☐	25.000	25.715	23251.93	0.0100	P	2.0
3	☐	50.000	50.256	44508.42	0.0185	P	4.5
4	☐	125.000	123.432	104365.36	0.0438	P	2.2
5	☐	250.000	249.618	204954.77	0.0876	P	0.8
6	☐	500.000	496.535	400272.49	0.1731	P	2.1
7	☐	1000.000	1001.993	800658.15	0.3482	P	1.5
8	☐			13909.73	0.0063	P	6.9

$$y = 3.4642\text{E-}004 * x + 0.0011$$

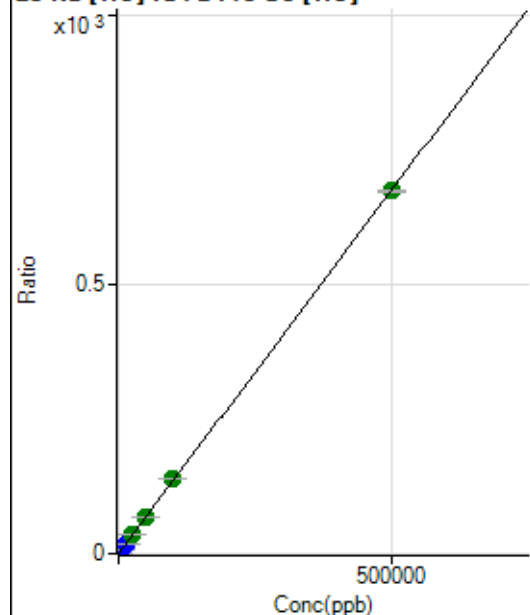
R = 1.0000

DL = 0.6432

BEC = 3.14

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3845.08	0.0266	P	6.4
2	☐	500.000	524.433	108518.76	0.7348	P	0.7
3	☐	5000.000	5114.232	1010658.37	6.9328	P	0.6
4	☐	12500.000	12806.533	2426964.03	17.3203	P	1.2
5	☐	25000.000	25519.043	4738566.64	34.4869	A	0.2
6	☐	50000.000	51462.455	9388378.86	69.5203	A	0.0
7	☐	100000.00	102938.34	18846646.26	139.0321	A	0.1
8	☐	500000.00	499231.30	90924149.25	674.1768	A	0.8

$$y = 0.0014 * x + 0.0266$$

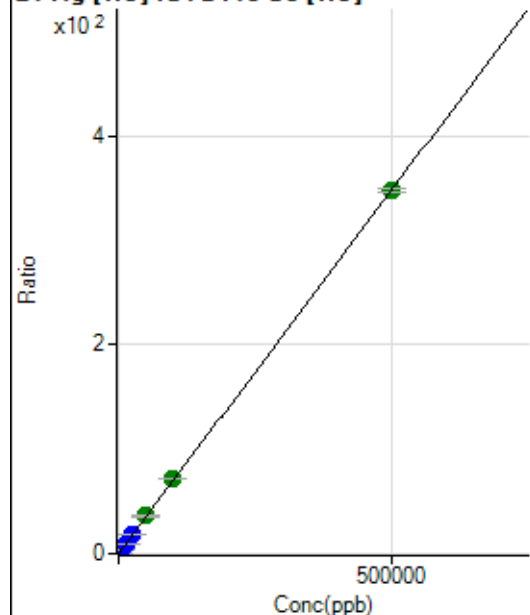
R = 1.0000

DL = 3.759

BEC = 19.71

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	180.56	0.0013	P	14.0
2	☐	500.000	551.284	56870.21	0.3851	P	1.5
3	☐	5000.000	5147.231	522662.89	3.5851	P	0.2
4	☐	12500.000	12889.704	1257749.68	8.9760	P	1.0
5	☐	25000.000	25431.140	2433170.13	17.7083	P	0.3
6	☐	50000.000	51627.960	4854647.76	35.9485	A	0.5
7	☐	100000.00	103050.85	9726629.73	71.7531	A	0.3
8	☐	500000.00	499194.20	46876271.54	347.5780	A	1.0

$$y = 6.9628\text{E-}004 * x + 0.0013$$

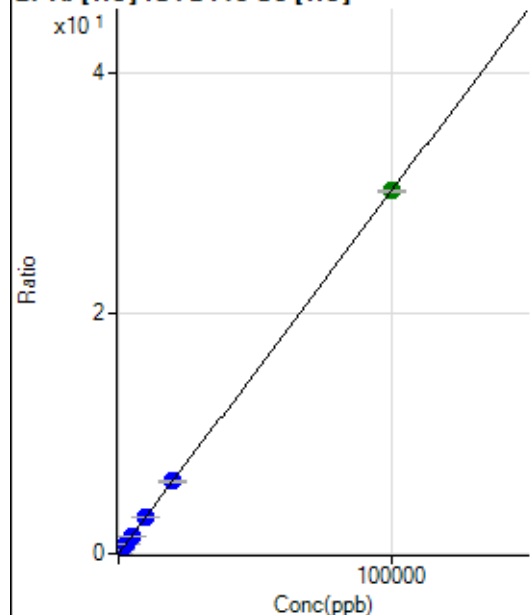
$$R = 1.0000$$

$$DL = 0.753$$

$$BEC = 1.796$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.45	0.0001	P	25.4
2	☐	20.000	20.769	944.51	0.0064	P	14.4
3	☐	1000.000	1008.027	44349.83	0.3042	P	0.8
4	☐	2500.000	2529.859	106953.23	0.7633	P	2.0
5	☐	5000.000	4992.752	206959.25	1.5062	P	0.2
6	☐	10000.000	10028.524	408552.28	3.0253	P	0.2
7	☐	20000.000	19925.671	814783.14	6.0109	P	0.5
8	☐	100000.00	100011.54	4068852.57	30.1693	A	0.8

$$y = 3.0166\text{E-}004 * x + 1.3471\text{E-}004$$

$$R = 1.0000$$

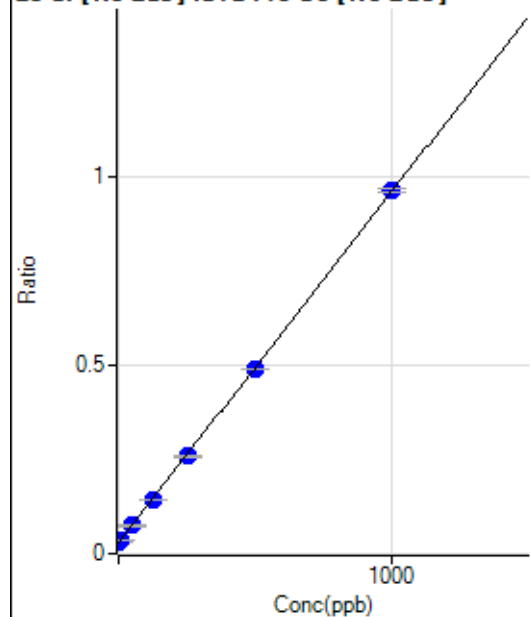
$$DL = 0.34$$

$$BEC = 0.4466$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	103296.86	0.0293	P	1.8
2	☐	10.000	8.518	134390.62	0.0372	P	0.4
3	☐	50.000	48.068	270081.10	0.0739	P	0.6
4	☐	125.000	123.156	511921.00	0.1436	P	0.6
5	☐	250.000	245.507	885701.30	0.2572	P	0.7
6	☐	500.000	496.650	1664410.23	0.4903	P	0.3
7	☐	1000.000	1003.140	3257266.54	0.9604	P	1.1
8	☐			310864.64	0.0942	P	8.4

$$y = 9.2812\text{E-}004 * x + 0.0293$$

$$R = 1.0000$$

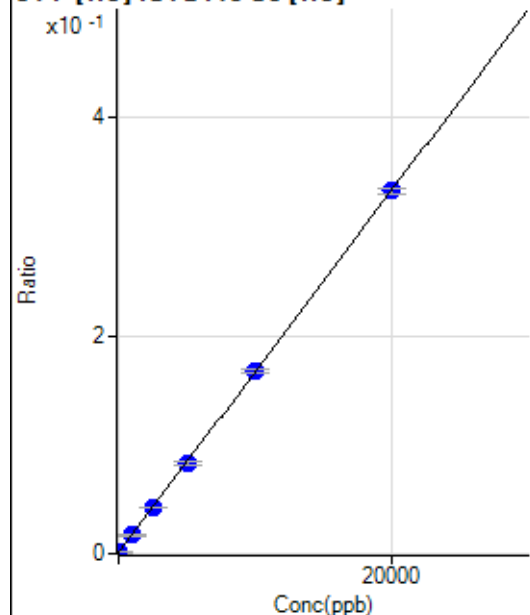
$$DL = 1.666$$

$$BEC = 31.59$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-17.192	83.34	0.0006	P	26.3
2	☐	0.000	17.192	169.45	0.0011	P	10.8
3	☐	1000.000	986.077	2514.20	0.0173	P	8.4
4	☐	2500.000	2502.064	5948.67	0.0425	P	1.7
5	☐	5000.000	4934.271	11388.07	0.0829	P	3.9
6	☐	10000.000	10063.279	22706.94	0.1681	P	1.6
7	☐	20000.000	19985.231	45144.24	0.3331	P	1.8
8	☐			61.11	0.0005	P	60.6

$$y = 1.6623\text{E-}005 * x + 8.6212\text{E-}004$$

$$R = 1.0000$$

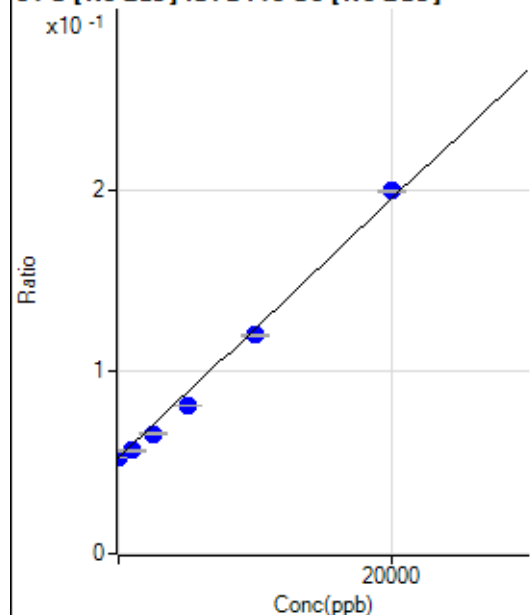
$$DL = 24.87$$

$$BEC = 51.86$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-2.604	185906.20	0.0528	P	0.8
2	☐	0.000	2.604	190614.57	0.0528	P	1.4
3	☐	1000.000	535.388	206733.92	0.0566	P	0.6
4	☐	2500.000	1801.466	233755.49	0.0656	P	1.3
5	☐	5000.000	4047.368	280825.42	0.0815	P	0.4
6	☐	10000.000	9461.464	407397.78	0.1200	P	0.5
7	☐	20000.000	20617.974	675862.63	0.1993	P	0.8
8	☐			143122.78	0.0434	P	1.3

$$y = 7.1044\text{E-}006 * x + 0.0528$$

R = 0.9981

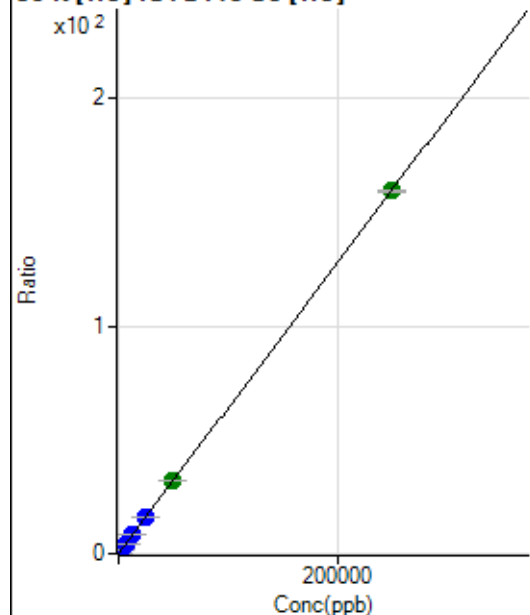
DL = 235.1

BEC = 7430

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9659.04	0.0669	P	2.8
2	☐	500.000	529.438	59751.36	0.4046	P	1.7
3	☐	2500.000	2565.385	248310.23	1.7033	P	0.6
4	☐	6250.000	6403.588	581751.39	4.1517	P	0.6
5	☐	12500.000	12637.810	1116879.27	8.1285	P	0.3
6	☐	25000.000	25042.211	2166275.72	16.0413	P	1.0
7	☐	50000.000	50283.468	4357098.01	32.1427	A	0.3
8	☐	250000.00	249927.64	21510971.66	159.4961	A	0.8

$$y = 6.3790\text{E-}004 * x + 0.0669$$

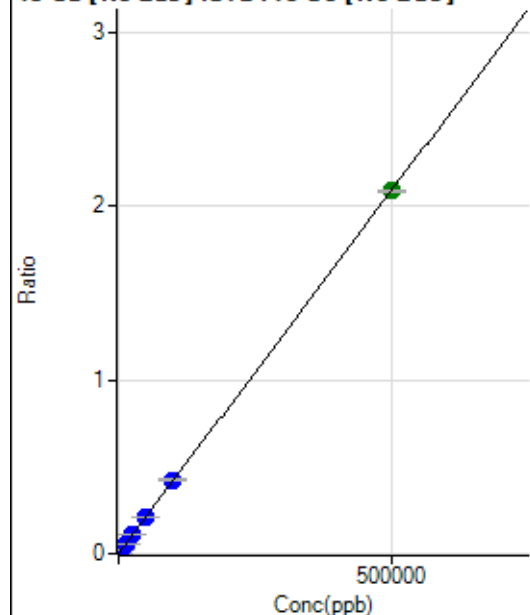
R = 1.0000

DL = 8.867

BEC = 104.8

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	37.5
2	☐	500.000	510.679	7830.19	0.0022	P	4.9
3	☐	5000.000	5112.226	78240.43	0.0214	P	0.5
4	☐	12500.000	12677.149	189131.01	0.0531	P	0.4
5	☐	25000.000	25247.201	363823.74	0.1056	P	0.7
6	☐	50000.000	50865.547	722426.91	0.2128	P	1.1
7	☐	100000.00	101591.68	1441488.74	0.4250	P	0.8
8	☐	500000.00	499577.18	6896949.90	2.0898	A	0.6

$$y = 4.1830\text{E-}006 * x + 3.3086\text{E-}005$$

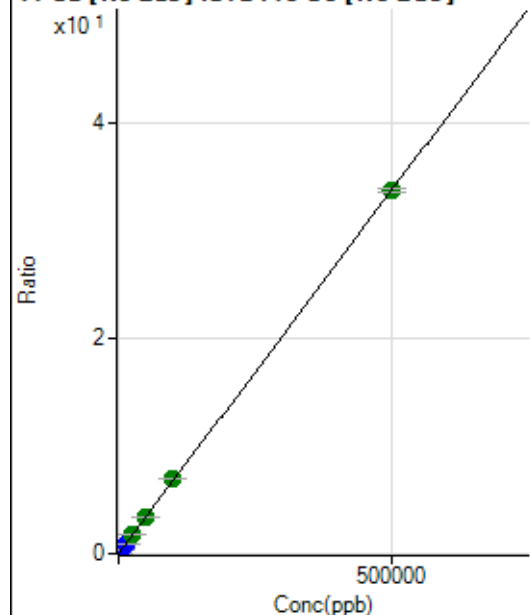
$$R = 1.0000$$

$$DL = 8.898$$

$$BEC = 7.91$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4831.95	0.0014	P	5.1
2	☐	500.000	521.315	131993.02	0.0366	P	0.8
3	☐	5000.000	5045.752	1249361.48	0.3420	P	0.2
4	☐	12500.000	12502.485	3013224.66	0.8454	P	0.8
5	☐	25000.000	25239.707	5872816.06	1.7052	A	0.2
6	☐	50000.000	50724.034	11629528.12	3.4256	A	0.8
7	☐	100000.00	102361.98	23443267.88	6.9116	A	0.4
8	☐	500000.00	499442.67	111278212.2	33.7176	A	1.0

$$y = 6.7508\text{E-}005 * x + 0.0014$$

$$R = 1.0000$$

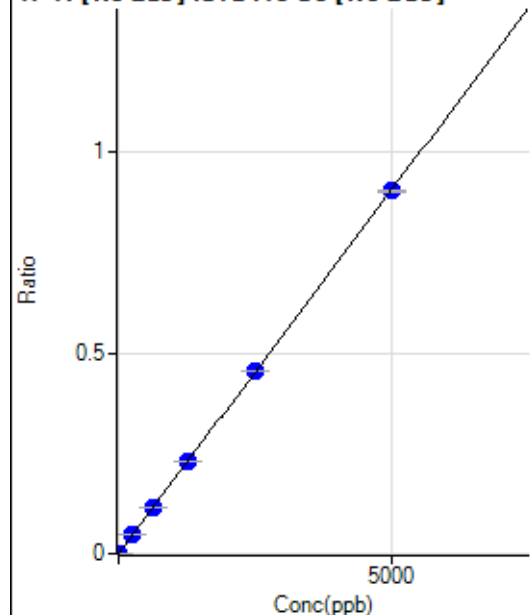
$$DL = 3.122$$

$$BEC = 20.31$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	26.8
2	☐	5.000	5.268	3514.45	0.0010	P	2.0
3	☐	250.000	255.687	169472.57	0.0464	P	1.0
4	☐	625.000	636.196	411286.12	0.1154	P	0.3
5	☐	1250.000	1261.913	788179.02	0.2289	P	0.2
6	☐	2500.000	2512.809	1547054.48	0.4557	P	0.6
7	☐	5000.000	4988.933	3068746.16	0.9047	P	0.4
8	☐			680.60	0.0002	P	9.9

$$y = 1.8134\text{E-}004 * x + 1.8123\text{E-}005$$

$$R = 1.0000$$

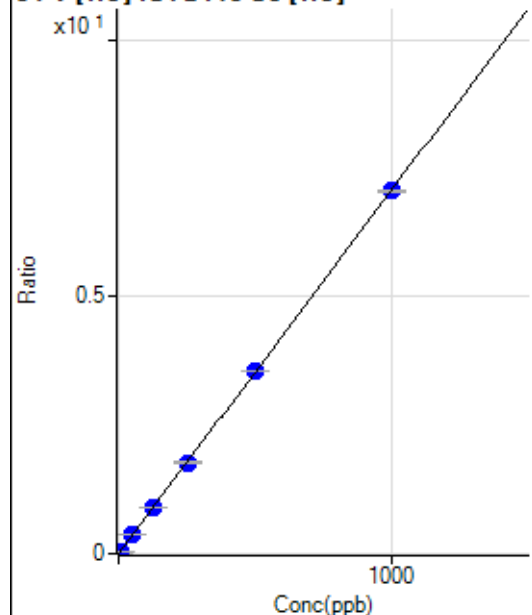
$$DL = 0.08039$$

$$BEC = 0.09993$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0001	P	18.0
2	☐	5.000	5.529	5786.77	0.0392	P	0.7
3	☐	50.000	50.708	52296.88	0.3587	P	1.2
4	☐	125.000	126.762	125640.35	0.8966	P	1.3
5	☐	250.000	251.048	243984.07	1.7757	P	0.4
6	☐	500.000	502.402	479876.91	3.5535	P	0.8
7	☐	1000.000	998.279	957125.74	7.0607	P	0.4
8	☐			137.78	0.0010	P	15.1

$$y = 0.0071 * x + 7.6938\text{E-}005$$

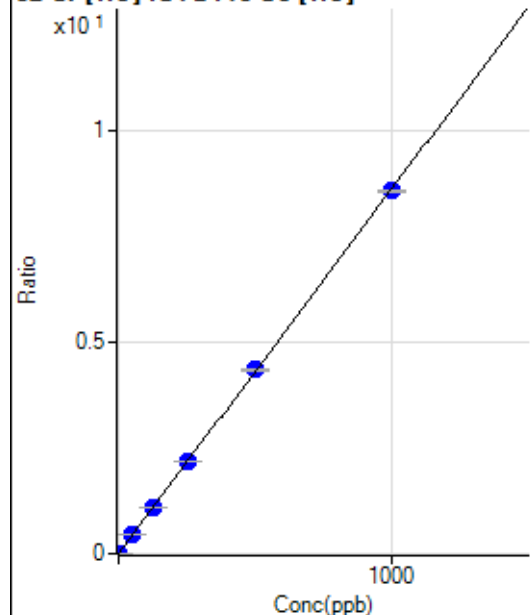
$$R = 1.0000$$

$$DL = 0.005861$$

$$BEC = 0.01088$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	235.56	0.0016	P	12.2
2	☐	2.000	2.154	2981.47	0.0202	P	2.5
3	☐	50.000	51.186	64516.05	0.4426	P	0.6
4	☐	125.000	128.504	155337.33	1.1086	P	0.9
5	☐	250.000	253.530	300301.14	2.1856	P	0.1
6	☐	500.000	506.057	588908.67	4.3609	P	0.9
7	☐	1000.000	995.591	1162757.28	8.5777	P	0.2
8	☐			19567.62	0.1451	P	2.0

$$y = 0.0086 * x + 0.0016$$

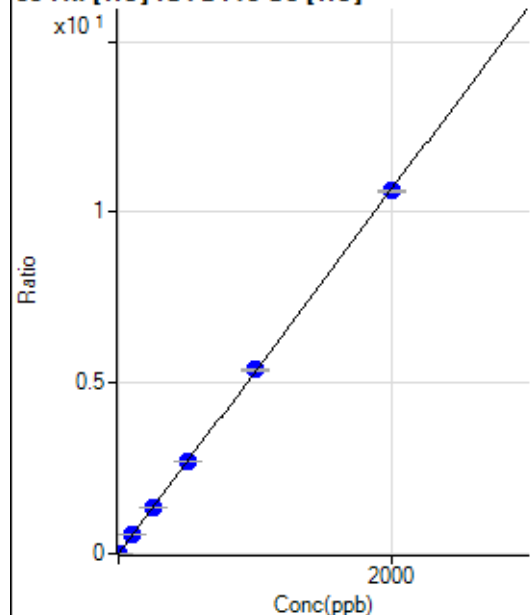
$$R = 1.0000$$

$$DL = 0.06933$$

$$BEC = 0.1893$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26.67	0.0002	P	12.6
2	☐	1.000	1.138	923.38	0.0063	P	4.3
3	☐	100.000	101.876	79231.88	0.5435	P	0.6
4	☐	250.000	255.523	190975.92	1.3629	P	0.7
5	☐	500.000	506.765	371370.09	2.7028	P	0.4
6	☐	1000.000	1011.388	728431.47	5.3940	P	0.7
7	☐	2000.000	1991.831	1439961.96	10.6228	P	0.3
8	☐			5010.94	0.0372	P	1.8

$$y = 0.0053 * x + 1.8454E-004$$

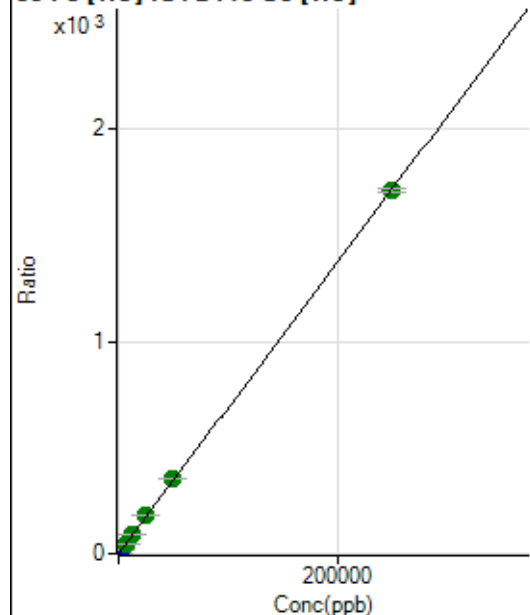
$$R = 1.0000$$

$$DL = 0.01312$$

$$BEC = 0.0346$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1776.08	0.0123	P	6.5
2	☐	50.000	60.018	62559.27	0.4236	P	1.0
3	☐	2500.000	2693.845	2693165.83	18.4737	P	0.4
4	☐	6250.000	6610.979	6350169.70	45.3185	A	1.1
5	☐	12500.000	13142.824	12377504.56	90.0825	A	0.1
6	☐	25000.000	26241.585	24287841.75	179.8507	A	0.5
7	☐	50000.000	52048.016	48354796.91	356.7069	A	0.4
8	☐	250000.00	249423.13	230531986.6	1,709.354	A	1.0

$$y = 0.0069 * x + 0.0123$$

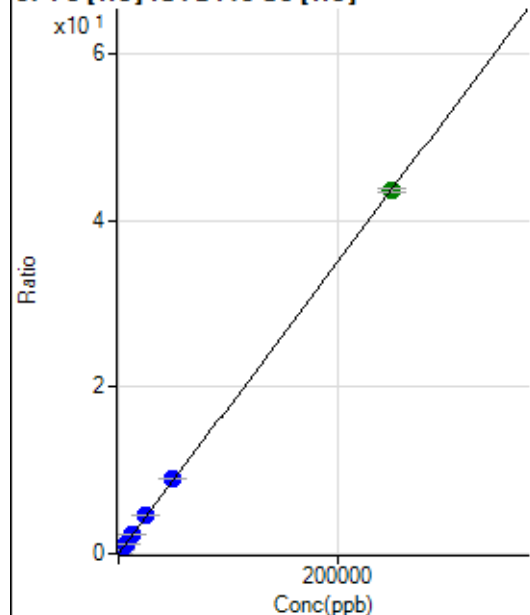
$$R = 1.0000$$

$$DL = 0.3518$$

$$BEC = 1.793$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	129.63	0.0009	P	55.1
2	☐	50.000	61.466	1720.52	0.0116	P	4.0
3	☐	2500.000	2706.683	69134.75	0.4742	P	0.7
4	☐	6250.000	6705.035	164417.82	1.1734	P	1.8
5	☐	12500.000	13232.382	318057.44	2.3148	P	0.5
6	☐	25000.000	26501.650	625953.88	4.6352	P	0.6
7	☐	50000.000	51893.923	1230213.24	9.0754	P	0.1
8	☐	250000.00	249420.98	5882251.92	43.6163	A	1.2

$$y = 1.7487E-004 * x + 8.9903E-004$$

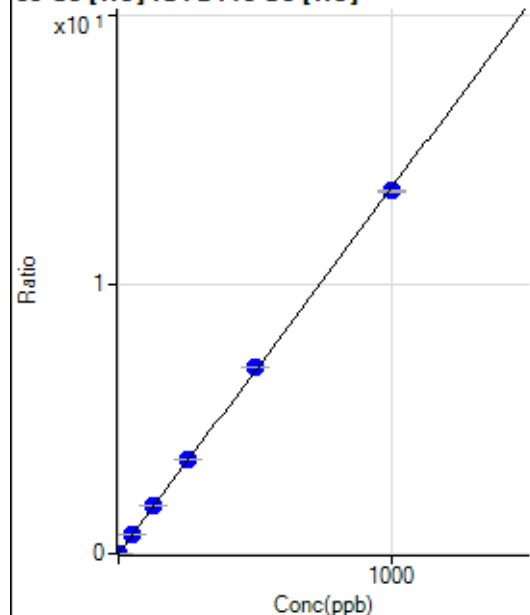
$$R = 1.0000$$

$$DL = 8.498$$

$$BEC = 5.141$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0003	P	9.3
2	☐	1.000	1.102	2253.54	0.0153	P	0.9
3	☐	50.000	53.279	105637.77	0.7246	P	0.5
4	☐	125.000	131.132	249848.03	1.7831	P	1.3
5	☐	250.000	256.922	479971.11	3.4932	P	0.5
6	☐	500.000	510.656	937584.80	6.9428	P	0.5
7	☐	1000.000	992.011	1828197.70	13.4870	P	0.6
8	☐			21164.35	0.1569	P	2.2

$$y = 0.0136 * x + 2.7697E-004$$

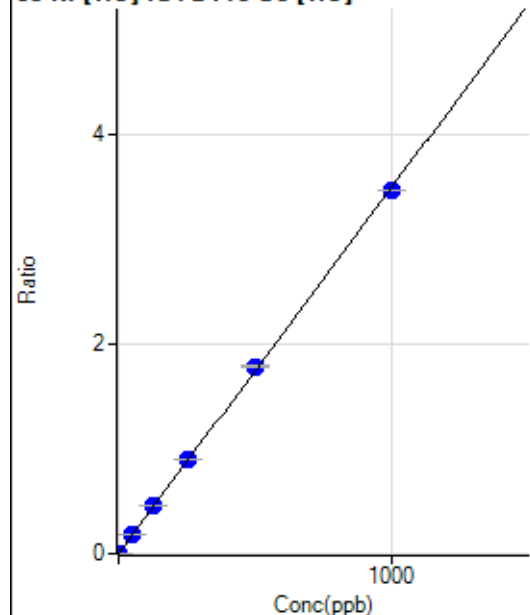
$$R = 0.9999$$

$$DL = 0.005694$$

$$BEC = 0.02037$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.12	0.0006	P	20.2
2	☐	1.000	1.039	630.02	0.0043	P	8.7
3	☐	50.000	53.691	27490.41	0.1886	P	0.9
4	☐	125.000	132.412	65033.53	0.4641	P	1.8
5	☐	250.000	258.232	124285.38	0.9045	P	0.8
6	☐	500.000	511.820	242024.71	1.7922	P	0.4
7	☐	1000.000	990.921	470273.15	3.4692	P	0.1
8	☐			8622.66	0.0639	P	1.2

$$y = 0.0035 * x + 6.2953E-004$$

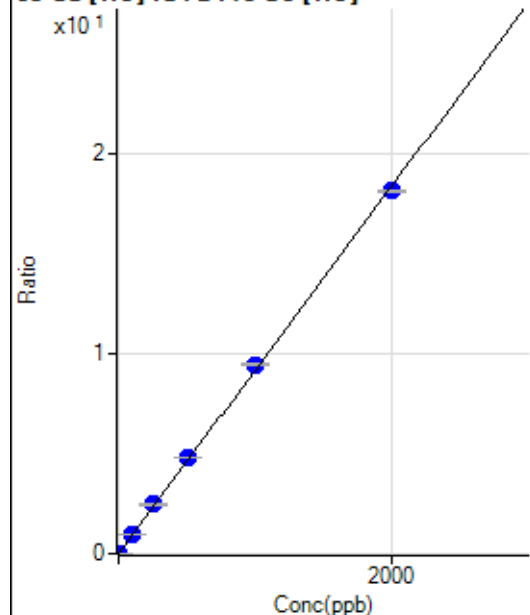
$$R = 0.9998$$

$$DL = 0.1089$$

$$BEC = 0.1798$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344.45	0.0024	P	3.9
2	☐	2.000	2.312	3491.58	0.0236	P	1.3
3	☐	100.000	109.050	146530.75	1.0051	P	1.0
4	☐	250.000	268.081	345719.83	2.4673	P	1.9
5	☐	500.000	523.760	662020.05	4.8181	P	0.3
6	☐	1000.000	1029.949	1279183.57	9.4723	P	0.4
7	☐	2000.000	1976.372	2463532.55	18.1743	P	0.7
8	☐			3643.84	0.0270	P	2.0

$$y = 0.0092 * x + 0.0024$$

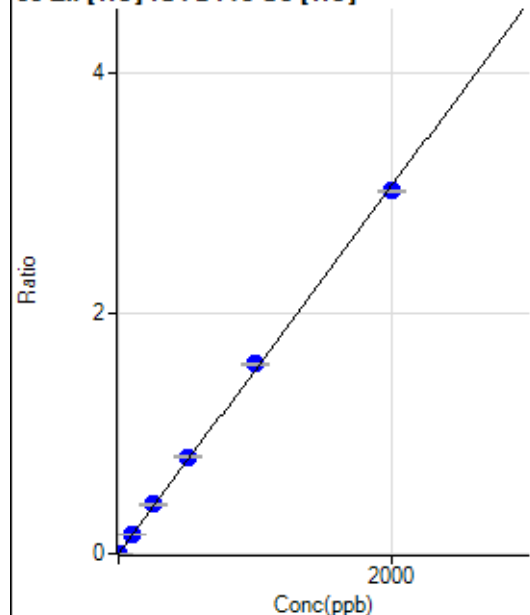
$$R = 0.9997$$

$$DL = 0.03062$$

$$BEC = 0.2593$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.11	0.0010	P	16.7
2	☐	2.000	2.367	677.81	0.0046	P	6.2
3	☐	100.000	107.695	24117.90	0.1654	P	1.3
4	☐	250.000	267.332	57341.04	0.4092	P	1.1
5	☐	500.000	526.255	110555.71	0.8046	P	0.7
6	☐	1000.000	1032.844	213129.41	1.5782	P	1.0
7	☐	2000.000	1974.463	408849.35	3.0162	P	0.5
8	☐			4711.94	0.0349	P	4.6

$$y = 0.0015 * x + 9.7569E-004$$

$$R = 0.9997$$

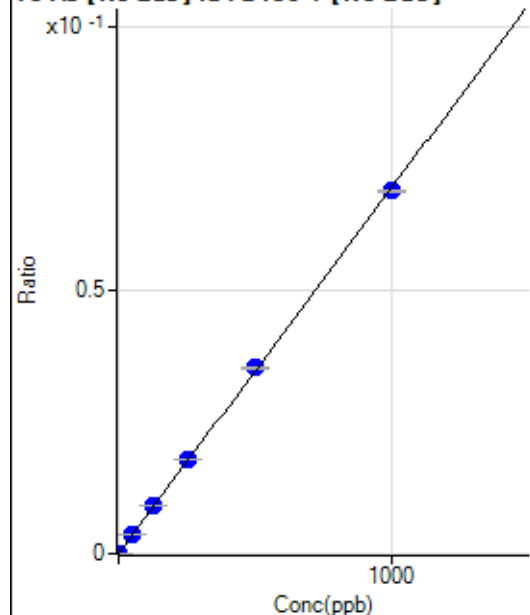
$$DL = 0.32$$

$$BEC = 0.6389$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-141.76	0.0000	P	-50.
2	☐	1.000	0.986	805.41	0.0001	P	46.6
3	☐	50.000	52.812	51305.22	0.0037	P	1.0
4	☐	125.000	132.144	125624.21	0.0092	P	0.4
5	☐	250.000	257.902	241033.15	0.0179	P	0.9
6	☐	500.000	509.695	474818.97	0.0354	P	1.1
7	☐	1000.000	992.143	933570.62	0.0688	P	0.6
8	☐			784.81	0.0001	P	11.7

$$y = 6.9395E-005 * x - 1.0514E-005$$

$$R = 0.9999$$

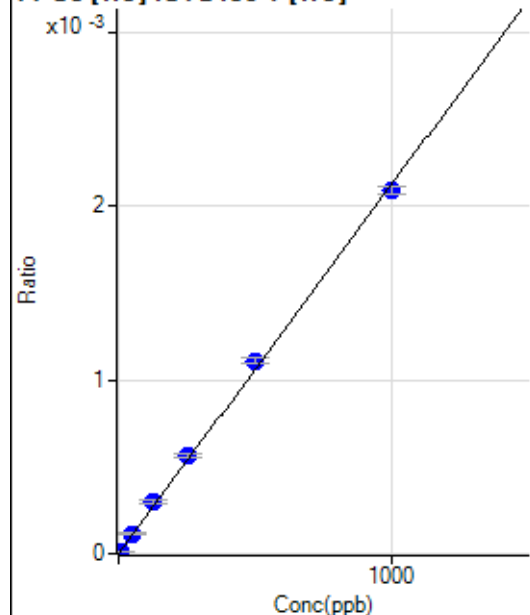
$$DL = 0.2289$$

$$BEC = -0.1515$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.236	25.56	0.0000	P	7.8
3	☐	50.000	54.349	221.12	0.0001	P	14.9
4	☐	125.000	138.220	546.69	0.0003	P	7.4
5	☐	250.000	265.564	1034.50	0.0006	P	5.1
6	☐	500.000	522.315	2027.95	0.0011	P	3.4
7	☐	1000.000	983.075	3811.68	0.0021	P	2.1
8	☐			1.11	0.0000	P	173.

$$y = 2.1215E-006 * x + 0.0000E+000$$

$$R = 0.9995$$

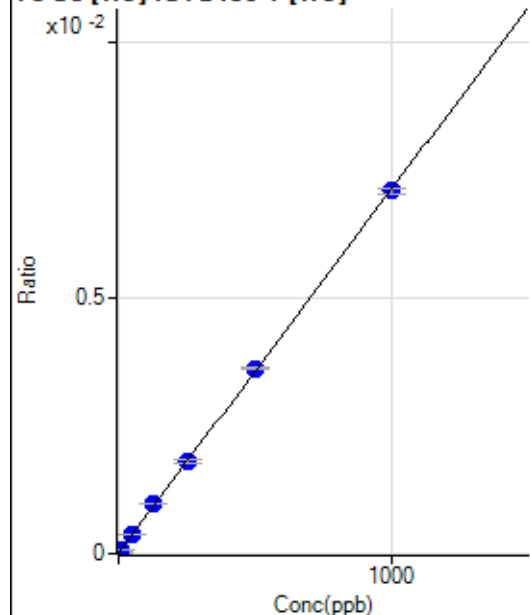
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	32.72	0.0000	P	19.7
2	☐	5.000	6.545	123.46	0.0001	P	16.4
3	☐	50.000	50.914	729.04	0.0004	P	2.8
4	☐	125.000	133.918	1810.01	0.0010	P	1.8
5	☐	250.000	251.911	3325.10	0.0018	P	2.8
6	☐	500.000	506.008	6623.79	0.0036	P	1.2
7	☐	1000.000	995.350	12979.96	0.0071	P	1.3
8	☐			26.54	0.0000	P	21.5

$$y = 7.1190\text{E-}006 * x + 1.7330\text{E-}005$$

$$R = 0.9999$$

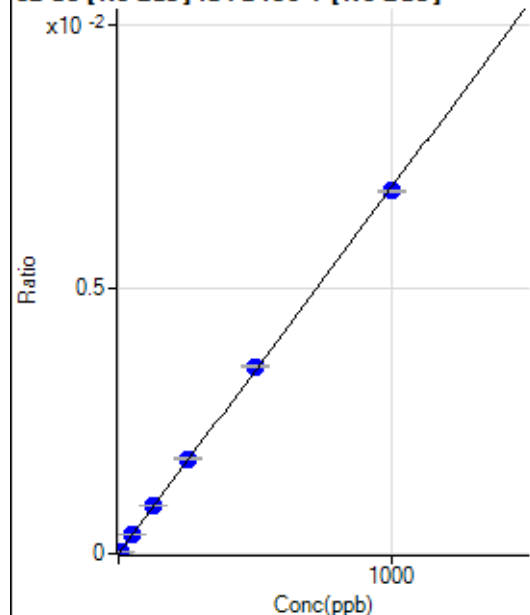
$$DL = 1.436$$

$$BEC = 2.434$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.13	0.0000	P	112.
2	☐	5.000	5.953	589.73	0.0000	P	12.0
3	☐	50.000	53.628	5225.66	0.0004	P	0.5
4	☐	125.000	133.041	12640.40	0.0009	P	0.0
5	☐	250.000	259.225	24184.43	0.0018	P	0.5
6	☐	500.000	511.536	47540.70	0.0035	P	0.8
7	☐	1000.000	990.735	92969.96	0.0069	P	0.9
8	☐			57.20	0.0000	P	19.7

$$y = 6.9186\text{E-}006 * x + 1.1965\text{E-}006$$

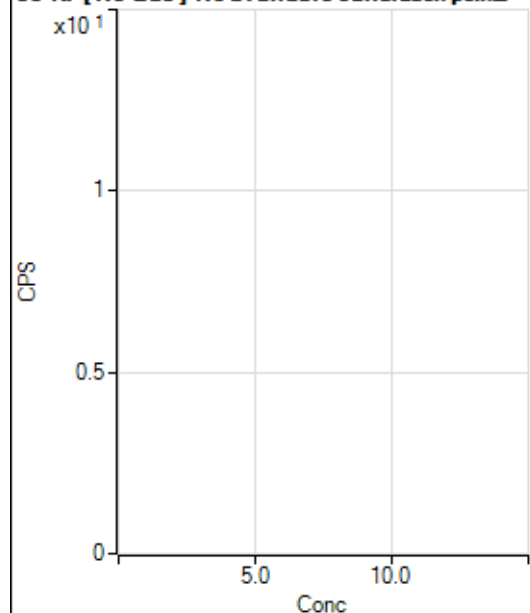
$$R = 0.9998$$

$$DL = 0.585$$

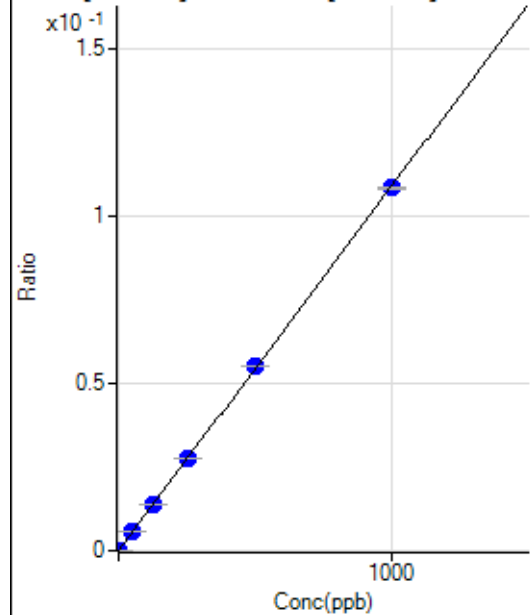
$$BEC = 0.1729$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			148.89		P	4.7
2	☐			133.33		P	15.6
3	☐			125.56		P	9.3
4	☐			142.23		P	26.7
5	☐			121.11		P	28.6
6	☐			148.89		P	18.1
7	☐			158.89		P	13.5
8	☐			166.67		P	10.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	277.79	0.0000	P	12.4
2	☐	1.000	1.001	1802.97	0.0001	P	5.7
3	☐	50.000	50.318	77266.52	0.0055	P	0.7
4	☐	125.000	126.051	188665.04	0.0138	P	0.8
5	☐	250.000	254.865	374536.99	0.0278	P	0.4
6	☐	500.000	505.678	740250.90	0.0551	P	0.6
7	☐	1000.000	995.797	1471828.89	0.1085	P	0.3
8	☐			6048.75	0.0005	P	8.1

$$y = 1.0897\text{E-}004 * x + 2.0596\text{E-}005$$

$$R = 1.0000$$

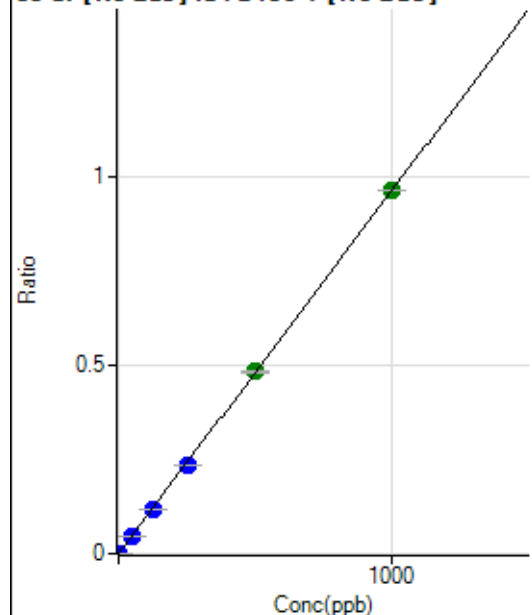
$$DL = 0.07037$$

$$BEC = 0.189$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	12.4
2	☐	1.000	1.033	13990.69	0.0010	P	2.2
3	☐	50.000	49.834	674558.00	0.0480	P	0.3
4	☐	125.000	124.485	1645969.45	0.1200	P	0.1
5	☐	250.000	244.451	3175663.70	0.2357	P	0.5
6	☐	500.000	501.987	6498430.40	0.4839	A	0.4
7	☐	1000.000	1000.466	13079238.92	0.9645	A	0.2
8	☐			49684.13	0.0039	P	0.7

$$y = 9.6400\text{E-}004 * x + 9.8755\text{E-}006$$

$$R = 1.0000$$

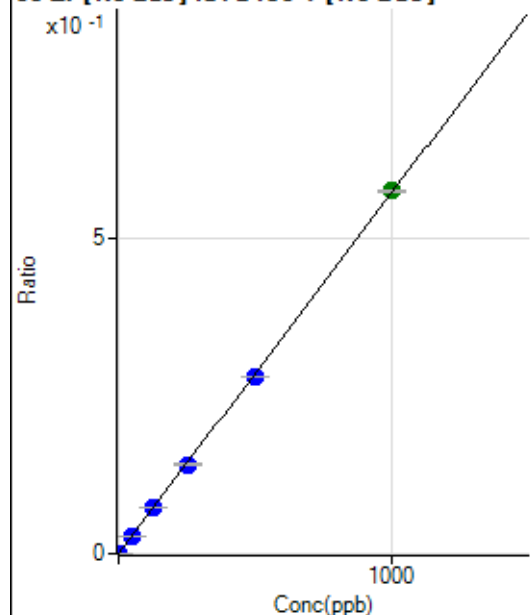
$$DL = 0.003803$$

$$BEC = 0.01024$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	527.81	0.0000	P	8.4
2	☐	1.000	0.934	7958.05	0.0006	P	4.0
3	☐	50.000	50.214	402747.62	0.0287	P	0.3
4	☐	125.000	125.856	985346.22	0.0718	P	0.1
5	☐	250.000	247.867	1906250.09	0.1415	P	0.0
6	☐	500.000	488.936	3746522.74	0.2790	P	0.3
7	☐	1000.000	1005.948	7783771.96	0.5740	A	0.3
8	☐			1947.44	0.0002	P	3.3

$$y = 5.7054\text{E-}004 * x + 3.9120\text{E-}005$$

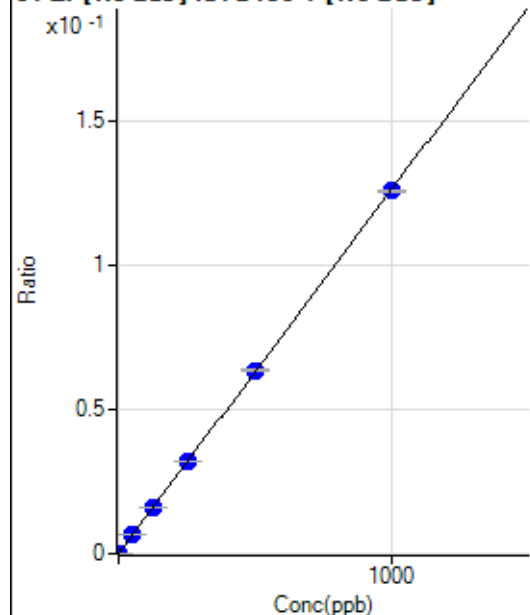
$$R = 0.9999$$

$$DL = 0.01718$$

$$BEC = 0.06857$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.01	0.0000	P	19.0
2	☐	1.000	0.970	1783.52	0.0001	P	8.7
3	☐	50.000	50.664	90002.30	0.0064	P	0.6
4	☐	125.000	127.987	221992.49	0.0162	P	0.8
5	☐	250.000	253.711	432318.47	0.0321	P	0.6
6	☐	500.000	504.078	855889.08	0.0637	P	0.8
7	☐	1000.000	996.627	1708801.02	0.1260	P	0.6
8	☐			394.47	0.0000	P	4.5

$$y = 1.2643\text{E-}004 * x + 5.5540\text{E-}006$$

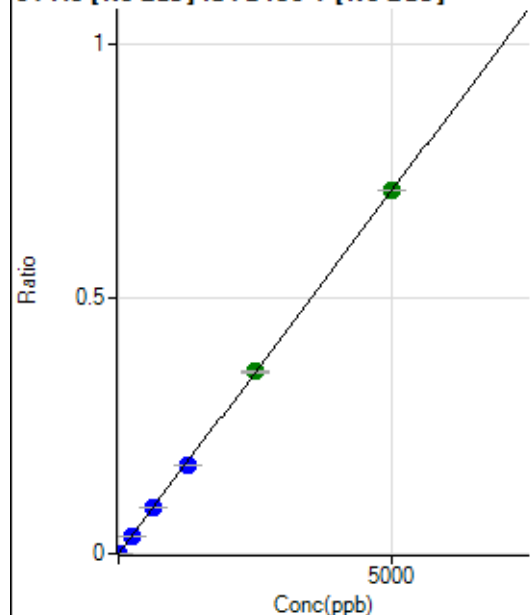
$$R = 1.0000$$

$$DL = 0.02504$$

$$BEC = 0.04393$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	205.57	0.0000	P	16.3
2	☐	5.000	4.907	9914.96	0.0007	P	3.3
3	☐	250.000	250.086	499344.34	0.0356	P	0.6
4	☐	625.000	625.794	1220348.07	0.0890	P	0.1
5	☐	1250.000	1225.896	2348693.06	0.1743	P	0.7
6	☐	2500.000	2509.069	4790186.91	0.3567	A	0.5
7	☐	5000.000	5001.388	9642426.87	0.7110	A	0.1
8	☐			4147.99	0.0003	P	2.6

$$y = 1.4216\text{E-}004 * x + 1.5218\text{E-}005$$

$$R = 1.0000$$

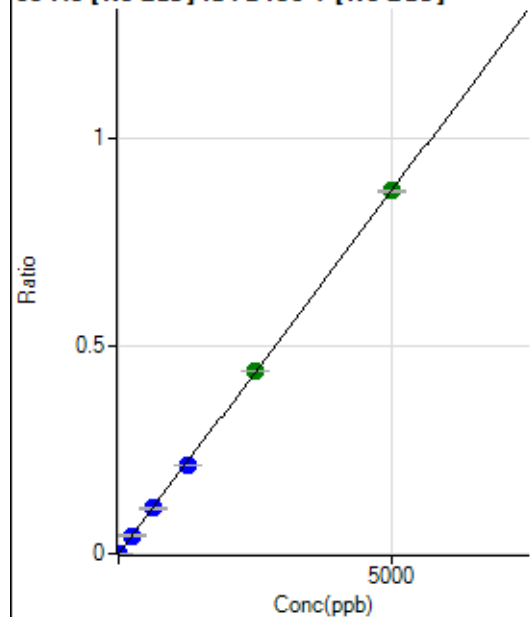
$$DL = 0.05242$$

$$BEC = 0.107$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	11.4
2	☐	5.000	5.019	12261.27	0.0009	P	1.1
3	☐	250.000	251.683	617171.35	0.0440	P	0.4
4	☐	625.000	623.158	1492706.47	0.1088	P	0.6
5	☐	1250.000	1225.325	2883921.66	0.2140	P	0.4
6	☐	2500.000	2513.431	5894780.13	0.4390	A	0.2
7	☐	5000.000	4999.599	11841492.97	0.8732	A	0.2
8	☐			5818.11	0.0005	P	2.5

$$y = 1.7465E-004 * x + 4.9343E-006$$

$$R = 1.0000$$

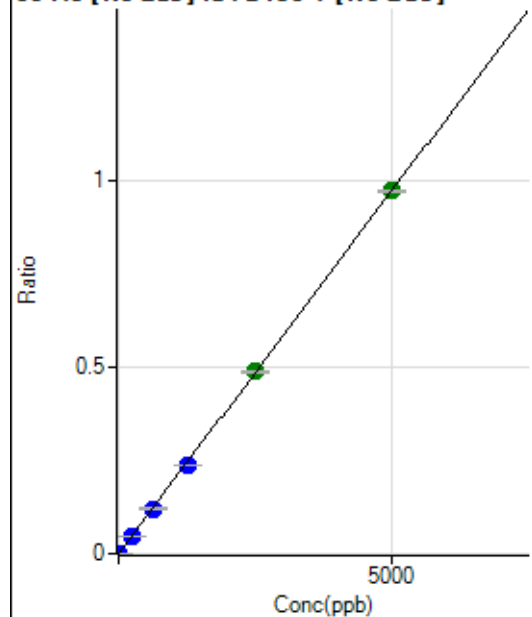
$$DL = 0.009665$$

$$BEC = 0.02825$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	31.2
2	☐	5.000	5.051	13807.20	0.0010	P	2.0
3	☐	250.000	248.856	680297.19	0.0485	P	0.2
4	☐	625.000	622.084	1661153.89	0.1211	P	0.7
5	☐	1250.000	1218.356	3196547.79	0.2372	P	0.8
6	☐	2500.000	2509.243	6560154.05	0.4885	A	0.6
7	☐	5000.000	5003.711	13211209.23	0.9742	A	0.5
8	☐			10315.26	0.0008	P	2.2

$$y = 1.9469E-004 * x + 9.2690E-006$$

$$R = 1.0000$$

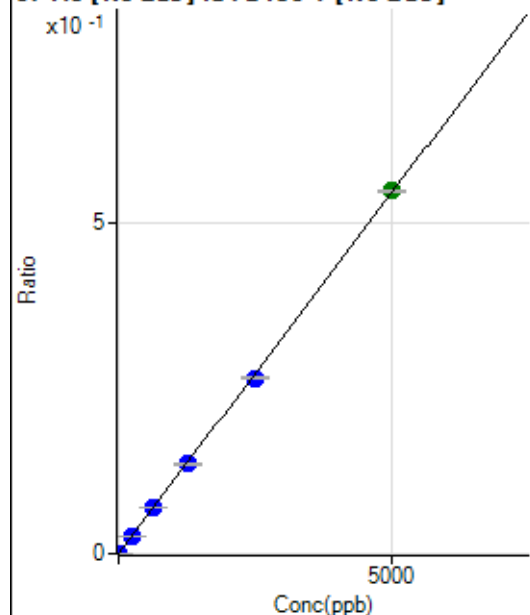
$$DL = 0.04456$$

$$BEC = 0.04761$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	43.4
2	☐	5.000	5.176	7874.63	0.0006	P	1.2
3	☐	250.000	252.408	385620.42	0.0275	P	0.5
4	☐	625.000	631.566	942547.59	0.0687	P	0.4
5	☐	1250.000	1243.301	1823105.31	0.1353	P	0.5
6	☐	2500.000	2437.542	3561708.98	0.2652	P	0.3
7	☐	5000.000	5031.962	7425279.59	0.5475	A	0.3
8	☐			3472.81	0.0003	P	6.8

$$y = 1.0881\text{E-}004 * x + 2.8712\text{E-}006$$

$$R = 0.9999$$

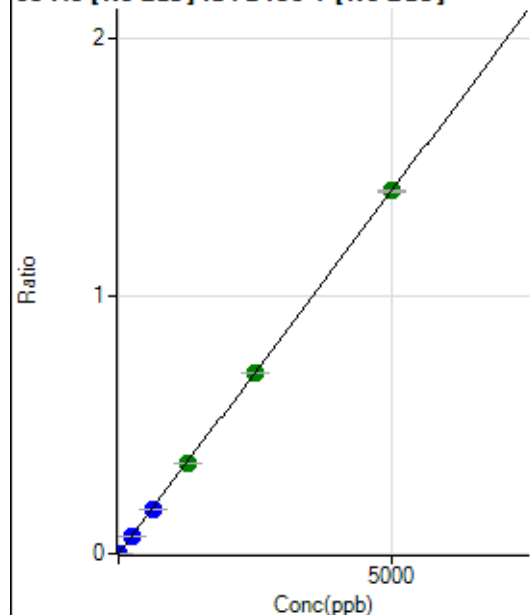
$$DL = 0.03436$$

$$BEC = 0.02639$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	36.3
2	☐	5.000	5.009	19708.78	0.0014	P	1.1
3	☐	250.000	249.621	985585.58	0.0702	P	0.4
4	☐	625.000	616.464	2377626.55	0.1734	P	0.8
5	☐	1250.000	1248.976	4733078.27	0.3512	A	0.8
6	☐	2500.000	2501.604	9446787.02	0.7035	A	0.2
7	☐	5000.000	5000.540	19069803.55	1.4062	A	0.6
8	☐			8366.69	0.0007	P	1.2

$$y = 2.8121\text{E-}004 * x + 8.2534\text{E-}006$$

$$R = 1.0000$$

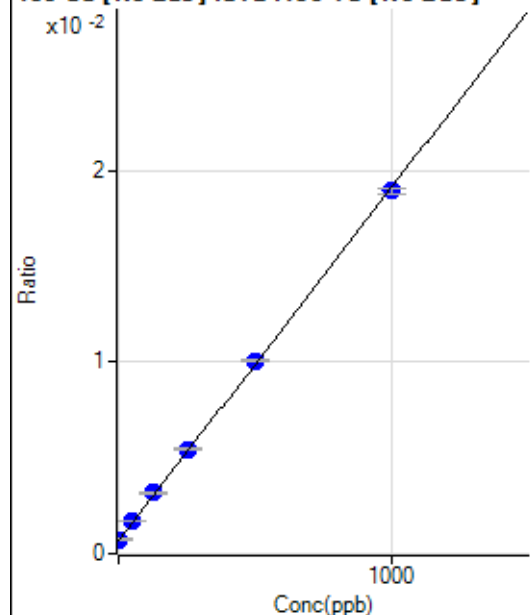
$$DL = 0.03196$$

$$BEC = 0.02935$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4356.39	0.0007	P	1.6
2	☐	1.000	3.511	4901.07	0.0007	P	7.4
3	☐	50.000	55.142	11677.46	0.0017	P	2.4
4	☐	125.000	137.041	22117.98	0.0032	P	3.0
5	☐	250.000	260.387	38241.59	0.0055	P	1.1
6	☐	500.000	510.545	71505.56	0.0101	P	1.1
7	☐	1000.000	990.366	136625.35	0.0189	P	1.3
8	☐			4097.99	0.0006	P	5.8

$$y = 1.8428\text{E-}005 * x + 6.6528\text{E-}004$$

$$R = 0.9998$$

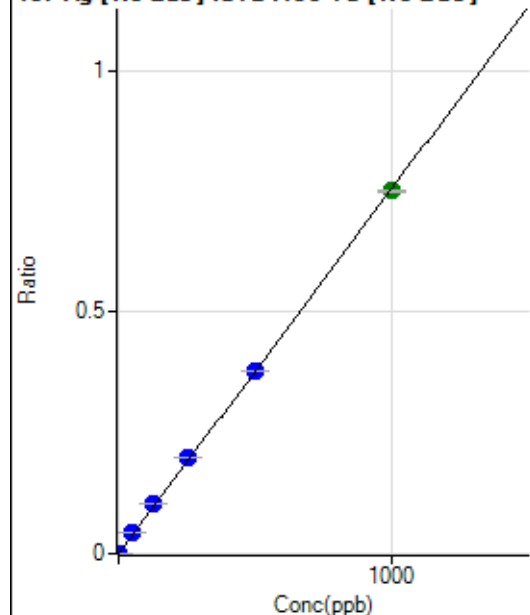
$$DL = 1.707$$

$$BEC = 36.1$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.12	0.0000	P	30.0
2	☐	1.000	1.274	6543.46	0.0010	P	5.3
3	☐	50.000	56.392	295498.86	0.0426	P	0.7
4	☐	125.000	136.774	715430.80	0.1032	P	0.7
5	☐	250.000	263.245	1390253.88	0.1986	P	0.3
6	☐	500.000	500.159	2678458.44	0.3774	P	0.4
7	☐	1000.000	994.818	5421279.55	0.7506	A	0.2
8	☐			222.24	0.0000	P	7.4

$$y = 7.5447\text{E-}004 * x + 1.3171\text{E-}005$$

$$R = 0.9999$$

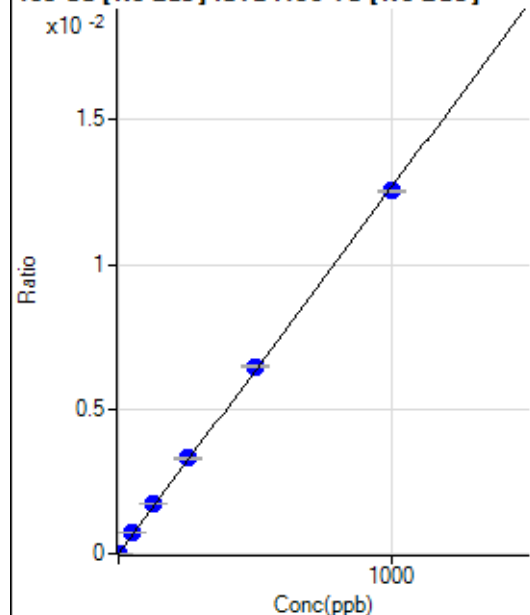
$$DL = 0.01573$$

$$BEC = 0.01746$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	114.
2	☐	1.000	1.143	102.78	0.0000	P	36.9
3	☐	50.000	55.852	4919.03	0.0007	P	0.0
4	☐	125.000	136.003	11949.70	0.0017	P	2.4
5	☐	250.000	259.931	23055.15	0.0033	P	0.5
6	☐	500.000	510.595	45917.44	0.0065	P	0.7
7	☐	1000.000	990.552	90645.65	0.0125	P	0.5
8	☐			16.67	0.0000	P	24.6

$$y = 1.2669\text{E-}005 * x + 8.4656\text{E-}007$$

$$R = 0.9998$$

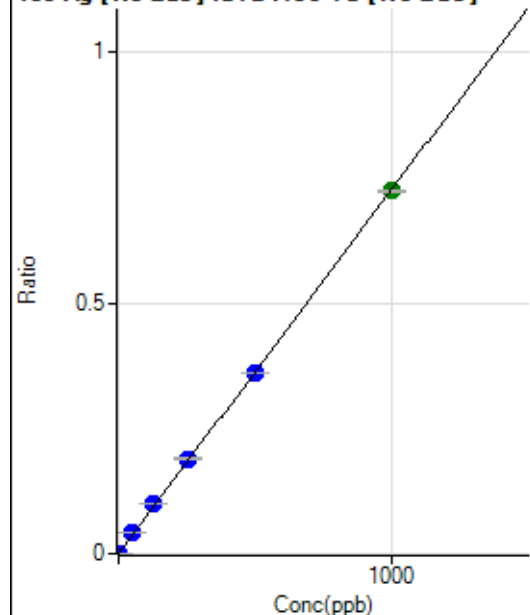
$$DL = 0.2304$$

$$BEC = 0.06682$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	72.6
2	☐	1.000	1.246	6112.70	0.0009	P	4.0
3	☐	50.000	56.085	282552.93	0.0407	P	0.9
4	☐	125.000	136.785	687958.00	0.0992	P	0.5
5	☐	250.000	261.420	1327544.81	0.1897	P	0.3
6	☐	500.000	496.859	2558496.69	0.3605	P	0.8
7	☐	1000.000	996.938	5224081.11	0.7233	A	0.3
8	☐			166.67	0.0000	P	32.4

$$y = 7.2549\text{E-}004 * x + 6.3945\text{E-}006$$

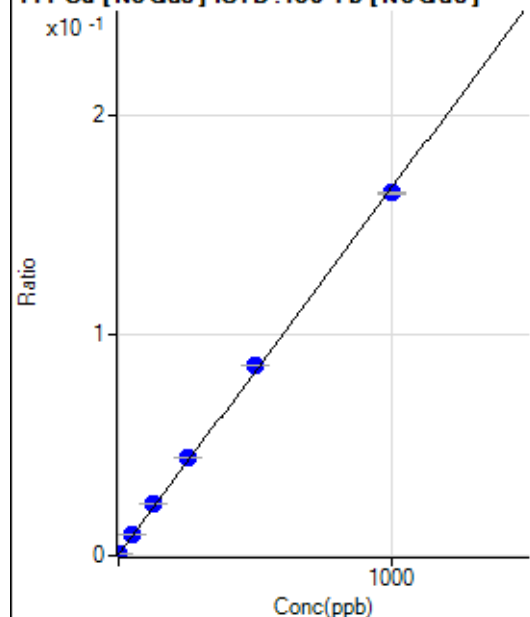
$$R = 0.9999$$

$$DL = 0.01919$$

$$BEC = 0.008814$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3066.42	0.0005	P	1.7
2	☐	1.000	1.365	4670.01	0.0007	P	7.3
3	☐	50.000	56.164	68156.06	0.0098	P	2.3
4	☐	125.000	136.832	161143.70	0.0232	P	0.2
5	☐	250.000	263.963	310833.55	0.0444	P	0.9
6	☐	500.000	515.670	612618.30	0.0863	P	0.4
7	☐	1000.000	986.887	1189968.18	0.1648	P	0.2
8	☐			2923.60	0.0004	P	6.0

$$y = 1.6647\text{E-}004 * x + 4.6829\text{E-}004$$

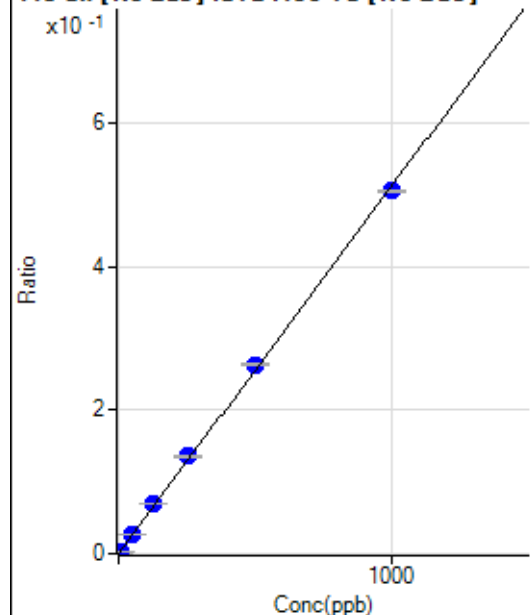
$$R = 0.9997$$

$$DL = 0.1411$$

$$BEC = 2.813$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	530.59	0.0001	P	7.6
2	☐	5.000	5.811	20549.08	0.0031	P	2.8
3	☐	50.000	54.366	194055.64	0.0279	P	0.6
4	☐	125.000	134.885	479850.05	0.0692	P	0.8
5	☐	250.000	264.470	949456.90	0.1356	P	0.3
6	☐	500.000	514.364	1871931.27	0.2637	P	0.5
7	☐	1000.000	987.742	3657545.83	0.5064	P	0.3
8	☐			1280.67	0.0002	P	5.2

$$y = 5.1259\text{E-}004 * x + 8.1024\text{E-}005$$

$$R = 0.9997$$

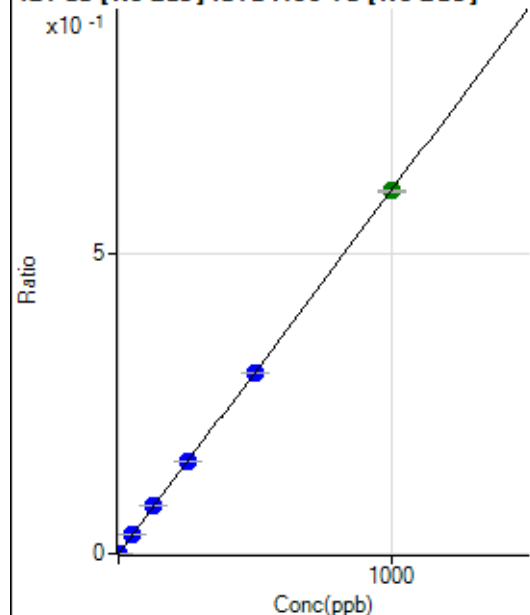
$$DL = 0.03599$$

$$BEC = 0.1581$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.68	0.0000	P	5.4
2	☐	2.000	2.131	8883.74	0.0013	P	4.5
3	☐	50.000	52.904	223163.76	0.0321	P	0.9
4	☐	125.000	131.820	554873.31	0.0800	P	0.3
5	☐	250.000	255.879	1087346.67	0.1553	P	0.3
6	☐	500.000	498.715	2148879.24	0.3027	P	0.3
7	☐	1000.000	998.175	4376470.71	0.6059	A	0.5
8	☐			4689.86	0.0007	P	5.8

$$y = 6.0700\text{E-}004 * x + 2.9285\text{E-}005$$

$$R = 1.0000$$

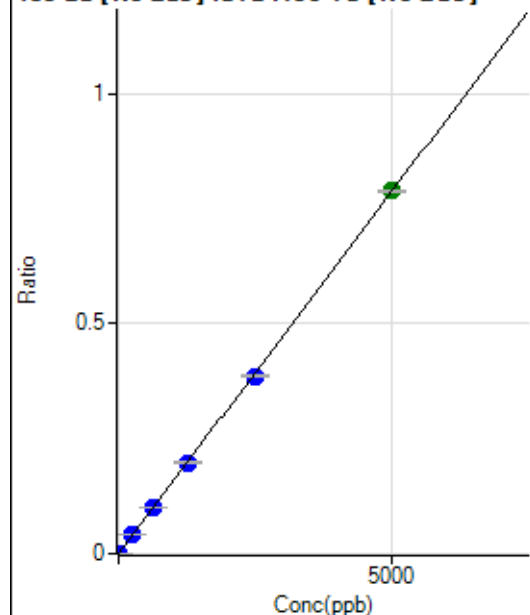
$$DL = 0.007768$$

$$BEC = 0.04825$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	58.7
2	☐	10.000	11.276	11922.20	0.0018	P	0.4
3	☐	250.000	261.272	285018.21	0.0411	P	1.1
4	☐	625.000	642.753	700043.07	0.1010	P	0.8
5	☐	1250.000	1260.195	1385866.95	0.1980	P	0.8
6	☐	2500.000	2457.793	2740825.32	0.3861	P	0.5
7	☐	5000.000	5015.769	5691770.57	0.7880	A	0.4
8	☐			541.70	0.0001	P	9.2

$$y = 1.5711\text{E-}004 * x + 3.8320\text{E-}006$$

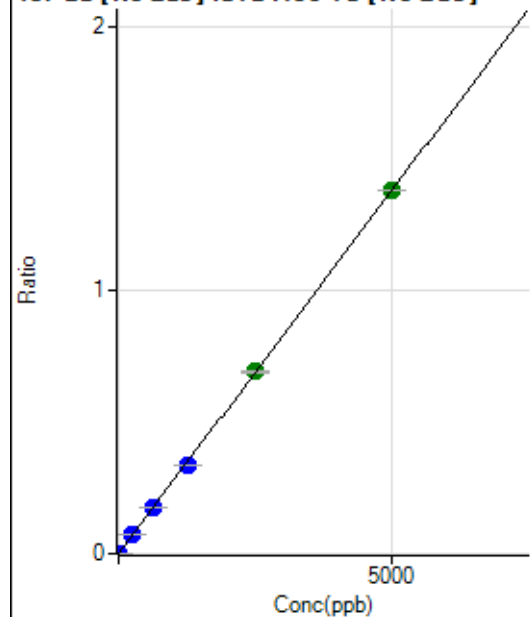
$$R = 0.9999$$

$$DL = 0.04296$$

$$BEC = 0.02439$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	25.1
2	☐	10.000	10.841	20068.03	0.0030	P	1.0
3	☐	250.000	258.003	492569.95	0.0709	P	0.6
4	☐	625.000	633.182	1206824.88	0.1741	P	0.5
5	☐	1250.000	1230.662	2368344.02	0.3384	P	0.2
6	☐	2500.000	2506.421	4891178.80	0.6891	A	0.4
7	☐	5000.000	5000.200	9929540.59	1.3747	A	0.1
8	☐			797.29	0.0001	P	7.3

$$y = 2.7494E-004 * x + 8.0746E-006$$

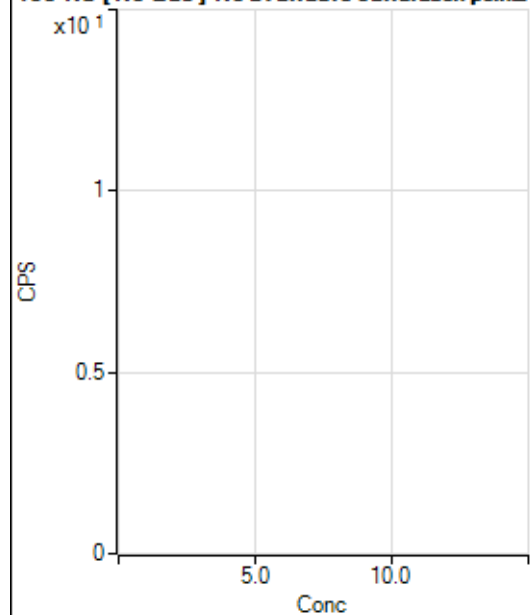
$$R = 1.0000$$

$$DL = 0.02214$$

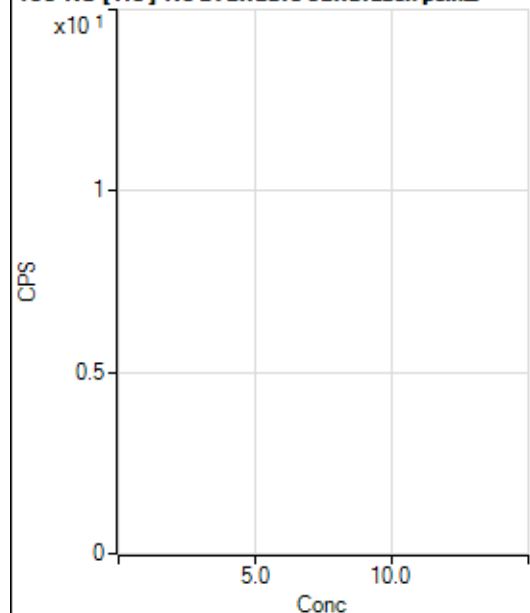
$$BEC = 0.02937$$

Weight: <None>

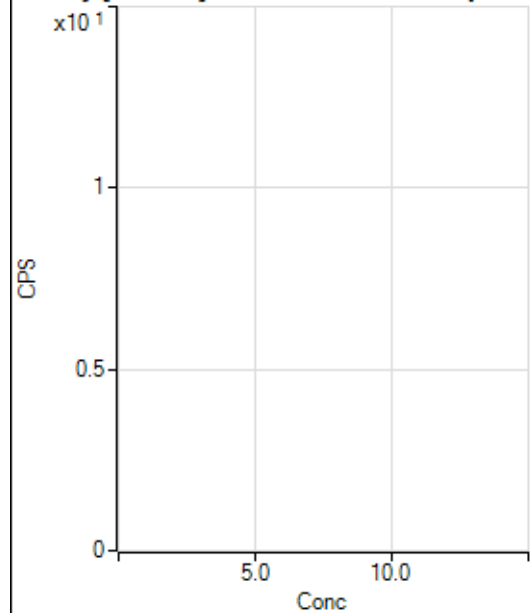
Min Conc: 0

150 Nd [No Gas] No available calibration points

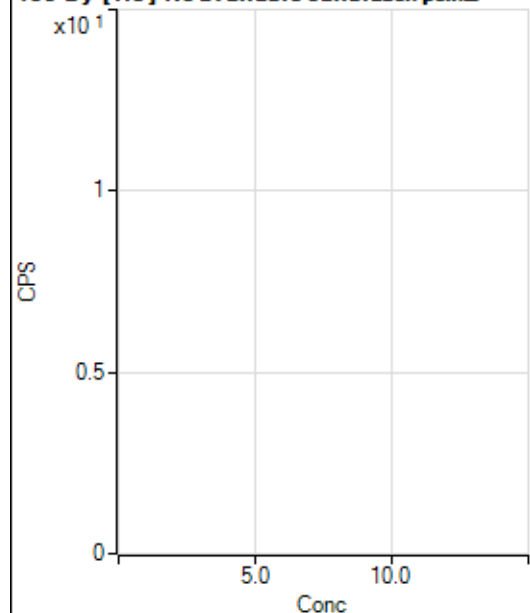
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			8.89		P	173.
2	☐			2.22		P	173.
3	☐			35.56		P	21.6
4	☐			53.33		P	45.1
5	☐			91.12		P	40.3
6	☐			195.57		P	7.1
7	☐			415.58		P	19.1
8	☐			104.45		P	29.5

150 Nd [He] No available calibration points

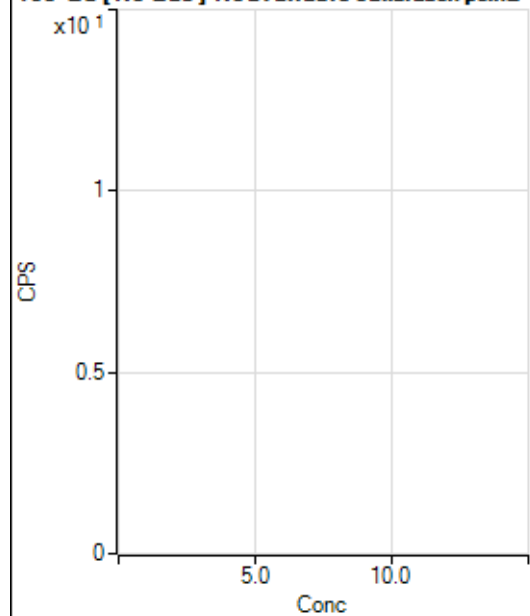
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			4.45		P	86.6
3	☐			11.11		P	34.6
4	☐			10.00		P	33.3
5	☐			13.33		P	25.0
6	☐			17.78		P	21.7
7	☐			47.78		P	38.4
8	☐			37.78		P	28.4

156 Dy [No Gas] No available calibration points

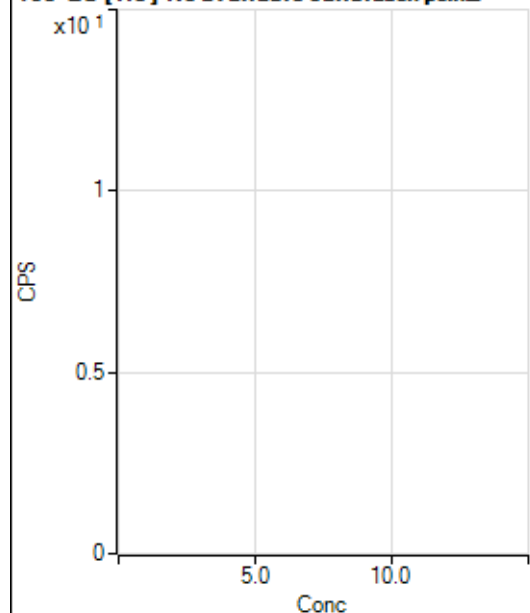
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	173.
2	☐			11.11		P	86.6
3	☐			5.56		P	173.
4	☐			16.67		P	50.0
5	☐			16.67		P	NaN
6	☐			61.11		P	43.8
7	☐			88.89		P	37.9
8	☐			61.12		P	34.3

156 Dy [He] No available calibration points

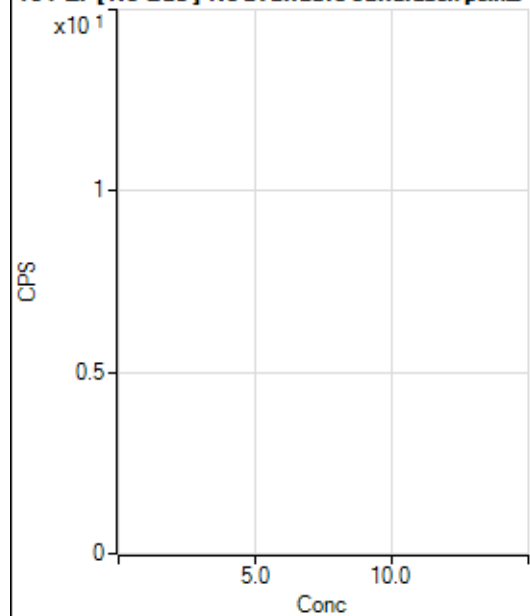
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	0.0
2	☐			14.44		P	13.4
3	☐			17.78		P	10.8
4	☐			21.11		P	9.1
5	☐			34.45		P	20.1
6	☐			47.78		P	26.4
7	☐			110.01		P	22.9
8	☐			35.56		P	28.6

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

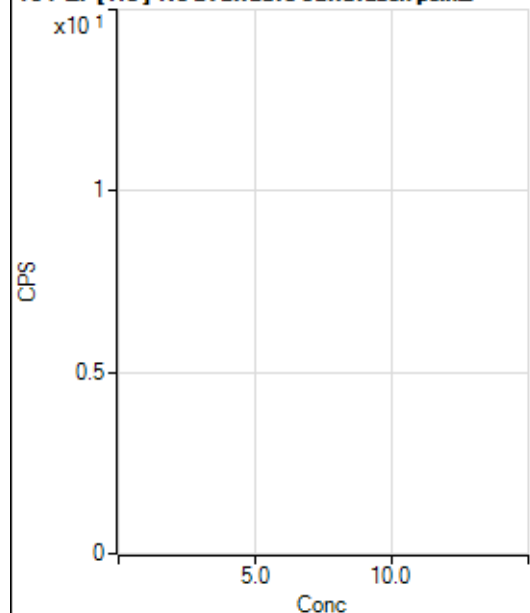
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	57.7
2	☐			50.00		P	60.1
3	☐			33.33		P	25.0
4	☐			44.45		P	28.7
5	☐			58.34		P	28.6
6	☐			50.00		P	28.9
7	☐			52.78		P	24.1
8	☐			66.67		P	12.5

160 Gd [He] No available calibration points

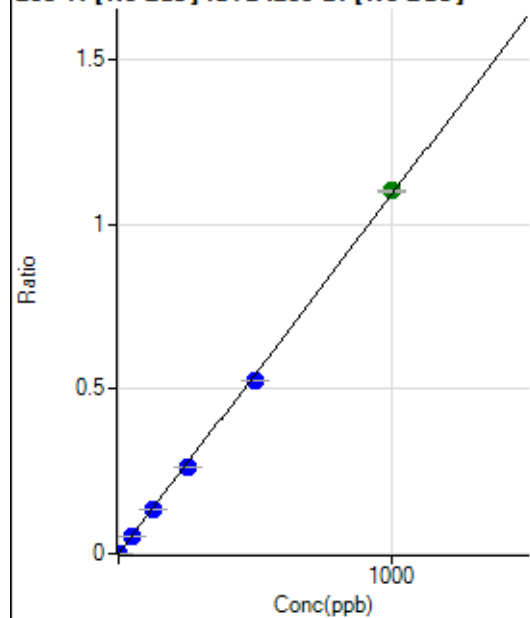
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			111.11		P	15.4
2	☐			101.11		P	15.2
3	☐			123.34		P	8.1
4	☐			104.45		P	15.1
5	☐			153.34		P	15.2
6	☐			123.34		P	11.8
7	☐			127.78		P	21.2
8	☐			132.23		P	10.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	52.9
2	☐			27.78		P	96.4
3	☐			47.22		P	27.0
4	☐			52.78		P	18.2
5	☐			44.44		P	96.2
6	☐			44.45		P	10.8
7	☐			72.23		P	24.0
8	☐			72.23		P	13.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.67		P	18.2
2	☐			38.89		P	34.6
3	☐			34.44		P	53.3
4	☐			42.22		P	22.8
5	☐			27.78		P	30.2
6	☐			42.22		P	18.2
7	☐			45.56		P	25.7
8	☐			44.44		P	26.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	408.36	0.0001	P	14.1
2	☐	1.000	0.957	4345.35	0.0012	P	2.3
3	☐	50.000	48.991	207818.40	0.0535	P	0.2
4	☐	125.000	123.693	528510.90	0.1349	P	0.5
5	☐	250.000	243.235	1056933.08	0.2652	P	0.3
6	☐	500.000	481.849	2105869.10	0.5253	P	0.3
7	☐	1000.000	1010.981	4413139.34	1.1021	A	0.4
8	☐			666.71	0.0002	P	6.8

$$y = 0.0011 * x + 1.1046E-004$$

$$R = 0.9997$$

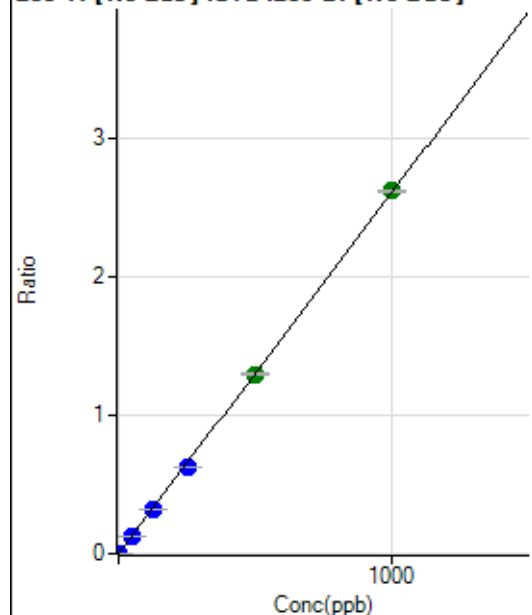
$$DL = 0.043$$

$$BEC = 0.1013$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	575.04	0.0002	P	4.7
2	☐	1.000	1.011	10501.79	0.0028	P	2.1
3	☐	50.000	49.177	497872.38	0.1282	P	0.2
4	☐	125.000	122.339	1248215.68	0.3187	P	0.3
5	☐	250.000	239.101	2481389.21	0.6227	P	0.4
6	☐	500.000	495.899	5176517.30	1.2914	A	0.9
7	☐	1000.000	1005.149	10480299.45	2.6174	A	0.7
8	☐			1113.99	0.0003	P	1.3

$$y = 0.0026 * x + 1.5553E-004$$

$$R = 0.9999$$

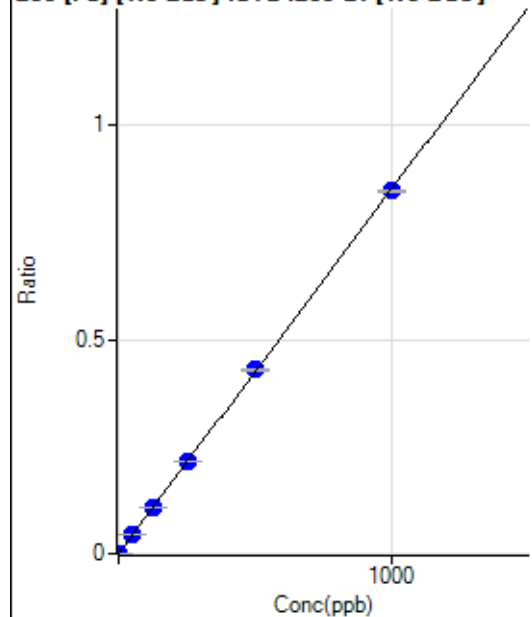
$$DL = 0.008399$$

$$BEC = 0.05973$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	594.48	0.0002	P	7.6
2	☐	1.000	1.038	3932.18	0.0010	P	2.3
3	☐	50.000	51.307	170183.60	0.0438	P	0.6
4	☐	125.000	128.459	428765.93	0.1095	P	0.7
5	☐	250.000	254.205	862639.44	0.2165	P	0.7
6	☐	500.000	505.367	1724591.90	0.4302	P	0.6
7	☐	1000.000	995.768	3393752.54	0.8476	P	0.7
8	☐			2820.76	0.0008	P	2.7

$$y = 8.5100E-004 * x + 1.6083E-004$$

$$R = 1.0000$$

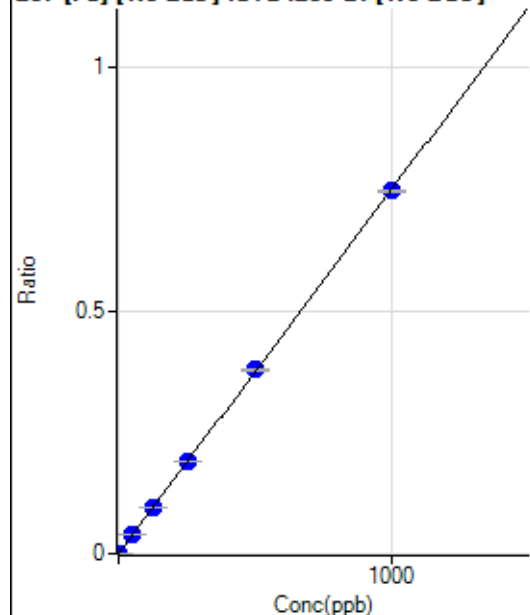
$$DL = 0.04298$$

$$BEC = 0.189$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	592.63	0.0002	P	10.4
2	☐	1.000	1.072	3628.38	0.0010	P	3.7
3	☐	50.000	50.947	148769.09	0.0383	P	0.5
4	☐	125.000	127.065	373255.79	0.0953	P	0.2
5	☐	250.000	252.593	754283.63	0.1893	P	0.5
6	☐	500.000	505.202	1517003.11	0.3784	P	0.7
7	☐	1000.000	996.445	2988230.39	0.7463	P	0.5
8	☐			2455.85	0.0007	P	2.0

$$y = 7.4877\text{E-}004 * x + 1.6025\text{E-}004$$

$$R = 1.0000$$

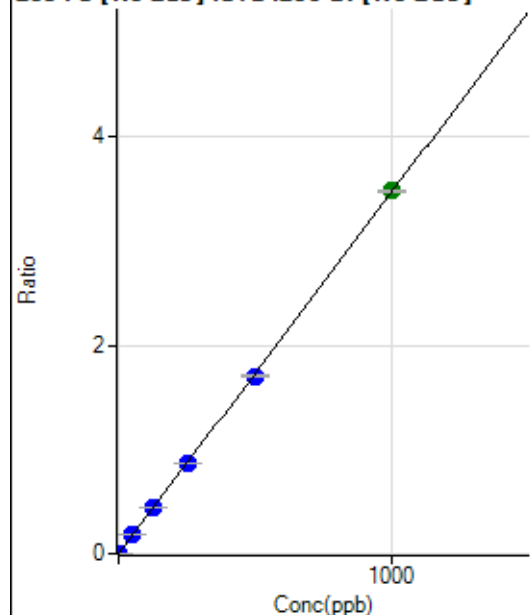
$$DL = 0.0668$$

$$BEC = 0.214$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2072.35	0.0006	P	2.8
2	☐	1.000	1.046	15785.56	0.0042	P	1.3
3	☐	50.000	50.618	684056.68	0.1761	P	0.2
4	☐	125.000	125.768	1710840.24	0.4368	P	0.1
5	☐	250.000	248.381	3435396.54	0.8621	P	0.4
6	☐	500.000	491.906	6842148.85	1.7069	P	0.4
7	☐	1000.000	1004.325	13952223.95	3.4844	A	0.2
8	☐			10742.70	0.0031	P	0.4

$$y = 0.0035 * x + 5.6057\text{E-}004$$

$$R = 0.9999$$

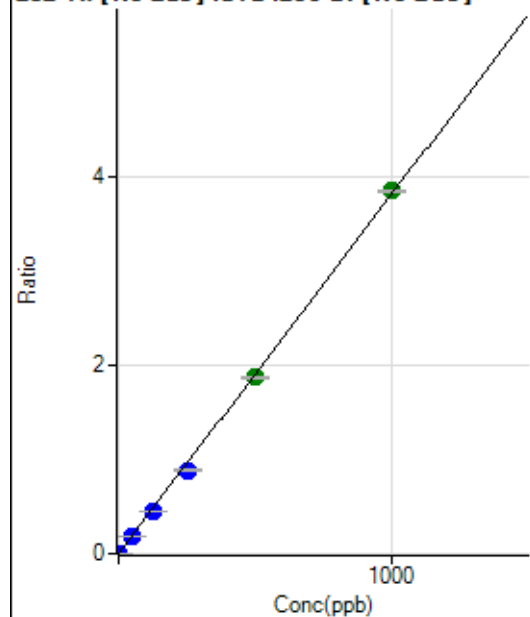
$$DL = 0.01346$$

$$BEC = 0.1616$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1737.21	0.0005	P	2.8
2	☐	1.000	0.863	14159.91	0.0038	P	0.9
3	☐	50.000	46.300	687039.98	0.1769	P	0.4
4	☐	125.000	116.883	1746375.66	0.4459	P	0.3
5	☐	250.000	232.279	3529111.16	0.8857	P	0.5
6	☐	500.000	491.168	7505004.97	1.8723	A	0.8
7	☐	1000.000	1010.046	15414876.50	3.8497	A	0.4
8	☐			2792.98	0.0008	P	8.2

$$y = 0.0038 * x + 4.6999E-004$$

$$R = 0.9998$$

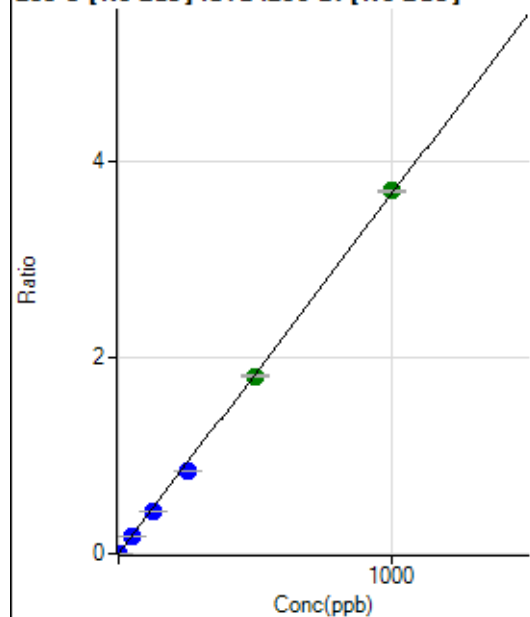
$$DL = 0.01037$$

$$BEC = 0.1233$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2103.04	0.0006	P	11.2
2	☐	1.000	0.926	14923.01	0.0040	P	3.7
3	☐	50.000	46.497	663597.85	0.1709	P	0.6
4	☐	125.000	116.942	1679848.36	0.4289	P	0.2
5	☐	250.000	231.134	3375783.88	0.8472	P	0.3
6	☐	500.000	494.150	7257727.68	1.8106	A	0.6
7	☐	1000.000	1008.824	14798688.87	3.6958	A	0.2
8	☐			2261.42	0.0006	P	2.3

$$y = 0.0037 * x + 5.6862E-004$$

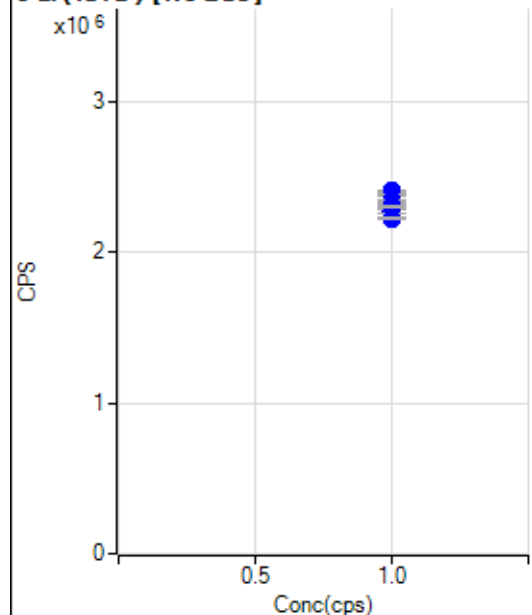
$$R = 0.9998$$

$$DL = 0.05204$$

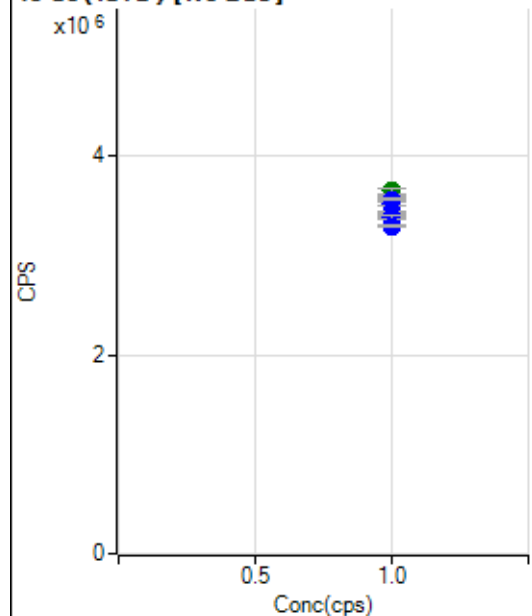
$$BEC = 0.1552$$

Weight: <None>

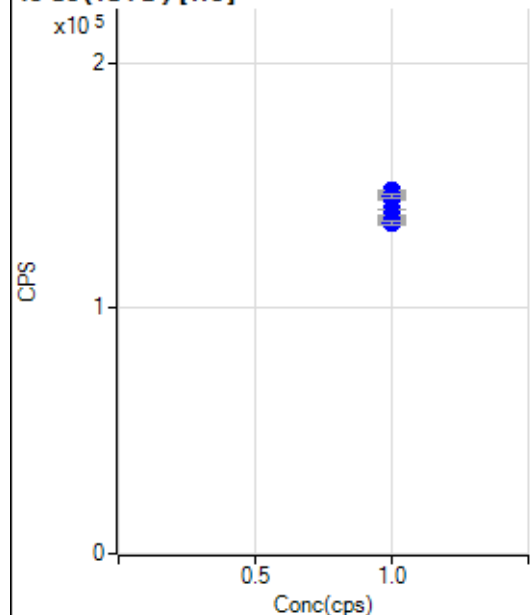
Min Conc: 0

6 Li (ISTD) [No Gas]

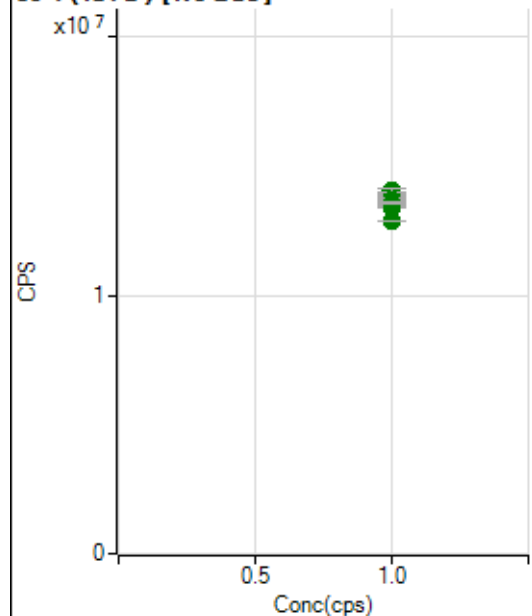
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2273780.34		P	0.9
2	☐	1.000		2326292.78		P	0.3
3	☐	1.000		2406596.38		P	0.6
4	☐	1.000		2380105.51		P	0.6
5	☐	1.000		2340777.07		P	0.4
6	☐	1.000		2312397.44		P	0.4
7	☐	1.000		2299542.55		P	0.4
8	☐	1.000		2224629.21		P	0.4

45 Sc (ISTD) [No Gas]

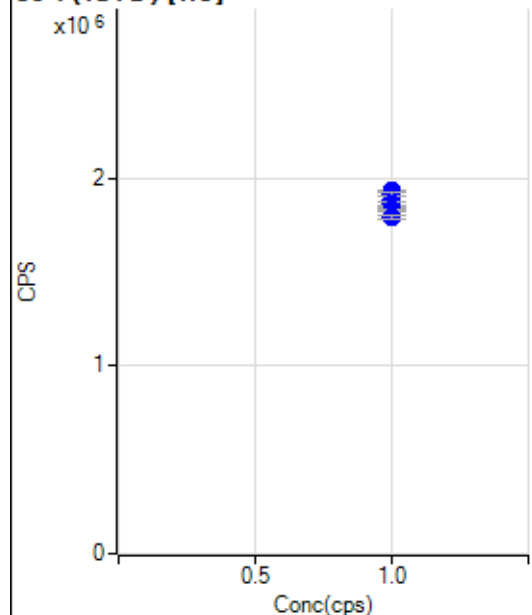
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3523254.72		P	0.8
2	☐	1.000		3609998.61		M	0.6
3	☐	1.000		3653206.72		A	1.6
4	☐	1.000		3564334.24		P	0.5
5	☐	1.000		3443972.95		P	0.5
6	☐	1.000		3394901.94		P	0.5
7	☐	1.000		3391947.60		P	0.8
8	☐	1.000		3300433.75		P	0.7

45 Sc (ISTD) [He]

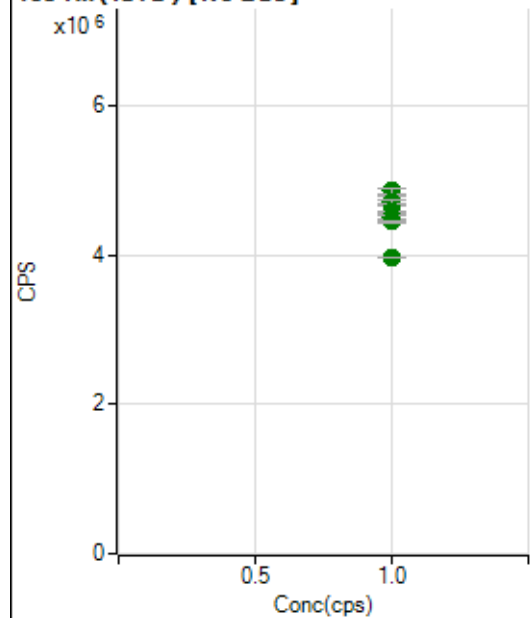
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		144513.25		P	1.2
2	☐	1.000		147689.39		P	0.8
3	☐	1.000		145785.46		P	0.9
4	☐	1.000		140123.75		P	0.1
5	☐	1.000		137402.09		P	0.2
6	☐	1.000		135045.07		P	0.2
7	☐	1.000		135555.37		P	1.1
8	☐	1.000		134873.81		P	1.0

89 Y (ISTD) [No Gas]

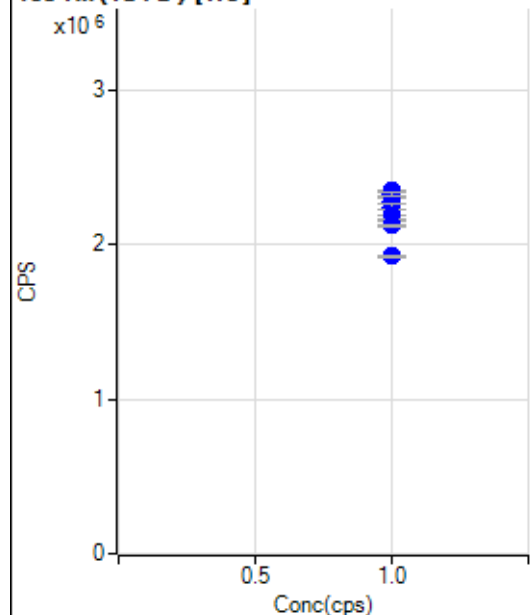
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13500412.30		A	1.1
2	☐	1.000		13909841.18		A	0.5
3	☐	1.000		14038568.40		A	1.0
4	☐	1.000		13714896.88		A	0.4
5	☐	1.000		13475797.02		A	0.3
6	☐	1.000		13428571.19		A	0.6
7	☐	1.000		13561301.32		A	0.5
8	☐	1.000		12847303.70		A	0.2

89 Y (ISTD) [He]

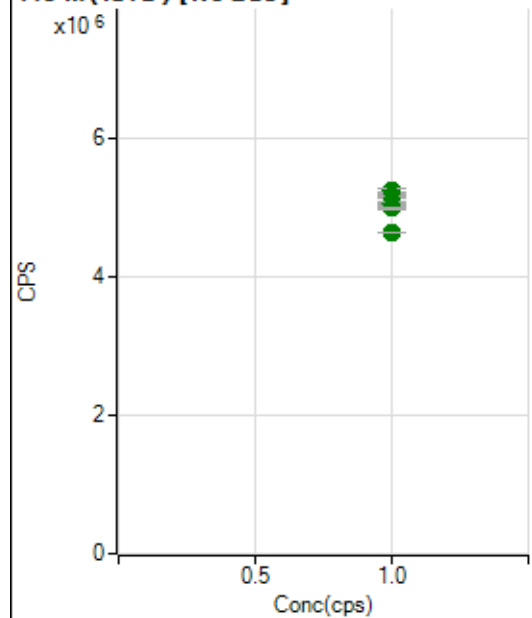
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1886975.20		P	1.6
2	☐	1.000		1932185.30		P	0.5
3	☐	1.000		1919440.00		P	1.0
4	☐	1.000		1864706.84		P	1.2
5	☐	1.000		1836344.50		P	0.3
6	☐	1.000		1830003.18		P	0.3
7	☐	1.000		1827483.90		P	1.0
8	☐	1.000		1793254.40		P	1.0

103 Rh (ISTD) [No Gas]

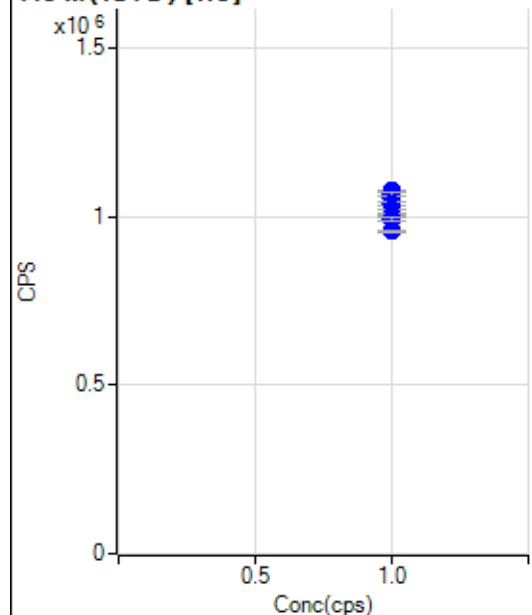
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4667351.62		A	0.6
2	☐	1.000		4798081.62		A	0.1
3	☐	1.000		4854258.05		A	1.3
4	☐	1.000		4705732.79		A	0.8
5	☐	1.000		4570452.40		A	0.6
6	☐	1.000		4491127.44		A	1.1
7	☐	1.000		4438338.90		A	0.4
8	☐	1.000		3955802.95		A	0.2

103 Rh (ISTD) [He]

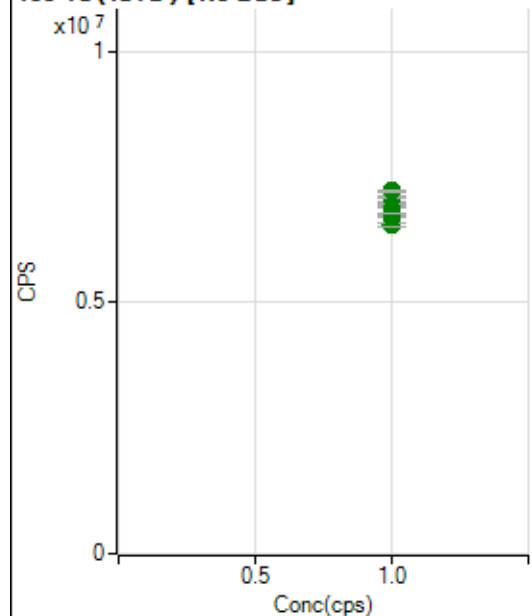
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2283742.36		P	1.7
2	☐	1.000		2350837.38		P	0.3
3	☐	1.000		2325087.95		P	1.0
4	☐	1.000		2248093.07		P	1.2
5	☐	1.000		2194972.03		P	0.1
6	☐	1.000		2165257.31		P	0.6
7	☐	1.000		2127386.34		P	0.7
8	☐	1.000		1927478.91		P	0.4

115 In (ISTD) [No Gas]

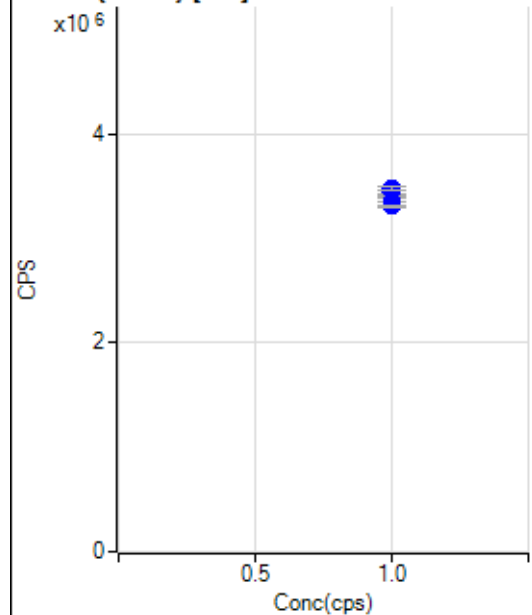
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5008254.87		A	0.6
2	☐	1.000		5177334.24		A	0.5
3	☐	1.000		5238668.56		A	1.1
4	☐	1.000		5155168.98		A	0.4
5	☐	1.000		5068160.30		A	0.4
6	☐	1.000		5054776.27		A	0.8
7	☐	1.000		4986932.18		A	0.4
8	☐	1.000		4643859.24		A	0.2

115 In (ISTD) [He]

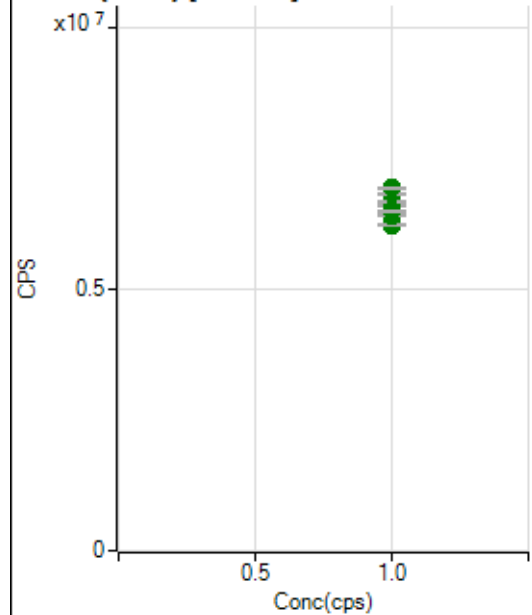
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1052765.73		P	1.8
2	☐	1.000		1076255.02		P	0.7
3	☐	1.000		1067709.98		P	1.1
4	☐	1.000		1038309.88		P	1.4
5	☐	1.000		1022554.27		P	0.1
6	☐	1.000		1006585.04		P	0.3
7	☐	1.000		993220.16		P	1.3
8	☐	1.000		955713.88		P	0.7

159 Tb (ISTD) [No Gas]

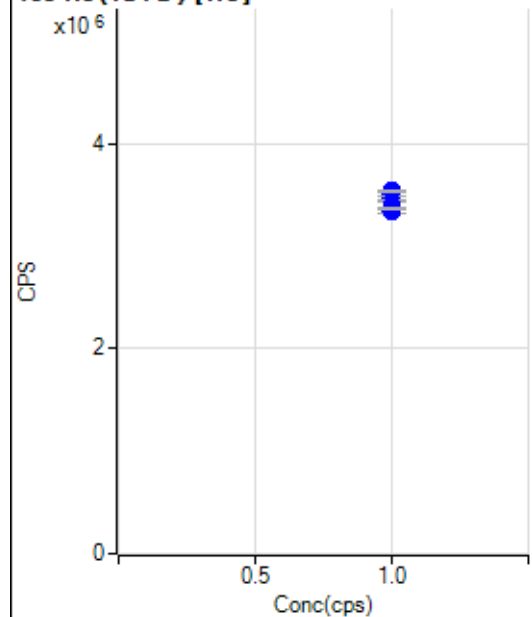
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6547532.40		A	1.0
2	☐	1.000		6715115.66		A	0.8
3	☐	1.000		6943605.59		A	1.5
4	☐	1.000		6932108.30		A	0.0
5	☐	1.000		6999477.81		A	0.4
6	☐	1.000		7097885.87		A	0.9
7	☐	1.000		7222854.34		A	0.2
8	☐	1.000		6777754.48		A	0.4

159 Tb (ISTD) [He]

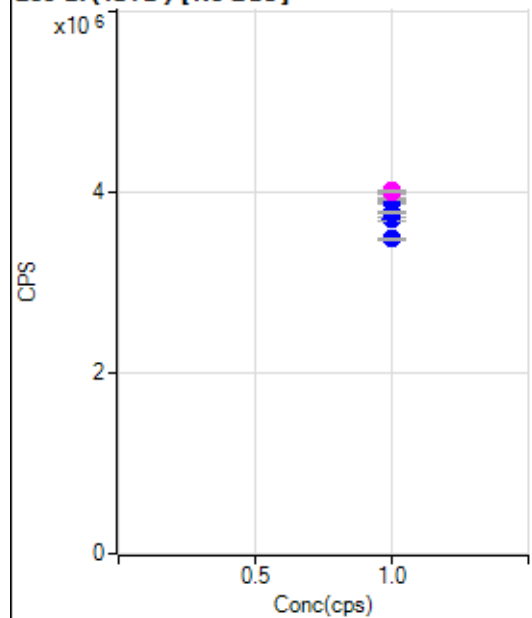
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3322200.44		P	1.6
2	☐	1.000		3398652.62		P	0.3
3	☐	1.000		3449467.34		P	0.8
4	☐	1.000		3407561.79		P	1.1
5	☐	1.000		3419948.80		P	0.1
6	☐	1.000		3463453.21		P	0.2
7	☐	1.000		3477721.30		P	1.0
8	☐	1.000		3309958.73		P	0.4

165 Ho (ISTD) [No Gas]

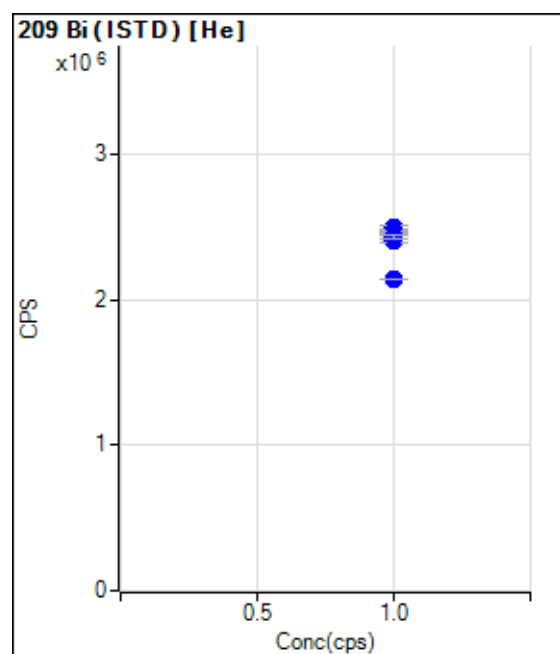
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6232747.19		A	0.4
2	☐	1.000		6403845.59		A	0.5
3	☐	1.000		6578746.63		A	1.7
4	☐	1.000		6592925.10		A	0.4
5	☐	1.000		6687738.13		A	0.5
6	☐	1.000		6826229.41		A	0.4
7	☐	1.000		6938610.74		A	0.5
8	☐	1.000		6503198.80		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3342535.75		P	1.2
2	☐	1.000		3427491.13		P	0.2
3	☐	1.000		3462549.91		P	0.9
4	☐	1.000		3435827.90		P	0.7
5	☐	1.000		3466697.76		P	0.7
6	☐	1.000		3505248.38		P	0.5
7	☐	1.000		3536562.13		P	0.8
8	☐	1.000		3357593.25		P	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3696688.97		P	0.7
2	☐	1.000		3767249.94		P	0.2
3	☐	1.000		3883503.31		P	0.5
4	☐	1.000		3916540.05		P	0.6
5	☐	1.000		3984727.37		P	0.2
6	☐	1.000		4008527.65		M	0.6
7	☐	1.000		4004262.65		M	0.6
8	☐	1.000		3482191.86		P	0.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2410130.81		P	1.3
2	☐	1.000		2469790.96		P	0.5
3	☐	1.000		2496802.11		P	1.0
4	☐	1.000		2469279.42		P	0.9
5	☐	1.000		2468327.10		P	0.4
6	☐	1.000		2475047.97		P	0.1
7	☐	1.000		2435463.82		P	0.9
8	☐	1.000		2144752.99		P	0.1

US EPA Tune Check Sample Report

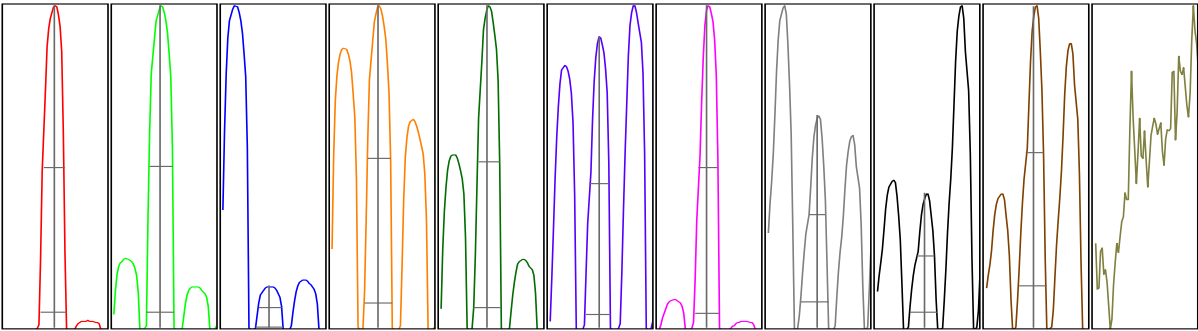
Batch Folder D:\ICP-MS Data\P7081219 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6592	0.68	5.00	
24	188716	0.77	5.00	
25	25016	0.62	5.00	
26	28237	0.91	5.00	
59	43818	0.66	5.00	
113	6330	0.87	5.00	
115	75817	2.09	5.00	
206	15883	1.04	5.00	
207	15035	0.79	5.00	
208	34322	0.83	5.00	
220	92	3.65		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6532	6560	6637	6607	6626
24	186988	187345	190096	189188	189964
25	24783	24961	25194	25065	25078
26	27902	28020	28394	28390	28479
59	43396	43649	43982	44096	43967
113	6393	6371	6317	6318	6251
115	77996	76438	76033	74707	73911
206	15624	15826	16043	15994	15928
207	14878	14951	15173	15067	15107
208	33979	34072	34476	34438	34645
220	87	89	94	95	93

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11107	9.00	8.9 - 9.1		0.780	0.900	
24	293038	23.90	23.9 - 24.1		0.789	0.900	
25	38867	24.90	24.9 - 25.1		0.789	0.900	
26	44702	25.90	25.9 - 26.1		0.807	0.900	
59	71835	58.90	58.9 - 59.1		0.795	0.900	
113	11471	113.00	112.9 - 113.1		0.736	0.900	
115	139905	114.95	114.9 - 115.1		0.734	0.900	
206	29557	206.00	205.9 - 206.1		0.796	0.900	
207	26756	206.95	206.9 - 207.1		0.783	0.900	
208	63753	207.95	207.9 - 208.1		0.795	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
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.1	V	Deflect	13.8	V
Extract 2	-80.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-42	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	10554	0.38	
89	21726	0.82	
205	15096	0.68	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	10558	10541	10576	10496	10601
89	21959	21748	21808	21490	21627
205	15113	15186	15018	14967	15198

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.3	V	Deflect	2.0	V
Extract 2	-90.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-45	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 12:17:42 DataFile Name : 002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	-0.06	-0.07	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.08	0.07	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.09	0.12	-0.21	0.00	N/A	ppb
Boron	11-1	0.24	-0.18	-0.06	0.00	N/A	ppb
Cadmium	111-1	0.03	-0.05	0.03	0.00	N/A	ppb
Cadmium	106-1	0.24	-0.65	0.41	0.00	N/A	ppb
Cadmium	108-1	0.08	-0.07	-0.02	0.00	N/A	ppb
Calcium	43-1	3.37	-2.20	-1.17	0.00	N/A	ppb
Calcium	44-1	-0.56	-0.64	1.20	0.00	N/A	ppb
Chromium	52-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	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	0.13	-0.10	-0.02	0.00	N/A	ppb
Iron	57-2	-1.60	3.27	-1.67	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.02	-0.02	0.00	0.00	N/A	ppb
Lead	208-1	0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.13	0.29	-0.16	0.00	N/A	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:17:42	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	0.04	0.00	N/A	ppb
Phosphorus	31-2	-27.41	-9.95	-14.21	-17.19		ppb
Potassium	39-2	0.08	2.92	-2.99	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.48	0.48	0.00	0.00	N/A	ppb
Selenium	82-1	0.19	-0.20	0.01	0.00	N/A	ppb
Silicon	28-1	-0.11	0.60	-0.49	0.00	N/A	ppb
Silver	109-1	0.00	0.01	-0.01	0.00	N/A	ppb
Silver	107-1	0.00	0.00	-0.01	0.00	N/A	ppb
Sodium	23-2	1.45	-0.74	-0.70	0.00	N/A	ppb
Strontium	86-1	0.02	0.01	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-17.28	59.33	-49.86	-2.60		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Uranium	238-1	0.01	-0.02	0.01	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:17:42	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.12	0.05	0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:21:20	DataFile Name :	003CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.85	17.74	20.72	20.77	14.73	ppb
Antimony	121-1	2.10	2.05	2.24	2.13	4.61	ppb
Arsenic	75-1	0.65	1.41	0.90	0.99	39.46	ppb
Barium	135-1	11.23	11.32	11.28	11.28	0.43	ppb
Barium	137-1	10.74	10.82	10.96	10.84	1.03	ppb
Beryllium	9-1	1.18	1.00	1.10	1.09	7.88	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	24.95	24.91	25.81	25.22	2.03	ppb
Boron	11-1	25.06	26.04	26.05	25.71	2.21	ppb
Cadmium	111-1	1.21	1.71	1.17	1.37	22.25	ppb
Cadmium	106-1	1.67	6.88	1.98	3.51	83.32	ppb
Cadmium	108-1	0.86	0.92	1.66	1.14	39.09	ppb
Calcium	43-1	535.19	512.48	484.37	510.68	4.98	ppb
Calcium	44-1	517.72	525.81	520.42	521.32	0.79	ppb
Chromium	52-2	2.09	2.20	2.18	2.15	2.69	ppb
Cobalt	59-2	1.11	1.09	1.10	1.10	0.94	ppb
Copper	63-2	2.28	2.31	2.35	2.31	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	60.76	59.73	59.57	60.02	1.07	ppb
Iron	57-2	58.55	63.78	62.07	61.47	4.34	ppb
Krypton	83-1						cps
Lead	206-1	1.01	1.04	1.07	1.04	2.76	ppb
Lead	207-1	1.12	1.06	1.03	1.07	4.48	ppb
Lead	208-1	1.06	1.04	1.03	1.05	1.54	ppb
Lithium	6-1				102		%
Magnesium	24-2	559.84	542.89	551.12	551.28	1.54	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:21:20	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.19	1.13	1.09	1.14	4.46	ppb
Molybdenum	94-1	4.71	5.02	4.98	4.91	3.42	ppb
Molybdenum	95-1	5.02	4.96	5.07	5.02	1.06	ppb
Molybdenum	96-1	5.17	4.97	5.01	5.05	2.03	ppb
Molybdenum	97-1	5.11	5.20	5.22	5.18	1.17	ppb
Molybdenum	98-1	5.04	4.95	5.04	5.01	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	0.93	1.04	1.04	10.19	ppb
Phosphorus	31-2	19.92	8.74	22.91	17.19	43.46	ppb
Potassium	39-2	538.64	531.84	517.83	529.44	2.00	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	6.54	6.49	5.67	6.24	7.81	ppb
Selenium	78-2	8.12	6.30	5.22	6.55	22.44	ppb
Selenium	82-1	5.99	5.20	6.66	5.95	12.31	ppb
Silicon	28-1	8.37	8.65	8.54	8.52	1.70	ppb
Silver	109-1	1.21	1.23	1.30	1.25	4.03	ppb
Silver	107-1	1.33	1.20	1.30	1.27	5.36	ppb
Sodium	23-2	528.52	522.62	522.16	524.43	0.68	ppb
Strontium	86-1	1.02	1.06	0.93	1.00	6.72	ppb
Strontium	88-1	1.06	1.03	1.01	1.03	2.18	ppb
Sulfur	34-1	4.66	102.24	-99.09	2.60	3866.31	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.95	0.93	0.98	0.96	2.60	ppb
Thallium	205-1	1.00	1.00	1.04	1.01	2.18	ppb
Thorium	232-1	0.87	0.86	0.85	0.86	1.07	ppb
Tin	118-1	5.97	5.83	5.64	5.81	2.85	ppb
Titanium	47-1	5.26	5.16	5.38	5.27	2.06	ppb
Uranium	238-1	0.97	0.89	0.92	0.93	4.28	ppb
Vanadium	51-2	5.49	5.53	5.57	5.53	0.67	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:21:20	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.56	2.19	2.35	2.37	7.86	ppb
Zirconium	90-1	0.89	0.97	0.94	0.93	4.26	ppb
Zirconium	91-1	0.94	1.07	0.90	0.97	9.07	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:25:38	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1004.50	1002.64	1016.94	1008.03	0.77	ppb
Antimony	121-1	52.77	52.49	53.45	52.90	0.94	ppb
Arsenic	75-1	53.24	52.94	52.25	52.81	0.96	ppb
Barium	135-1	258.75	260.78	264.29	261.27	1.07	ppb
Barium	137-1	256.07	258.93	259.01	258.00	0.65	ppb
Beryllium	9-1	53.70	52.75	52.39	52.95	1.28	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	48.04	51.24	50.09	49.79	3.25	ppb
Boron	11-1	47.51	51.24	52.01	50.26	4.79	ppb
Cadmium	111-1	54.60	56.75	57.14	56.16	2.44	ppb
Cadmium	106-1	56.00	56.78	52.64	55.14	3.99	ppb
Cadmium	108-1	55.88	55.84	55.85	55.85	0.04	ppb
Calcium	43-1	5085.77	5130.21	5120.70	5112.23	0.46	ppb
Calcium	44-1	5041.65	5036.12	5059.48	5045.75	0.24	ppb
Chromium	52-2	51.51	50.95	51.10	51.19	0.57	ppb
Cobalt	59-2	53.40	53.00	53.44	53.28	0.45	ppb
Copper	63-2	107.92	110.04	109.19	109.05	0.98	ppb
Dysprosium	156-1						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				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	2695.29	2682.63	2703.61	2693.84	0.39	ppb
Iron	57-2	2696.38	2728.00	2695.67	2706.68	0.68	ppb
Krypton	83-1						cps
Lead	206-1	50.99	51.34	51.59	51.31	0.58	ppb
Lead	207-1	51.06	51.15	50.63	50.95	0.55	ppb
Lead	208-1	50.53	50.64	50.69	50.62	0.17	ppb
Lithium	6-1				106		%
Magnesium	24-2	5139.91	5142.59	5159.19	5147.23	0.20	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 12:25:38 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.27	101.20	102.16	101.88	0.58	ppb
Molybdenum	94-1	251.47	250.19	248.59	250.09	0.58	ppb
Molybdenum	95-1	252.50	252.09	250.45	251.68	0.43	ppb
Molybdenum	96-1	248.73	249.52	248.32	248.86	0.24	ppb
Molybdenum	97-1	253.83	251.56	251.83	252.41	0.49	ppb
Molybdenum	98-1	250.05	250.30	248.51	249.62	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.91	54.05	53.11	53.69	0.94	ppb
Phosphorus	31-2	1086.40	937.58	934.25	986.08	8.81	ppb
Potassium	39-2	2584.78	2555.24	2556.14	2565.38	0.65	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	63.69	49.48	49.87	54.35	14.90	ppb
Selenium	78-2	49.61	50.61	52.52	50.91	2.91	ppb
Selenium	82-1	53.82	53.73	53.33	53.63	0.49	ppb
Silicon	28-1	47.94	47.63	48.63	48.07	1.06	ppb
Silver	109-1	55.49	56.51	56.25	56.08	0.95	ppb
Silver	107-1	55.97	56.63	56.58	56.39	0.65	ppb
Sodium	23-2	5147.60	5083.35	5111.75	5114.23	0.63	ppb
Strontium	86-1	50.31	50.66	49.98	50.32	0.68	ppb
Strontium	88-1	49.97	49.72	49.82	49.83	0.25	ppb
Sulfur	34-1	570.41	485.00	550.75	535.39	8.35	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	48.99	49.11	48.87	48.99	0.24	ppb
Thallium	205-1	49.12	49.14	49.26	49.18	0.15	ppb
Thorium	232-1	46.14	46.47	46.29	46.30	0.36	ppb
Tin	118-1	54.27	54.10	54.74	54.37	0.61	ppb
Titanium	47-1	256.76	257.66	252.64	255.69	1.05	ppb
Uranium	238-1	46.22	46.82	46.45	46.50	0.65	ppb
Vanadium	51-2	51.09	51.04	50.00	50.71	1.21	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:25:38	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	107.40	106.51	109.17	107.69	1.26	ppb
Zirconium	90-1	50.29	50.34	50.01	50.21	0.35	ppb
Zirconium	91-1	51.01	50.38	50.60	50.66	0.63	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 12:29:34 DataFile Name : 005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2503.99	2497.55	2588.04	2529.86	2.00	ppb
Antimony	121-1	131.52	132.18	131.76	131.82	0.26	ppb
Arsenic	75-1	132.48	131.52	132.43	132.14	0.41	ppb
Barium	135-1	639.33	640.44	648.49	642.75	0.78	ppb
Barium	137-1	630.14	633.15	636.26	633.18	0.48	ppb
Beryllium	9-1	130.81	130.44	129.64	130.30	0.46	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	118.98	129.98	127.52	125.49	4.60	ppb
Boron	11-1	120.48	123.71	126.11	123.43	2.29	ppb
Cadmium	111-1	136.57	136.75	137.18	136.83	0.23	ppb
Cadmium	106-1	138.97	131.07	141.09	137.04	3.85	ppb
Cadmium	108-1	133.90	134.34	139.77	136.00	2.40	ppb
Calcium	43-1	12712.98	12620.33	12698.14	12677.15	0.39	ppb
Calcium	44-1	12384.02	12567.72	12555.72	12502.49	0.82	ppb
Chromium	52-2	128.08	127.67	129.76	128.50	0.86	ppb
Cobalt	59-2	130.42	129.86	133.12	131.13	1.33	ppb
Copper	63-2	263.77	266.90	273.57	268.08	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	6586.98	6556.26	6689.69	6610.98	1.06	ppb
Iron	57-2	6656.99	6616.13	6841.98	6705.03	1.79	ppb
Krypton	83-1						cps
Lead	206-1	129.23	128.77	127.38	128.46	0.75	ppb
Lead	207-1	126.88	127.32	126.99	127.06	0.18	ppb
Lead	208-1	125.96	125.68	125.66	125.77	0.14	ppb
Lithium	6-1				105		%
Magnesium	24-2	12824.17	12810.21	13034.74	12889.70	0.98	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:29:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	256.92	253.37	256.29	255.52	0.74	ppb
Molybdenum	94-1	626.68	625.19	625.51	625.79	0.12	ppb
Molybdenum	95-1	627.14	623.09	619.25	623.16	0.63	ppb
Molybdenum	96-1	623.92	625.54	616.79	622.08	0.75	ppb
Molybdenum	97-1	630.37	634.30	630.03	631.57	0.38	ppb
Molybdenum	98-1	618.88	619.58	610.92	616.46	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.12	131.00	135.11	132.41	1.77	ppb
Phosphorus	31-2	2462.58	2548.77	2494.84	2502.06	1.74	ppb
Potassium	39-2	6379.16	6385.39	6446.22	6403.59	0.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	149.56	129.67	135.42	138.22	7.40	ppb
Selenium	78-2	136.43	131.57	133.75	133.92	1.82	ppb
Selenium	82-1	133.04	133.02	133.07	133.04	0.02	ppb
Silicon	28-1	122.29	124.01	123.17	123.16	0.70	ppb
Silver	109-1	137.17	136.04	137.14	136.79	0.47	ppb
Silver	107-1	137.24	135.61	137.48	136.77	0.75	ppb
Sodium	23-2	12717.03	12723.60	12978.97	12806.53	1.17	ppb
Strontium	86-1	127.11	125.83	125.22	126.05	0.76	ppb
Strontium	88-1	124.60	124.49	124.37	124.49	0.09	ppb
Sulfur	34-1	1770.91	1934.04	1699.44	1801.47	6.67	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	123.87	122.96	124.25	123.69	0.54	ppb
Thallium	205-1	122.48	121.97	122.57	122.34	0.27	ppb
Thorium	232-1	116.88	117.19	116.58	116.88	0.26	ppb
Tin	118-1	133.92	134.78	135.95	134.88	0.76	ppb
Titanium	47-1	634.88	635.25	638.46	636.20	0.31	ppb
Uranium	238-1	116.70	117.23	116.90	116.94	0.23	ppb
Vanadium	51-2	126.08	125.56	128.65	126.76	1.30	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:29:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	263.90	268.34	269.75	267.33	1.14	ppb
Zirconium	90-1	126.03	125.68	125.86	125.86	0.14	ppb
Zirconium	91-1	128.17	128.87	126.93	127.99	0.77	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:33:27	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4988.78	4983.28	5006.20	4992.75	0.24	ppb
Antimony	121-1	255.09	256.54	256.01	255.88	0.29	ppb
Arsenic	75-1	260.66	256.73	256.32	257.90	0.93	ppb
Barium	135-1	1271.46	1256.35	1252.77	1260.20	0.79	ppb
Barium	137-1	1230.74	1227.84	1233.40	1230.66	0.23	ppb
Beryllium	9-1	256.26	255.49	257.45	256.40	0.39	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	244.46	250.81	248.57	247.95	1.30	ppb
Boron	11-1	247.37	250.40	251.09	249.62	0.79	ppb
Cadmium	111-1	262.38	262.91	266.60	263.96	0.87	ppb
Cadmium	106-1	257.17	260.30	263.69	260.39	1.25	ppb
Cadmium	108-1	259.81	261.41	258.57	259.93	0.55	ppb
Calcium	43-1	25116.92	25433.58	25191.11	25247.20	0.66	ppb
Calcium	44-1	25232.73	25285.30	25201.09	25239.71	0.17	ppb
Chromium	52-2	253.86	253.17	253.56	253.53	0.14	ppb
Cobalt	59-2	256.83	255.58	258.36	256.92	0.54	ppb
Copper	63-2	522.86	522.85	525.57	523.76	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	13153.35	13124.74	13150.38	13142.82	0.12	ppb
Iron	57-2	13299.09	13158.23	13239.82	13232.38	0.53	ppb
Krypton	83-1						cps
Lead	206-1	255.81	252.10	254.70	254.20	0.75	ppb
Lead	207-1	253.99	251.40	252.39	252.59	0.52	ppb
Lead	208-1	248.88	247.20	249.06	248.38	0.41	ppb
Lithium	6-1				103		%
Magnesium	24-2	25426.26	25504.37	25362.79	25431.14	0.28	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 12:33:27 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	508.78	505.14	506.38	506.76	0.37	ppb
Molybdenum	94-1	1236.40	1220.94	1220.34	1225.90	0.74	ppb
Molybdenum	95-1	1229.85	1224.93	1221.20	1225.33	0.35	ppb
Molybdenum	96-1	1227.02	1208.43	1219.62	1218.36	0.77	ppb
Molybdenum	97-1	1246.91	1235.73	1247.26	1243.30	0.53	ppb
Molybdenum	98-1	1253.23	1237.51	1256.18	1248.98	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.94	259.25	259.51	258.23	0.77	ppb
Phosphorus	31-2	4726.83	4957.95	5118.03	4934.27	3.99	ppb
Potassium	39-2	12666.48	12649.06	12597.90	12637.81	0.28	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	250.00	275.44	271.26	265.56	5.14	ppb
Selenium	78-2	258.21	253.15	244.37	251.91	2.78	ppb
Selenium	82-1	260.82	258.74	258.11	259.22	0.55	ppb
Silicon	28-1	243.36	245.93	247.23	245.51	0.80	ppb
Silver	109-1	261.41	262.33	260.52	261.42	0.35	ppb
Silver	107-1	262.41	263.46	263.86	263.25	0.29	ppb
Sodium	23-2	25482.14	25492.50	25582.49	25519.04	0.22	ppb
Strontium	86-1	253.77	255.00	255.83	254.87	0.41	ppb
Strontium	88-1	245.66	243.14	244.56	244.45	0.52	ppb
Sulfur	34-1	4090.27	4047.28	4004.56	4047.37	1.06	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	243.46	242.48	243.77	243.23	0.28	ppb
Thallium	205-1	239.95	238.23	239.12	239.10	0.36	ppb
Thorium	232-1	233.27	231.03	232.54	232.28	0.49	ppb
Tin	118-1	265.38	264.07	263.96	264.47	0.30	ppb
Titanium	47-1	1259.84	1265.52	1260.38	1261.91	0.25	ppb
Uranium	238-1	231.77	230.43	231.20	231.13	0.29	ppb
Vanadium	51-2	250.29	250.78	252.08	251.05	0.37	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:33:27	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	525.97	522.57	530.23	526.26	0.73	ppb
Zirconium	90-1	247.92	247.93	247.75	247.87	0.04	ppb
Zirconium	91-1	253.76	252.16	255.21	253.71	0.60	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 12:37:17 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10011.17	10052.19	10022.22	10028.52	0.21	ppb
Antimony	121-1	500.16	497.55	498.44	498.72	0.27	ppb
Arsenic	75-1	505.20	516.01	507.88	509.70	1.10	ppb
Barium	135-1	2442.71	2467.49	2463.18	2457.79	0.54	ppb
Barium	137-1	2500.39	2516.95	2501.92	2506.42	0.37	ppb
Beryllium	9-1	506.25	502.56	503.31	504.04	0.39	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	484.86	491.84	507.96	494.89	2.39	ppb
Boron	11-1	485.43	498.41	505.77	496.54	2.07	ppb
Cadmium	111-1	513.11	517.28	516.62	515.67	0.44	ppb
Cadmium	106-1	507.87	506.22	517.55	510.54	1.20	ppb
Cadmium	108-1	511.38	513.59	506.81	510.60	0.68	ppb
Calcium	43-1	50196.58	51198.52	51201.54	50865.55	1.14	ppb
Calcium	44-1	50296.84	50847.10	51028.15	50724.03	0.75	ppb
Chromium	52-2	502.92	503.89	511.36	506.06	0.91	ppb
Cobalt	59-2	507.91	512.33	511.72	510.66	0.47	ppb
Copper	63-2	1025.31	1030.76	1033.78	1029.95	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	26141.04	26201.56	26382.15	26241.58	0.48	ppb
Iron	57-2	26440.95	26394.91	26669.09	26501.65	0.55	ppb
Krypton	83-1						cps
Lead	206-1	501.96	505.70	508.44	505.37	0.64	ppb
Lead	207-1	501.29	506.07	508.24	505.20	0.70	ppb
Lead	208-1	490.04	491.83	493.85	491.91	0.39	ppb
Lithium	6-1				102		%
Magnesium	24-2	51398.54	51598.94	51886.41	51627.96	0.47	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:37:17	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1008.50	1005.95	1019.71	1011.39	0.72	ppb
Molybdenum	94-1	2498.74	2506.12	2522.35	2509.07	0.48	ppb
Molybdenum	95-1	2517.23	2515.78	2507.28	2513.43	0.21	ppb
Molybdenum	96-1	2507.97	2524.03	2495.72	2509.24	0.57	ppb
Molybdenum	97-1	2436.87	2444.61	2431.15	2437.54	0.28	ppb
Molybdenum	98-1	2507.43	2499.11	2498.28	2501.60	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.18	514.12	511.16	511.82	0.40	ppb
Phosphorus	31-2	10222.47	10067.79	9899.57	10063.28	1.60	ppb
Potassium	39-2	24807.27	25028.97	25290.40	25042.21	0.97	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	514.66	509.63	542.65	522.31	3.41	ppb
Selenium	78-2	512.59	504.88	500.55	506.01	1.20	ppb
Selenium	82-1	507.69	515.46	511.45	511.54	0.76	ppb
Silicon	28-1	494.69	497.20	498.06	496.65	0.35	ppb
Silver	109-1	495.44	501.09	494.05	496.86	0.75	ppb
Silver	107-1	500.35	501.99	498.13	500.16	0.39	ppb
Sodium	23-2	51483.29	51450.23	51453.84	51462.46	0.04	ppb
Strontium	86-1	503.36	504.82	508.86	505.68	0.56	ppb
Strontium	88-1	499.53	502.94	503.49	501.99	0.43	ppb
Sulfur	34-1	9505.84	9522.61	9355.94	9461.46	0.97	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	480.10	482.77	482.67	481.85	0.31	ppb
Thallium	205-1	490.68	498.64	498.37	495.90	0.91	ppb
Thorium	232-1	486.44	494.13	492.93	491.17	0.84	ppb
Tin	118-1	514.10	517.18	511.81	514.36	0.52	ppb
Titanium	47-1	2498.16	2511.30	2528.97	2512.81	0.62	ppb
Uranium	238-1	490.80	496.28	495.37	494.15	0.59	ppb
Vanadium	51-2	499.05	500.97	507.18	502.40	0.85	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:37:17	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1021.77	1041.19	1035.57	1032.84	0.97	ppb
Zirconium	90-1	487.09	489.98	489.74	488.94	0.33	ppb
Zirconium	91-1	504.83	499.79	507.61	504.08	0.79	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 12:41:06 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19808.51	19947.04	20021.46	19925.67	0.54	ppb
Antimony	121-1	1001.61	992.94	999.98	998.17	0.46	ppb
Arsenic	75-1	998.90	987.62	989.91	992.14	0.60	ppb
Barium	135-1	4995.18	5029.42	5022.72	5015.77	0.36	ppb
Barium	137-1	4996.54	5000.94	5003.12	5000.20	0.07	ppb
Beryllium	9-1	995.26	997.63	993.83	995.57	0.19	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	976.99	1018.38	1013.67	1003.01	2.26	ppb
Boron	11-1	986.11	1016.09	1003.78	1001.99	1.50	ppb
Cadmium	111-1	987.81	984.56	988.29	986.89	0.21	ppb
Cadmium	106-1	1005.88	979.62	985.60	990.37	1.39	ppb
Cadmium	108-1	994.14	984.96	992.55	990.55	0.50	ppb
Calcium	43-1	100675.91	101795.78	102303.36	101591.68	0.82	ppb
Calcium	44-1	101922.24	102566.20	102597.52	102361.99	0.37	ppb
Chromium	52-2	993.55	996.95	996.28	995.59	0.18	ppb
Cobalt	59-2	985.34	994.69	996.00	992.01	0.59	ppb
Copper	63-2	1960.61	1978.83	1989.67	1976.37	0.74	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				111		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	52099.03	52204.63	51840.39	52048.02	0.36	ppb
Iron	57-2	51903.91	51832.91	51944.94	51893.92	0.11	ppb
Krypton	83-1						cps
Lead	206-1	1002.62	996.16	988.52	995.77	0.71	ppb
Lead	207-1	993.48	1001.70	994.16	996.45	0.46	ppb
Lead	208-1	1004.22	1006.20	1002.55	1004.32	0.18	ppb
Lithium	6-1				101		%
Magnesium	24-2	103421.82	102929.48	102801.28	103050.86	0.32	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 12:41:06 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1985.61	1994.27	1995.62	1991.83	0.27	ppb
Molybdenum	94-1	5000.15	5008.38	4995.64	5001.39	0.13	ppb
Molybdenum	95-1	4991.75	4993.87	5013.18	4999.60	0.24	ppb
Molybdenum	96-1	5008.87	4975.08	5027.19	5003.71	0.53	ppb
Molybdenum	97-1	5013.99	5046.90	5035.00	5031.96	0.33	ppb
Molybdenum	98-1	4979.81	5032.41	4989.40	5000.54	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.05	991.58	990.13	990.92	0.07	ppb
Phosphorus	31-2	20080.99	19581.84	20292.87	19985.23	1.83	ppb
Potassium	39-2	50443.37	50112.31	50294.72	50283.47	0.33	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	967.98	1006.40	974.85	983.08	2.08	ppb
Selenium	78-2	986.79	989.24	1010.02	995.35	1.28	ppb
Selenium	82-1	983.38	1000.17	988.65	990.73	0.87	ppb
Silicon	28-1	991.04	1013.82	1004.56	1003.14	1.14	ppb
Silver	109-1	999.66	993.29	997.86	996.94	0.33	ppb
Silver	107-1	995.29	992.81	996.36	994.82	0.18	ppb
Sodium	23-2	102954.11	103001.21	102859.72	102938.35	0.07	ppb
Strontium	86-1	993.00	995.64	998.75	995.80	0.29	ppb
Strontium	88-1	999.59	1002.36	999.45	1000.47	0.16	ppb
Sulfur	34-1	20390.23	20841.24	20622.45	20617.97	1.09	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	1014.14	1011.71	1007.09	1010.98	0.35	ppb
Thallium	205-1	1010.15	1008.75	996.54	1005.15	0.74	ppb
Thorium	232-1	1008.45	1015.16	1006.53	1010.05	0.45	ppb
Tin	118-1	986.67	985.90	990.66	987.74	0.26	ppb
Titanium	47-1	4968.60	4987.95	5010.25	4988.93	0.42	ppb
Uranium	238-1	1008.16	1011.37	1006.94	1008.82	0.23	ppb
Vanadium	51-2	993.98	1002.44	998.42	998.28	0.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:41:06	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1964.71	1975.28	1983.40	1974.46	0.47	ppb
Zirconium	90-1	1004.11	1004.46	1009.27	1005.95	0.29	ppb
Zirconium	91-1	996.88	1002.13	990.87	996.63	0.57	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:54:00	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100443.46	99078.02	100513.17	100011.55	0.81	ppb
Antimony	121-1	1.02	1.16	1.09	1.09	6.03	ppb
Arsenic	75-1	0.95	1.15	0.99	1.03	9.97	ppb
Barium	135-1	0.51	0.43	0.52	0.48	9.62	ppb
Barium	137-1	0.39	0.37	0.43	0.40	7.86	ppb
Beryllium	9-1	0.04	0.06	0.02	0.04	46.69	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Boron	10-1	17.86	14.43	14.14	15.48	13.39	ppb
Boron	11-1	15.55	15.72	13.47	14.91	8.38	ppb
Cadmium	111-1	-0.09	-0.19	-0.39	-0.22		ppb
Cadmium	106-1	-1.55	-3.04	-5.30	-3.29		ppb
Cadmium	108-1	0.17	0.08	0.13	0.13	37.58	ppb
Calcium	43-1	498162.11	503012.77	497556.68	499577.19	0.60	ppb
Calcium	44-1	494405.06	503877.44	500045.52	499442.67	0.95	ppb
Chromium	52-2	16.73	16.29	16.95	16.65	2.01	ppb
Cobalt	59-2	11.23	11.69	11.64	11.52	2.21	ppb
Copper	63-2	2.62	2.73	2.69	2.68	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	251083.86	246441.36	250744.17	249423.13	1.04	ppb
Iron	57-2	251250.08	245918.41	251094.46	249420.99	1.22	ppb
Krypton	83-1						cps
Lead	206-1	0.74	0.76	0.79	0.76	3.40	ppb
Lead	207-1	0.75	0.71	0.72	0.73	2.64	ppb
Lead	208-1	0.73	0.72	0.73	0.73	0.53	ppb
Lithium	6-1				98		%
Magnesium	24-2	502321.91	493583.94	501676.77	499194.21	0.98	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:54:00	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.03	6.79	6.98	6.93	1.77	ppb
Molybdenum	94-1	2.17	2.22	2.10	2.16	2.78	ppb
Molybdenum	95-1	2.56	2.63	2.50	2.56	2.57	ppb
Molybdenum	96-1	4.03	4.18	4.02	4.08	2.22	ppb
Molybdenum	97-1	2.34	2.38	2.65	2.46	6.89	ppb
Molybdenum	98-1	2.26	2.29	2.31	2.29	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.06	17.89	18.31	18.09	1.16	ppb
Phosphorus	31-2	-40.62	-7.74	-25.79	-24.71		ppb
Potassium	39-2	250396.64	247817.88	251568.40	249927.64	0.77	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	77-2	0.88	0.00	0.00	0.29	173.21	ppb
Selenium	78-2	-0.68	-0.55	0.15	-0.36		ppb
Selenium	82-1	0.57	0.33	0.52	0.47	26.90	ppb
Silicon	28-1	60.43	72.50	76.80	69.91	12.13	ppb
Silver	109-1	0.04	0.01	0.02	0.03	43.81	ppb
Silver	107-1	0.03	0.02	0.02	0.03	12.40	ppb
Sodium	23-2	503102.42	495253.83	499337.66	499231.30	0.79	ppb
Strontium	86-1	3.84	4.04	4.52	4.13	8.44	ppb
Strontium	88-1	4.02	4.01	3.97	4.00	0.71	ppb
Sulfur	34-1	-1240.41	-1337.98	-1400.40	-1326.26		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.07	0.09	0.07	15.99	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	2.61	ppb
Thorium	232-1	0.07	0.08	0.11	0.09	19.70	ppb
Tin	118-1	0.19	0.21	0.23	0.21	9.11	ppb
Titanium	47-1	0.92	1.04	1.15	1.04	10.87	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	18.41	ppb
Vanadium	51-2	0.12	0.16	0.12	0.13	16.33	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:54:00	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	23.10	21.08	22.56	22.25	4.71	ppb
Zirconium	90-1	0.20	0.20	0.19	0.20	4.51	ppb
Zirconium	91-1	0.19	0.20	0.21	0.20	5.55	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:32:53	DataFile Name :	015ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	463.16	470.17	472.14	468.49	1.01	ppb
Antimony	121-1	205.05	204.27	206.00	205.11	0.42	ppb
Arsenic	75-1	210.60	210.73	210.79	210.70	0.05	ppb
Barium	135-1	103.45	101.95	102.79	102.73	0.73	ppb
Barium	137-1	101.05	100.63	101.70	101.13	0.53	ppb
Beryllium	9-1	101.02	101.93	101.21	101.38	0.47	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	-0.21	-0.05	-0.42	-0.23		ppb
Boron	11-1	0.41	0.29	0.09	0.26	59.76	ppb
Cadmium	111-1	109.41	108.74	107.69	108.61	0.80	ppb
Cadmium	106-1	91.04	86.38	85.42	87.61	3.43	ppb
Cadmium	108-1	92.46	92.83	94.13	93.14	0.94	ppb
Calcium	43-1	1928.52	2045.66	1920.45	1964.88	3.57	ppb
Calcium	44-1	1966.45	1966.85	1930.31	1954.54	1.07	ppb
Chromium	52-2	97.07	97.63	97.25	97.32	0.29	ppb
Cobalt	59-2	101.82	102.92	102.60	102.44	0.55	ppb
Copper	63-2	106.04	105.48	105.89	105.80	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				110		%
Iron	56-2	1045.92	1052.34	1051.11	1049.79	0.32	ppb
Iron	57-2	1030.02	1026.71	1009.18	1021.97	1.10	ppb
Krypton	83-1						cps
Lead	206-1	201.76	200.05	196.14	199.32	1.44	ppb
Lead	207-1	200.47	197.30	194.57	197.44	1.50	ppb
Lead	208-1	197.22	194.33	191.37	194.31	1.51	ppb
Lithium	6-1				113		%
Magnesium	24-2	1183.24	1195.35	1198.14	1192.25	0.66	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:32:53	DataFile Name :	015ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.35	95.92	95.24	95.17	0.83	ppb
Molybdenum	94-1	0.03	0.06	-0.01	0.03	113.37	ppb
Molybdenum	95-1	0.00	0.01	0.03	0.01	111.81	ppb
Molybdenum	96-1	0.05	0.05	0.07	0.06	14.21	ppb
Molybdenum	97-1	0.03	0.05	0.03	0.04	28.13	ppb
Molybdenum	98-1	0.01	0.03	0.03	0.02	40.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.38	105.50	104.89	104.92	0.53	ppb
Phosphorus	31-2	-26.80	-17.57	-14.10	-19.49		ppb
Potassium	39-2	2005.62	1993.04	1989.61	1996.09	0.42	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	77-2	222.36	215.77	235.47	224.53	4.47	ppb
Selenium	78-2	209.54	212.29	209.83	210.55	0.72	ppb
Selenium	82-1	210.16	207.58	207.85	208.53	0.68	ppb
Silicon	28-1	-2.19	-2.63	-2.56	-2.46		ppb
Silver	109-1	101.48	99.21	99.46	100.05	1.24	ppb
Silver	107-1	101.22	100.85	101.10	101.06	0.19	ppb
Sodium	23-2	1943.61	1953.48	1984.79	1960.63	1.10	ppb
Strontium	86-1	2.35	2.24	2.17	2.25	3.85	ppb
Strontium	88-1	2.19	2.28	2.29	2.25	2.30	ppb
Sulfur	34-1	-931.33	-937.87	-871.67	-913.62		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	197.36	194.29	190.33	193.99	1.82	ppb
Thallium	205-1	192.90	191.85	187.67	190.81	1.45	ppb
Thorium	232-1	-0.01	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.08	0.05	0.04	0.06	34.84	ppb
Titanium	47-1	0.03	0.02	0.07	0.04	79.74	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	98.65	97.38	98.10	98.05	0.65	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:32:53	DataFile Name :	015ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	201.04	204.74	201.26	202.35	1.03	ppb
Zirconium	90-1	-0.01	0.00	0.02	0.00	462.30	ppb
Zirconium	91-1	0.09	0.10	0.07	0.09	16.61	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 13:36:30 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.47	0.74	0.56	0.92	52.01	ppb
Antimony	121-1	0.18	0.19	0.18	0.19	1.92	ppb
Arsenic	75-1	0.23	0.16	0.18	0.19	18.01	ppb
Barium	135-1	0.02	0.00	0.04	0.02	84.51	ppb
Barium	137-1	0.02	0.01	0.01	0.02	55.30	ppb
Beryllium	9-1	0.03	0.04	-0.01	0.02	128.90	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	0.49	-0.31	-0.27	-0.03		ppb
Boron	11-1	0.15	0.41	0.09	0.21	79.22	ppb
Cadmium	111-1	0.14	0.14	0.10	0.12	17.84	ppb
Cadmium	106-1	1.33	1.17	1.33	1.28	7.12	ppb
Cadmium	108-1	0.16	-0.02	0.25	0.13	107.06	ppb
Calcium	43-1	-3.94	-0.41	-1.33	-1.89		ppb
Calcium	44-1	1.37	3.12	0.52	1.67	79.46	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	254.46	ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	100.44	ppb
Copper	63-2	0.00	0.00	0.03	0.01	148.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				112		%
Iron	56-2	0.29	0.24	0.42	0.31	28.65	ppb
Iron	57-2	-0.54	-0.67	1.44	0.08	1532.53	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.06	0.05	12.47	ppb
Lead	207-1	0.04	0.04	0.03	0.04	16.33	ppb
Lead	208-1	0.05	0.05	0.04	0.04	16.36	ppb
Lithium	6-1				113		%
Magnesium	24-2	-0.59	-0.26	-0.99	-0.61		ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:36:30	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.02	0.01	0.02	62.15	ppb
Molybdenum	94-1	0.01	-0.01	-0.02	0.00		ppb
Molybdenum	95-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	-0.03	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	-0.02	-0.02	-0.01	-0.01		ppb
Molybdenum	98-1	-0.02	-0.02	-0.01	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.09	-0.02	-0.07		ppb
Phosphorus	31-2	-23.45	-30.39	-15.20	-23.01		ppb
Potassium	39-2	-6.44	-5.03	-11.38	-7.61		ppb
Rhodium	103-1				112		%
Rhodium	103-2				112		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.07	-0.60	-0.60	-0.42		ppb
Selenium	82-1	-0.12	0.42	-0.08	0.07	405.52	ppb
Silicon	28-1	-3.51	-3.72	-3.37	-3.54		ppb
Silver	109-1	0.03	0.04	0.03	0.03	22.08	ppb
Silver	107-1	0.02	0.04	0.04	0.03	33.22	ppb
Sodium	23-2	0.08	-0.75	-1.05	-0.58		ppb
Strontium	86-1	-0.08	-0.06	-0.03	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	710.01	ppb
Sulfur	34-1	-864.46	-729.56	-699.47	-764.50		ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	0.09	0.06	0.08	0.08	19.29	ppb
Thallium	205-1	0.09	0.08	0.06	0.08	17.44	ppb
Thorium	232-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.04	0.01	-0.01	0.01	170.20	ppb
Titanium	47-1	0.01	0.00	0.06	0.03	116.23	ppb
Uranium	238-1	-0.01	-0.04	-0.03	-0.03		ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	101.72	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:36:30	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.34	0.02	0.35	0.23	80.90	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	58.06	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	91.32	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 13:42:11 DataFile Name : 017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90733.20	92135.93	91615.71	91494.94	0.78	ppb
Antimony	121-1	1.16	1.15	1.18	1.16	1.38	ppb
Arsenic	75-1	1.48	1.91	1.66	1.69	12.94	ppb
Barium	135-1	1.30	1.60	1.22	1.37	14.47	ppb
Barium	137-1	1.41	1.59	1.57	1.52	6.47	ppb
Beryllium	9-1	0.26	0.26	0.22	0.25	8.21	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	0.06	0.30	0.41	0.26	68.25	ppb
Boron	11-1	0.43	0.69	0.09	0.40	74.22	ppb
Cadmium	111-1	0.19	-0.14	-0.08	-0.01		ppb
Cadmium	106-1	-3.40	-8.47	-7.96	-6.61		ppb
Cadmium	108-1	11.82	10.37	9.83	10.67	9.67	ppb
Calcium	43-1	100490.55	99309.46	100393.63	100064.55	0.66	ppb
Calcium	44-1	101416.72	100523.96	102591.07	101510.58	1.02	ppb
Chromium	52-2	19.37	20.40	20.05	19.94	2.63	ppb
Cobalt	59-2	1.25	1.11	1.25	1.20	7.06	ppb
Copper	63-2	7.70	7.70	7.80	7.73	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	102953.39	103800.60	102998.56	103250.85	0.46	ppb
Iron	57-2	100204.40	101886.23	101726.56	101272.40	0.92	ppb
Krypton	83-1						cps
Lead	206-1	5.08	4.94	4.90	4.97	1.88	ppb
Lead	207-1	4.51	4.55	4.56	4.54	0.56	ppb
Lead	208-1	4.64	4.57	4.59	4.60	0.74	ppb
Lithium	6-1				105		%
Magnesium	24-2	101307.99	102050.57	100813.61	101390.72	0.61	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:42:11	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.68	8.00	7.75	7.81	2.14	ppb
Molybdenum	94-1	1272.93	1252.71	1264.91	1263.52	0.81	ppb
Molybdenum	95-1	1853.45	1832.11	1859.02	1848.19	0.77	ppb
Molybdenum	96-1	1793.21	1770.18	1781.35	1781.58	0.65	ppb
Molybdenum	97-1	1819.69	1781.93	1802.78	1801.47	1.05	ppb
Molybdenum	98-1	1849.40	1826.79	1853.08	1843.09	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.32	5.27	5.15	5.25	1.71	ppb
Phosphorus	31-2	95936.53	97061.78	97467.48	96821.93	0.82	ppb
Potassium	39-2	100521.48	101870.71	101543.69	101311.96	0.69	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.28	0.87	-0.30	0.10	672.34	ppb
Selenium	82-1	0.32	0.51	0.08	0.30	71.22	ppb
Silicon	28-1	16.01	15.06	15.62	15.56	3.06	ppb
Silver	109-1	0.03	0.03	0.02	0.03	18.94	ppb
Silver	107-1	0.02	0.02	0.01	0.02	29.84	ppb
Sodium	23-2	101150.86	102488.97	102346.81	101995.54	0.72	ppb
Strontium	86-1	35.14	34.84	33.78	34.59	2.06	ppb
Strontium	88-1	34.74	33.70	33.60	34.02	1.86	ppb
Sulfur	34-1	105776.02	104007.98	104971.32	104918.44	0.84	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.07	0.05	0.09	0.07	30.26	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	1.00	ppb
Thorium	232-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.10	0.13	0.16	0.13	20.09	ppb
Titanium	47-1	2035.12	1988.48	2016.84	2013.48	1.17	ppb
Uranium	238-1	0.00	-0.02	0.00	-0.01		ppb
Vanadium	51-2	0.15	0.13	0.16	0.15	10.93	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:42:11	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.49	10.71	11.17	10.79	3.21	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	27.88	ppb
Zirconium	91-1	0.05	0.05	0.04	0.04	16.67	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:53:20	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91589.39	90716.97	90604.48	90970.28	0.59	ppb
Antimony	121-1	21.17	21.28	20.93	21.13	0.84	ppb
Arsenic	75-1	22.09	22.22	22.42	22.24	0.74	ppb
Barium	135-1	22.52	21.32	21.50	21.78	2.97	ppb
Barium	137-1	21.44	20.93	21.45	21.27	1.41	ppb
Beryllium	9-1	20.59	20.13	21.05	20.59	2.22	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	-0.30	0.23	0.13	0.02	1336.80	ppb
Boron	11-1	0.48	0.43	0.70	0.54	26.57	ppb
Cadmium	111-1	19.71	19.90	19.31	19.64	1.52	ppb
Cadmium	106-1	11.48	10.13	10.21	10.61	7.13	ppb
Cadmium	108-1	27.63	29.34	26.38	27.78	5.36	ppb
Calcium	43-1	99087.33	99631.58	100047.15	99588.69	0.48	ppb
Calcium	44-1	99030.69	101453.99	102941.47	101142.05	1.95	ppb
Chromium	52-2	39.96	38.85	39.70	39.50	1.47	ppb
Cobalt	59-2	21.86	21.15	21.33	21.45	1.72	ppb
Copper	63-2	28.45	28.27	28.09	28.27	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	103599.17	101700.28	102177.52	102492.33	0.96	ppb
Iron	57-2	101981.03	100356.24	100756.28	101031.18	0.84	ppb
Krypton	83-1						cps
Lead	206-1	25.77	26.40	27.08	26.42	2.47	ppb
Lead	207-1	24.95	25.19	25.05	25.07	0.48	ppb
Lead	208-1	24.92	24.91	25.29	25.04	0.86	ppb
Lithium	6-1				103		%
Magnesium	24-2	102208.28	100219.49	100535.29	100987.69	1.06	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:53:20	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.50	26.58	27.26	27.44	3.54	ppb
Molybdenum	94-1	1246.71	1244.85	1243.47	1245.01	0.13	ppb
Molybdenum	95-1	1815.08	1821.69	1829.13	1821.97	0.39	ppb
Molybdenum	96-1	1743.93	1754.99	1771.47	1756.80	0.79	ppb
Molybdenum	97-1	1768.56	1772.52	1782.37	1774.48	0.40	ppb
Molybdenum	98-1	1811.90	1803.45	1816.63	1810.66	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.36	25.32	25.38	25.35	0.13	ppb
Phosphorus	31-2	97266.90	96281.76	95157.44	96235.36	1.10	ppb
Potassium	39-2	101772.92	100142.50	99633.92	100516.45	1.11	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	15.59	17.97	17.20	16.92	7.17	ppb
Selenium	78-2	16.58	21.23	17.91	18.57	12.88	ppb
Selenium	82-1	20.43	19.86	20.70	20.33	2.12	ppb
Silicon	28-1	17.20	18.26	18.68	18.05	4.24	ppb
Silver	109-1	19.42	19.23	18.83	19.16	1.57	ppb
Silver	107-1	19.49	19.36	19.00	19.28	1.31	ppb
Sodium	23-2	103248.00	100812.31	101474.26	101844.85	1.24	ppb
Strontium	86-1	34.40	33.87	34.14	34.14	0.78	ppb
Strontium	88-1	33.68	33.66	33.82	33.72	0.26	ppb
Sulfur	34-1	102751.88	106115.74	105412.46	104760.03	1.69	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	20.77	20.42	20.68	20.63	0.89	ppb
Thallium	205-1	20.67	20.62	20.78	20.69	0.41	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.20	0.23	0.20	0.21	7.43	ppb
Titanium	47-1	1957.88	2002.43	2015.50	1991.94	1.52	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	20.26	19.91	19.94	20.04	0.97	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:53:20	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	30.63	29.70	30.07	30.13	1.55	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	6.95	ppb
Zirconium	91-1	0.04	0.06	0.07	0.06	33.03	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:56:57	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52194.61	52676.42	52603.60	52491.54	0.49	ppb
Antimony	121-1	494.35	491.00	489.89	491.75	0.47	ppb
Arsenic	75-1	499.35	497.94	500.92	499.40	0.30	ppb
Barium	135-1	2526.53	2512.48	2499.17	2512.73	0.54	ppb
Barium	137-1	2583.36	2579.45	2563.52	2575.44	0.41	ppb
Beryllium	9-1	514.21	516.00	515.64	515.28	0.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	499.23	504.27	516.98	506.83	1.81	ppb
Boron	11-1	506.88	508.69	518.74	511.44	1.25	ppb
Cadmium	111-1	495.74	490.90	491.05	492.57	0.56	ppb
Cadmium	106-1	502.57	493.06	504.56	500.06	1.23	ppb
Cadmium	108-1	495.48	477.39	483.04	485.31	1.91	ppb
Calcium	43-1	262743.45	257550.42	261171.47	260488.45	1.02	ppb
Calcium	44-1	262172.74	258133.34	261897.27	260734.45	0.87	ppb
Chromium	52-2	514.65	517.53	513.62	515.27	0.39	ppb
Cobalt	59-2	503.49	501.95	502.79	502.74	0.15	ppb
Copper	63-2	973.13	980.05	976.73	976.63	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	129508.83	128741.64	127226.66	128492.38	0.90	ppb
Iron	57-2	126042.99	126635.13	125941.08	126206.40	0.30	ppb
Krypton	83-1						cps
Lead	206-1	535.89	534.29	534.82	535.00	0.15	ppb
Lead	207-1	534.36	529.74	536.73	533.61	0.67	ppb
Lead	208-1	519.69	518.86	519.95	519.50	0.11	ppb
Lithium	6-1				102		%
Magnesium	24-2	255663.74	258086.18	256380.92	256710.28	0.48	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:56:57	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1016.32	1003.95	1006.10	1008.79	0.66	ppb
Molybdenum	94-1	2607.13	2592.55	2574.54	2591.41	0.63	ppb
Molybdenum	95-1	2590.46	2578.64	2589.58	2586.23	0.25	ppb
Molybdenum	96-1	2602.33	2604.02	2606.68	2604.34	0.08	ppb
Molybdenum	97-1	2512.96	2621.17	2489.13	2541.09	2.77	ppb
Molybdenum	98-1	2600.68	2607.64	2581.47	2596.60	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.73	495.06	493.38	495.39	0.44	ppb
Phosphorus	31-2	9939.64	10170.06	10008.25	10039.32	1.18	ppb
Potassium	39-2	130698.46	130849.60	129994.67	130514.24	0.35	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	480.16	470.77	528.07	493.00	6.23	ppb
Selenium	78-2	483.79	471.23	469.96	474.99	1.61	ppb
Selenium	82-1	484.30	479.28	472.78	478.78	1.21	ppb
Silicon	28-1	497.99	494.75	497.86	496.87	0.37	ppb
Silver	109-1	480.41	479.32	476.97	478.90	0.37	ppb
Silver	107-1	485.01	480.53	474.81	480.12	1.06	ppb
Sodium	23-2	257065.60	257076.25	256716.64	256952.83	0.08	ppb
Strontium	86-1	527.39	511.46	510.46	516.44	1.84	ppb
Strontium	88-1	521.42	520.47	515.68	519.19	0.59	ppb
Sulfur	34-1	9670.27	9556.67	9673.50	9633.48	0.69	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	509.03	514.39	513.73	512.38	0.57	ppb
Thallium	205-1	524.55	524.90	529.81	526.42	0.56	ppb
Thorium	232-1	534.96	538.53	538.87	537.45	0.40	ppb
Tin	118-1	518.55	514.14	512.64	515.11	0.60	ppb
Titanium	47-1	2604.70	2587.65	2596.85	2596.40	0.33	ppb
Uranium	238-1	530.11	540.69	539.55	536.78	1.08	ppb
Vanadium	51-2	512.83	516.48	516.25	515.18	0.40	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:56:57	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	914.56	924.50	919.72	919.59	0.54	ppb
Zirconium	90-1	524.25	524.29	521.07	523.21	0.35	ppb
Zirconium	91-1	521.59	519.15	516.52	519.09	0.49	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P7
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:00:34 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.74	10.63	10.01	11.46	17.44	ppb
Antimony	121-1	0.41	0.49	0.51	0.47	10.86	ppb
Arsenic	75-1	0.39	0.49	0.33	0.40	19.68	ppb
Barium	135-1	0.60	0.48	0.54	0.54	10.96	ppb
Barium	137-1	0.57	0.40	0.47	0.48	17.73	ppb
Beryllium	9-1	0.15	0.20	0.12	0.16	25.20	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Boron	10-1	17.97	17.60	16.39	17.32	4.78	ppb
Boron	11-1	17.42	15.92	15.71	16.35	5.72	ppb
Cadmium	111-1	-0.21	-0.12	0.07	-0.08		ppb
Cadmium	106-1	-3.86	-2.90	-1.02	-2.59		ppb
Cadmium	108-1	0.15	0.20	0.34	0.23	41.00	ppb
Calcium	43-1	54.62	56.81	44.00	51.81	13.22	ppb
Calcium	44-1	52.82	51.33	52.27	52.14	1.45	ppb
Chromium	52-2	0.09	0.15	0.05	0.10	55.25	ppb
Cobalt	59-2	0.11	0.11	0.07	0.10	20.78	ppb
Copper	63-2	0.40	0.29	0.40	0.36	17.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	30.97	27.46	25.10	27.84	10.61	ppb
Iron	57-2	32.27	25.21	24.18	27.22	16.17	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.24	0.18	0.21	15.16	ppb
Lead	207-1	0.25	0.19	0.22	0.22	13.86	ppb
Lead	208-1	0.22	0.19	0.19	0.20	7.14	ppb
Lithium	6-1				109		%
Magnesium	24-2	55.08	51.63	42.00	49.57	13.67	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:00:34	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.23	0.20	0.16	0.19	18.23	ppb
Molybdenum	94-1	0.91	1.00	0.72	0.88	16.16	ppb
Molybdenum	95-1	0.92	0.86	0.83	0.87	5.36	ppb
Molybdenum	96-1	0.92	0.91	0.80	0.88	7.47	ppb
Molybdenum	97-1	0.94	0.81	0.88	0.87	7.72	ppb
Molybdenum	98-1	1.01	0.81	0.86	0.89	11.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.07	-0.02		ppb
Phosphorus	31-2	-24.41	-15.02	-18.57	-19.33		ppb
Potassium	39-2	20.72	10.62	12.09	14.48	37.69	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	0.80	0.00	0.00	0.27	173.21	ppb
Selenium	78-2	-0.04	-0.46	-0.10	-0.20		ppb
Selenium	82-1	0.40	0.22	0.24	0.29	34.95	ppb
Silicon	28-1	-3.78	-4.25	-3.72	-3.92		ppb
Silver	109-1	0.15	0.18	0.15	0.16	10.43	ppb
Silver	107-1	0.15	0.16	0.17	0.16	3.92	ppb
Sodium	23-2	85.69	86.03	75.09	82.27	7.56	ppb
Strontium	86-1	0.04	0.14	0.08	0.09	60.12	ppb
Strontium	88-1	0.12	0.11	0.10	0.11	5.99	ppb
Sulfur	34-1	-1823.40	-1740.54	-1709.19	-1757.71		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.20	0.20	0.15	0.18	15.64	ppb
Thallium	205-1	0.23	0.19	0.16	0.19	19.13	ppb
Thorium	232-1	0.11	0.09	0.09	0.10	10.68	ppb
Tin	118-1	0.27	0.31	0.28	0.28	6.68	ppb
Titanium	47-1	0.52	0.73	0.45	0.57	25.19	ppb
Uranium	238-1	0.07	0.07	0.08	0.07	3.24	ppb
Vanadium	51-2	0.07	0.08	0.07	0.08	9.18	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:00:34	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.66	0.92	0.69	0.76	18.66	ppb
Zirconium	90-1	0.13	0.13	0.12	0.12	1.84	ppb
Zirconium	91-1	0.16	0.12	0.16	0.15	14.93	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:08:15 DataFile Name : 022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.49	17.12	22.28	18.96	15.18	ppb
Antimony	121-1	2.11	2.15	2.19	2.15	2.00	ppb
Arsenic	75-1	1.23	1.35	1.16	1.25	7.62	ppb
Barium	135-1	10.46	10.71	11.13	10.77	3.14	ppb
Barium	137-1	10.42	10.39	9.95	10.25	2.57	ppb
Beryllium	9-1	1.04	1.10	0.97	1.04	5.99	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Boron	10-1	30.65	27.57	27.30	28.51	6.53	ppb
Boron	11-1	28.23	28.36	28.85	28.48	1.15	ppb
Cadmium	111-1	1.00	0.89	0.86	0.91	8.07	ppb
Cadmium	106-1	-1.23	-0.46	-1.89	-1.19		ppb
Cadmium	108-1	0.85	0.93	0.94	0.90	5.42	ppb
Calcium	43-1	485.24	505.41	462.46	484.37	4.44	ppb
Calcium	44-1	499.17	499.17	500.63	499.66	0.17	ppb
Chromium	52-2	2.00	2.01	2.11	2.04	3.12	ppb
Cobalt	59-2	1.07	1.10	1.07	1.08	1.93	ppb
Copper	63-2	2.30	2.27	2.34	2.31	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	59.24	57.98	59.57	58.93	1.42	ppb
Iron	57-2	56.10	58.99	62.57	59.22	5.47	ppb
Krypton	83-1						cps
Lead	206-1	1.08	1.16	1.06	1.10	4.54	ppb
Lead	207-1	1.05	1.11	0.96	1.04	7.24	ppb
Lead	208-1	1.04	1.06	1.02	1.04	1.58	ppb
Lithium	6-1				108		%
Magnesium	24-2	537.08	545.86	530.15	537.70	1.46	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:08:15	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.17	1.04	1.18	1.13	6.71	ppb
Molybdenum	94-1	4.79	4.79	4.88	4.82	1.03	ppb
Molybdenum	95-1	5.03	5.10	4.84	4.99	2.70	ppb
Molybdenum	96-1	4.94	4.87	4.78	4.87	1.62	ppb
Molybdenum	97-1	4.89	5.13	5.00	5.01	2.41	ppb
Molybdenum	98-1	5.04	4.75	4.97	4.92	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.90	0.98	0.93	4.91	ppb
Phosphorus	31-2	7.30	39.24	39.07	28.54	64.44	ppb
Potassium	39-2	538.43	518.70	516.20	524.44	2.32	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	77-2	5.45	8.54	10.14	8.04	29.62	ppb
Selenium	78-2	4.02	6.56	6.22	5.60	24.67	ppb
Selenium	82-1	5.69	5.41	5.19	5.43	4.64	ppb
Silicon	28-1	4.97	3.88	3.93	4.26	14.48	ppb
Silver	109-1	1.18	1.17	1.24	1.20	3.02	ppb
Silver	107-1	1.33	1.16	1.20	1.23	6.98	ppb
Sodium	23-2	537.24	516.57	527.63	527.15	1.96	ppb
Strontium	86-1	1.00	0.96	0.99	0.98	2.32	ppb
Strontium	88-1	1.06	0.98	0.95	0.99	5.55	ppb
Sulfur	34-1	-773.26	-999.01	-865.40	-879.22		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.91	0.98	0.90	0.93	4.36	ppb
Thallium	205-1	0.97	0.95	0.98	0.97	1.44	ppb
Thorium	232-1	0.84	0.85	0.81	0.83	2.77	ppb
Tin	118-1	5.72	5.58	5.55	5.62	1.60	ppb
Titanium	47-1	5.59	5.05	5.15	5.26	5.45	ppb
Uranium	238-1	0.91	0.87	0.87	0.89	2.77	ppb
Vanadium	51-2	5.43	5.20	5.39	5.34	2.32	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:08:15	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.02	2.39	2.32	2.24	8.69	ppb
Zirconium	90-1	0.89	0.90	0.93	0.91	2.58	ppb
Zirconium	91-1	1.00	0.97	1.09	1.02	6.47	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : PB122117BL Instrumnet Name : P7
 Client Sample ID : PB122117BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:11:51 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.45	0.79	0.26	0.20	306.82	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	34.41	ppb
Arsenic	75-1	0.26	0.18	0.09	0.18	49.12	ppb
Barium	135-1	0.01	0.01	-0.02	0.00	7863.51	ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.01	-0.01	0.01	0.00		ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	3.12	4.82	3.24	3.73	25.59	ppb
Boron	11-1	4.52	4.26	4.06	4.28	5.36	ppb
Cadmium	111-1	-0.01	-0.08	0.15	0.02	678.16	ppb
Cadmium	106-1	0.01	-0.98	1.89	0.31	477.89	ppb
Cadmium	108-1	0.16	0.30	0.12	0.19	48.95	ppb
Calcium	43-1	-2.72	-2.76	-3.20	-2.89		ppb
Calcium	44-1	-0.98	-0.54	-1.82	-1.11		ppb
Chromium	52-2	-0.03	-0.04	0.01	-0.02		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.03	0.07	0.05	33.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	0.40	0.21	0.43	0.35	34.38	ppb
Iron	57-2	-0.36	-0.66	-0.66	-0.56		ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.02	0.01	213.29	ppb
Lead	207-1	0.03	-0.01	0.01	0.01	181.02	ppb
Lead	208-1	0.03	0.00	0.02	0.02	101.06	ppb
Lithium	6-1				107		%
Magnesium	24-2	-0.07	-0.49	-0.26	-0.27		ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : PB122117BL Instrumnet Name : P7
 Client Sample ID : PB122117BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:11:51 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	-0.01	0.01	244.61	ppb
Molybdenum	94-1	0.00	0.04	0.01	0.02	134.89	ppb
Molybdenum	95-1	0.02	0.02	0.00	0.01	55.27	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	58.38	ppb
Molybdenum	97-1	0.02	0.00	-0.02	0.00	564.05	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.08	-0.11	-0.10		ppb
Phosphorus	31-2	-32.18	-35.81	-32.58	-33.52		ppb
Potassium	39-2	-4.21	-5.17	-7.84	-5.74		ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.93	-0.15	0.45	0.41	131.09	ppb
Selenium	82-1	0.07	0.02	-0.06	0.01	665.79	ppb
Silicon	28-1	-4.46	-4.22	-4.55	-4.41		ppb
Silver	109-1	0.02	0.01	0.01	0.01	11.65	ppb
Silver	107-1	0.02	0.01	0.02	0.02	38.87	ppb
Sodium	23-2	6.87	7.14	7.48	7.17	4.26	ppb
Strontium	86-1	-0.02	-0.05	-0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1669.98	ppb
Sulfur	34-1	-702.00	-720.12	-678.22	-700.11		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.02	-0.01	0.02	0.01	141.28	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	49.54	ppb
Thorium	232-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	-0.01	0.01	0.04	0.01	200.69	ppb
Titanium	47-1	0.07	-0.04	-0.04	0.00		ppb
Uranium	238-1	-0.04	-0.04	-0.03	-0.04		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	PB122117BL	Instrumnet Name :	P7
Client Sample ID :	PB122117BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:11:51	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	0.09	-0.05	0.01	799.25	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	68.25	ppb
Zirconium	91-1	0.02	0.04	0.04	0.03	35.92	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : PB122117BS Instrumnet Name : P7
 Client Sample ID : PB122117BS Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:15:27 DataFile Name : 024DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10597.32	10643.85	10550.20	10597.12	0.44	ppb
Antimony	121-1	525.03	512.95	516.26	518.08	1.20	ppb
Arsenic	75-1	544.53	539.19	546.18	543.30	0.67	ppb
Barium	135-1	2643.41	2592.74	2599.88	2612.01	1.05	ppb
Barium	137-1	2700.52	2657.24	2666.71	2674.83	0.85	ppb
Beryllium	9-1	532.59	529.60	527.60	529.93	0.47	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	493.78	507.28	530.44	510.50	3.63	ppb
Boron	11-1	502.64	511.46	527.80	513.97	2.48	ppb
Cadmium	111-1	542.39	531.53	530.38	534.76	1.24	ppb
Cadmium	106-1	531.09	527.62	520.06	526.26	1.07	ppb
Cadmium	108-1	532.38	527.49	522.58	527.48	0.93	ppb
Calcium	43-1	51338.78	51754.12	52372.43	51821.78	1.00	ppb
Calcium	44-1	51646.41	52645.24	52781.37	52357.67	1.18	ppb
Chromium	52-2	512.33	516.06	509.63	512.67	0.63	ppb
Cobalt	59-2	518.08	521.45	515.81	518.44	0.55	ppb
Copper	63-2	1065.66	1068.99	1063.81	1066.15	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	27206.42	27282.25	26850.25	27112.97	0.85	ppb
Iron	57-2	26999.87	27266.78	26834.01	27033.55	0.81	ppb
Krypton	83-1						cps
Lead	206-1	522.28	518.31	522.64	521.07	0.46	ppb
Lead	207-1	539.80	538.99	536.13	538.31	0.36	ppb
Lead	208-1	517.49	514.80	513.31	515.20	0.41	ppb
Lithium	6-1				106		%
Magnesium	24-2	53398.57	52991.36	52607.70	52999.21	0.75	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : PB122117BS Instrumnet Name : P7
 Client Sample ID : PB122117BS Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:15:27 DataFile Name : 024DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1059.63	1062.86	1056.05	1059.51	0.32	ppb
Molybdenum	94-1	2443.31	2451.58	2445.29	2446.73	0.18	ppb
Molybdenum	95-1	2444.78	2465.22	2451.79	2453.93	0.42	ppb
Molybdenum	96-1	2450.11	2453.29	2452.70	2452.03	0.07	ppb
Molybdenum	97-1	2409.89	2385.78	2372.10	2389.26	0.80	ppb
Molybdenum	98-1	2460.22	2453.37	2442.58	2452.05	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.65	525.34	521.58	523.19	0.37	ppb
Phosphorus	31-2	-30.88	-44.85	-30.91	-35.54		ppb
Potassium	39-2	26383.51	26255.17	26249.19	26295.96	0.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	538.66	491.71	461.15	497.17	7.85	ppb
Selenium	78-2	515.38	509.68	508.67	511.25	0.71	ppb
Selenium	82-1	518.10	515.65	516.25	516.67	0.25	ppb
Silicon	28-1	475.76	481.34	482.65	479.92	0.76	ppb
Silver	109-1	505.37	496.70	489.47	497.18	1.60	ppb
Silver	107-1	502.79	496.57	492.72	497.36	1.02	ppb
Sodium	23-2	52555.24	52409.56	52222.38	52395.72	0.32	ppb
Strontium	86-1	483.80	484.44	486.21	484.82	0.26	ppb
Strontium	88-1	483.22	481.98	488.27	484.49	0.69	ppb
Sulfur	34-1	-1194.18	-1332.33	-1547.23	-1357.92		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	494.33	492.48	497.81	494.87	0.55	ppb
Thallium	205-1	502.97	505.43	509.81	506.07	0.68	ppb
Thorium	232-1	0.05	0.08	0.06	0.06	19.93	ppb
Tin	118-1	551.59	539.51	536.82	542.64	1.45	ppb
Titanium	47-1	2576.07	2600.42	2615.37	2597.29	0.76	ppb
Uranium	238-1	490.80	496.84	502.50	496.71	1.18	ppb
Vanadium	51-2	512.80	511.74	508.21	510.92	0.47	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	PB122117BS	Instrumnet Name :	P7
Client Sample ID :	PB122117BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:15:27	DataFile Name :	024DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1033.13	1044.15	1036.60	1037.96	0.54	ppb
Zirconium	90-1	491.86	472.61	472.07	478.85	2.35	ppb
Zirconium	91-1	489.83	489.69	488.32	489.28	0.17	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4260-01	Instrumnet Name :	P7
Client Sample ID :	390723763.1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:19:03	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.78	5.96	9.06	8.94	32.55	ppb
Antimony	121-1	0.70	0.68	0.73	0.70	3.00	ppb
Arsenic	75-1	0.39	0.64	0.70	0.57	29.12	ppb
Barium	135-1	14.03	13.79	13.83	13.88	0.92	ppb
Barium	137-1	13.71	13.21	13.78	13.57	2.31	ppb
Beryllium	9-1	0.15	0.15	0.08	0.13	32.77	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	190.80	206.94	199.08	198.94	4.06	ppb
Boron	11-1	202.25	204.38	203.37	203.33	0.52	ppb
Cadmium	111-1	-0.10	-0.36	-0.33	-0.26		ppb
Cadmium	106-1	-3.20	-6.10	-6.08	-5.13		ppb
Cadmium	108-1	0.03	0.21	0.21	0.15	71.25	ppb
Calcium	43-1	31357.19	31574.46	30915.81	31282.49	1.07	ppb
Calcium	44-1	31733.80	31616.02	31218.88	31522.90	0.86	ppb
Chromium	52-2	0.41	0.37	0.54	0.44	19.85	ppb
Cobalt	59-2	0.71	0.84	0.73	0.76	9.58	ppb
Copper	63-2	2.61	2.75	3.01	2.79	7.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	94.81	102.87	97.71	98.47	4.15	ppb
Iron	57-2	186.42	203.95	193.78	194.72	4.52	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.25	0.18	0.23	17.85	ppb
Lead	207-1	0.21	0.24	0.19	0.21	11.66	ppb
Lead	208-1	0.22	0.24	0.20	0.22	7.69	ppb
Lithium	6-1				104		%
Magnesium	24-2	6760.96	7385.72	6924.26	7023.65	4.61	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4260-01	Instrumnet Name :	P7
Client Sample ID :	390723763.1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:19:03	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.78	8.95	8.41	8.71	3.19	ppb
Molybdenum	94-1	1.37	1.58	1.38	1.44	8.07	ppb
Molybdenum	95-1	1.68	1.79	1.43	1.63	11.08	ppb
Molybdenum	96-1	1.68	1.78	1.60	1.68	5.36	ppb
Molybdenum	97-1	1.88	1.64	1.68	1.73	7.29	ppb
Molybdenum	98-1	1.73	1.70	1.59	1.67	4.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.97	3.81	3.95	3.91	2.33	ppb
Phosphorus	31-2	429.91	451.07	476.51	452.50	5.16	ppb
Potassium	39-2	14684.46	16162.33	15117.72	15321.50	4.96	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.88	0.83	0.57	86.73	ppb
Selenium	78-2	-0.40	0.34	-0.11	-0.06		ppb
Selenium	82-1	0.64	0.70	0.53	0.62	13.94	ppb
Silicon	28-1	5033.43	5073.44	4935.88	5014.25	1.41	ppb
Silver	109-1	0.12	0.08	0.10	0.10	22.27	ppb
Silver	107-1	0.11	0.12	0.11	0.11	6.52	ppb
Sodium	23-2	72987.69	79756.58	74617.46	75787.25	4.66	ppb
Strontium	86-1	582.67	585.87	575.41	581.32	0.92	ppb
Strontium	88-1	588.41	589.50	588.34	588.75	0.11	ppb
Sulfur	34-1	12388.06	12521.26	11800.72	12236.68	3.13	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.16	0.11	0.10	0.12	28.09	ppb
Thallium	205-1	0.18	0.13	0.13	0.15	18.94	ppb
Thorium	232-1	-0.01	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.53	0.52	0.60	0.55	7.37	ppb
Titanium	47-1	1.13	1.21	1.29	1.21	6.46	ppb
Uranium	238-1	0.05	0.09	0.07	0.07	32.00	ppb
Vanadium	51-2	0.28	0.23	0.26	0.26	9.66	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4260-01	Instrumnet Name :	P7
Client Sample ID :	390723763.1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:19:03	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.65	33.24	32.39	31.76	5.90	ppb
Zirconium	90-1	0.20	0.20	0.20	0.20	1.29	ppb
Zirconium	91-1	0.25	0.25	0.16	0.22	22.96	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01	Instrumnet Name :	P7
Client Sample ID :	390730087	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:22:39	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.37	7.80	7.26	7.48	3.79	ppb
Antimony	121-1	0.14	0.15	0.17	0.15	10.39	ppb
Arsenic	75-1	1.89	1.84	1.89	1.87	1.63	ppb
Barium	135-1	187.58	183.83	187.23	186.21	1.11	ppb
Barium	137-1	184.48	181.90	183.36	183.25	0.71	ppb
Beryllium	9-1	0.08	0.05	0.05	0.06	36.16	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	113.76	109.72	109.33	110.94	2.21	ppb
Boron	11-1	114.02	112.50	114.53	113.69	0.93	ppb
Cadmium	111-1	-0.27	-0.16	-0.21	-0.22		ppb
Cadmium	106-1	-5.22	-3.28	-4.19	-4.23		ppb
Cadmium	108-1	0.35	0.20	0.44	0.33	35.58	ppb
Calcium	43-1	48728.13	48146.16	48402.13	48425.47	0.60	ppb
Calcium	44-1	49690.55	48767.02	49502.17	49319.91	0.99	ppb
Chromium	52-2	0.56	0.53	0.61	0.57	7.64	ppb
Cobalt	59-2	0.06	0.04	0.06	0.05	15.77	ppb
Copper	63-2	66.25	67.01	66.72	66.66	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	305.39	306.64	306.75	306.26	0.25	ppb
Iron	57-2	438.77	445.10	459.33	447.73	2.35	ppb
Krypton	83-1						cps
Lead	206-1	20.07	20.01	20.05	20.04	0.16	ppb
Lead	207-1	19.54	19.57	19.45	19.52	0.32	ppb
Lead	208-1	19.62	19.42	19.41	19.48	0.62	ppb
Lithium	6-1				104		%
Magnesium	24-2	9000.94	9038.55	9097.54	9045.68	0.54	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01	Instrumnet Name :	P7
Client Sample ID :	390730087	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:22:39	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.65	1.64	1.64	1.65	0.42	ppb
Molybdenum	94-1	0.56	0.54	0.52	0.54	3.98	ppb
Molybdenum	95-1	0.75	0.72	0.66	0.71	6.78	ppb
Molybdenum	96-1	0.68	0.58	0.78	0.68	14.18	ppb
Molybdenum	97-1	0.71	0.71	0.75	0.72	3.53	ppb
Molybdenum	98-1	0.70	0.66	0.69	0.68	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.66	0.53	0.56	17.03	ppb
Phosphorus	31-2	-4.58	2.53	9.53	2.50	282.65	ppb
Potassium	39-2	981.81	974.85	988.50	981.72	0.70	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	0.80	0.00	0.00	0.27	173.21	ppb
Selenium	78-2	1.55	0.23	1.02	0.93	71.12	ppb
Selenium	82-1	0.95	0.67	0.72	0.78	19.36	ppb
Silicon	28-1	8787.74	8669.66	8739.70	8732.36	0.68	ppb
Silver	109-1	0.06	0.10	0.07	0.08	32.45	ppb
Silver	107-1	0.10	0.09	0.08	0.09	8.01	ppb
Sodium	23-2	12459.45	12582.62	12609.94	12550.67	0.64	ppb
Strontium	86-1	148.37	148.05	144.81	147.08	1.34	ppb
Strontium	88-1	144.68	143.02	142.91	143.54	0.69	ppb
Sulfur	34-1	13237.16	12933.05	13264.80	13145.00	1.40	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.01	0.04	0.03	71.01	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	21.78	ppb
Thorium	232-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.54	0.57	0.56	0.56	3.15	ppb
Titanium	47-1	0.81	0.90	0.75	0.82	8.91	ppb
Uranium	238-1	0.79	0.81	0.81	0.80	1.18	ppb
Vanadium	51-2	8.92	8.74	9.25	8.97	2.86	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01	Instrumnet Name :	P7
Client Sample ID :	390730087	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:22:39	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	103.57	101.60	102.53	102.57	0.96	ppb
Zirconium	90-1	0.04	0.04	0.06	0.05	26.53	ppb
Zirconium	91-1	0.09	0.05	0.07	0.07	27.61	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4198-01DUP Instrumnet Name : P7
 Client Sample ID : 390730087DUP Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:26:16 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.64	6.21	6.93	6.93	10.32	ppb
Antimony	121-1	0.06	0.03	0.06	0.05	29.58	ppb
Arsenic	75-1	1.82	2.45	2.01	2.09	15.53	ppb
Barium	135-1	187.55	183.79	183.81	185.05	1.17	ppb
Barium	137-1	184.71	182.00	180.67	182.46	1.13	ppb
Beryllium	9-1	0.03	0.00	0.03	0.02	75.86	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	107.83	104.55	107.71	106.70	1.74	ppb
Boron	11-1	108.28	108.26	109.44	108.66	0.62	ppb
Cadmium	111-1	-0.13	-0.24	-0.32	-0.23		ppb
Cadmium	106-1	-2.22	-3.50	-5.00	-3.57		ppb
Cadmium	108-1	0.25	0.25	-0.07	0.14	126.89	ppb
Calcium	43-1	48699.82	48399.75	48149.66	48416.41	0.57	ppb
Calcium	44-1	49114.22	49120.52	49441.35	49225.36	0.38	ppb
Chromium	52-2	0.49	0.58	0.47	0.52	10.62	ppb
Cobalt	59-2	0.03	0.01	0.04	0.03	49.68	ppb
Copper	63-2	67.32	68.07	68.28	67.89	0.74	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				111		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	302.89	305.67	305.06	304.54	0.48	ppb
Iron	57-2	427.96	450.37	466.76	448.36	4.34	ppb
Krypton	83-1						cps
Lead	206-1	20.33	20.19	19.98	20.17	0.86	ppb
Lead	207-1	19.51	19.75	19.70	19.65	0.63	ppb
Lead	208-1	19.41	19.57	19.34	19.44	0.61	ppb
Lithium	6-1				104		%
Magnesium	24-2	8988.47	9010.07	9018.91	9005.81	0.17	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01DUP	Instrumnet Name :	P7
Client Sample ID :	390730087DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:26:16	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.65	1.56	1.51	1.57	4.40	ppb
Molybdenum	94-1	0.27	0.36	0.32	0.32	14.62	ppb
Molybdenum	95-1	0.39	0.38	0.48	0.41	14.14	ppb
Molybdenum	96-1	0.43	0.37	0.38	0.39	8.13	ppb
Molybdenum	97-1	0.44	0.47	0.40	0.44	7.81	ppb
Molybdenum	98-1	0.44	0.40	0.42	0.42	4.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.37	0.48	0.42	0.42	12.50	ppb
Phosphorus	31-2	11.52	-8.24	5.06	2.78	362.41	ppb
Potassium	39-2	981.78	982.36	984.39	982.84	0.14	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	0.79	0.00	0.79	0.53	86.60	ppb
Selenium	78-2	0.20	1.13	0.46	0.59	80.53	ppb
Selenium	82-1	0.84	0.84	0.78	0.82	4.50	ppb
Silicon	28-1	8770.86	8779.30	8739.52	8763.23	0.24	ppb
Silver	109-1	0.02	0.04	0.03	0.03	33.47	ppb
Silver	107-1	0.05	0.05	0.03	0.04	29.15	ppb
Sodium	23-2	12495.49	12470.23	12521.56	12495.76	0.21	ppb
Strontium	86-1	147.94	148.45	144.19	146.86	1.59	ppb
Strontium	88-1	144.79	144.36	141.67	143.61	1.18	ppb
Sulfur	34-1	13699.38	13355.90	13229.89	13428.39	1.81	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.00	-0.01	0.02	0.00	423.82	ppb
Thallium	205-1	-0.01	0.00	0.02	0.00	506.93	ppb
Thorium	232-1	-0.02	-0.03	-0.04	-0.03		ppb
Tin	118-1	0.47	0.44	0.43	0.44	4.36	ppb
Titanium	47-1	0.59	0.82	0.50	0.64	25.47	ppb
Uranium	238-1	0.79	0.75	0.77	0.77	2.03	ppb
Vanadium	51-2	8.80	9.18	8.91	8.96	2.18	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01DUP	Instrumnet Name :	P7
Client Sample ID :	390730087DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:26:16	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	104.21	101.11	104.81	103.37	1.92	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	37.18	ppb
Zirconium	91-1	0.02	0.02	0.06	0.03	65.32	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01LX5	Instrumnet Name :	P7
Client Sample ID :	390730087L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-12 14:29:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.31	1.18	1.56	1.68	34.08	ppb
Antimony	121-1	-0.01	0.01	0.02	0.01	226.78	ppb
Arsenic	75-1	0.35	0.30	0.50	0.38	27.41	ppb
Barium	135-1	38.69	38.64	37.31	38.21	2.04	ppb
Barium	137-1	39.14	37.66	36.58	37.79	3.40	ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Boron	10-1	33.05	33.62	29.62	32.10	6.74	ppb
Boron	11-1	31.85	31.10	31.05	31.33	1.43	ppb
Cadmium	111-1	-0.15	-0.17	-0.32	-0.21		ppb
Cadmium	106-1	-2.03	-2.03	-4.07	-2.71		ppb
Cadmium	108-1	0.16	0.07	-0.02	0.07	134.78	ppb
Calcium	43-1	10155.19	9929.29	9907.86	9997.45	1.37	ppb
Calcium	44-1	9935.94	9825.34	9725.89	9829.05	1.07	ppb
Chromium	52-2	0.08	0.10	0.09	0.09	13.77	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	13.75	13.27	14.38	13.80	4.03	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				113		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	56-2	62.16	61.49	62.12	61.92	0.61	ppb
Iron	57-2	96.11	93.05	85.69	91.61	5.84	ppb
Krypton	83-1						cps
Lead	206-1	3.94	4.04	3.81	3.93	2.85	ppb
Lead	207-1	3.83	3.86	3.82	3.84	0.57	ppb
Lead	208-1	3.84	3.93	3.75	3.84	2.35	ppb
Lithium	6-1				105		%
Magnesium	24-2	1823.83	1840.44	1855.31	1839.86	0.86	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01LX5	Instrumnet Name :	P7
Client Sample ID :	390730087L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-12 14:29:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.36	0.34	0.31	0.34	6.76	ppb
Molybdenum	94-1	0.10	0.07	0.01	0.06	74.45	ppb
Molybdenum	95-1	0.12	0.08	0.07	0.09	28.92	ppb
Molybdenum	96-1	0.06	0.09	0.08	0.08	21.78	ppb
Molybdenum	97-1	0.05	0.09	0.10	0.08	31.01	ppb
Molybdenum	98-1	0.07	0.08	0.11	0.09	22.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-15.18	-25.55	-28.75	-23.16		ppb
Potassium	39-2	192.98	193.69	177.62	188.09	4.83	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	0.00	1.56	0.00	0.52	173.21	ppb
Selenium	78-2	0.17	-0.37	0.65	0.15	345.30	ppb
Selenium	82-1	0.14	0.15	0.03	0.11	60.19	ppb
Silicon	28-1	1795.59	1769.34	1765.88	1776.94	0.91	ppb
Silver	109-1	0.00	0.01	0.01	0.01	68.33	ppb
Silver	107-1	0.01	0.02	0.01	0.01	50.88	ppb
Sodium	23-2	2549.08	2533.04	2557.37	2546.50	0.49	ppb
Strontium	86-1	30.26	29.19	30.14	29.87	1.95	ppb
Strontium	88-1	30.37	29.46	29.04	29.62	2.30	ppb
Sulfur	34-1	1366.05	1260.92	1136.03	1254.33	9.18	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	-0.04	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.01	-0.02	0.00	-0.01		ppb
Thorium	232-1	-0.04	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.11	0.10	0.14	0.12	15.39	ppb
Titanium	47-1	0.19	0.11	0.08	0.13	46.23	ppb
Uranium	238-1	0.13	0.11	0.11	0.12	8.12	ppb
Vanadium	51-2	1.79	1.75	1.83	1.79	2.37	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01LX5	Instrumnet Name :	P7
Client Sample ID :	390730087L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-12 14:29:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	22.12	21.48	22.23	21.94	1.85	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.04	0.01	0.02	0.02	64.82	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01MS	Instrumnet Name :	P7
Client Sample ID :	390730087MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:33:30	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1846.01	1874.78	1900.27	1873.69	1.45	ppb
Antimony	121-1	811.38	805.87	798.53	805.26	0.80	ppb
Arsenic	75-1	813.00	814.30	794.75	807.35	1.35	ppb
Barium	135-1	396.74	398.40	395.04	396.73	0.42	ppb
Barium	137-1	391.13	391.24	381.51	387.96	1.44	ppb
Beryllium	9-1	203.85	200.35	199.24	201.15	1.20	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	383.72	388.39	395.23	389.11	1.49	ppb
Boron	11-1	377.76	393.26	396.89	389.30	2.61	ppb
Cadmium	111-1	214.59	213.12	210.38	212.70	1.01	ppb
Cadmium	106-1	169.56	168.35	166.78	168.23	0.83	ppb
Cadmium	108-1	189.86	185.80	183.39	186.35	1.75	ppb
Calcium	43-1	50223.15	49569.79	49800.48	49864.47	0.66	ppb
Calcium	44-1	50796.18	50579.36	50400.69	50592.08	0.39	ppb
Chromium	52-2	398.45	399.66	409.53	402.55	1.51	ppb
Cobalt	59-2	204.24	204.51	208.07	205.60	1.04	ppb
Copper	63-2	381.05	380.48	389.81	383.78	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	3412.71	3417.53	3513.05	3447.76	1.64	ppb
Iron	57-2	3625.95	3637.99	3686.91	3650.28	0.88	ppb
Krypton	83-1						cps
Lead	206-1	1017.06	1015.29	999.12	1010.49	0.98	ppb
Lead	207-1	1016.86	1020.37	1004.76	1014.00	0.81	ppb
Lead	208-1	1026.00	1027.37	1014.00	1022.46	0.72	ppb
Lithium	6-1				108		%
Magnesium	24-2	10779.55	10907.93	11093.58	10927.02	1.44	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01MS	Instrumnet Name :	P7
Client Sample ID :	390730087MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:33:30	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	197.26	197.89	204.18	199.78	1.91	ppb
Molybdenum	94-1	259.39	259.19	259.98	259.52	0.16	ppb
Molybdenum	95-1	370.78	369.77	371.58	370.71	0.24	ppb
Molybdenum	96-1	357.59	355.13	353.44	355.39	0.59	ppb
Molybdenum	97-1	374.42	376.84	373.87	375.04	0.42	ppb
Molybdenum	98-1	370.31	368.50	367.35	368.72	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.42	513.49	524.61	517.51	1.19	ppb
Phosphorus	31-2	5843.28	5764.74	6035.28	5881.10	2.37	ppb
Potassium	39-2	11020.60	11088.94	11239.93	11116.49	1.01	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	1992.66	1910.18	2027.15	1976.66	3.04	ppb
Selenium	78-2	1995.15	2039.55	2024.32	2019.68	1.12	ppb
Selenium	82-1	2053.40	2032.36	2047.91	2044.56	0.53	ppb
Silicon	28-1	9600.64	9541.95	9588.80	9577.13	0.32	ppb
Silver	109-1	81.36	80.05	79.97	80.46	0.97	ppb
Silver	107-1	81.56	80.91	80.82	81.10	0.50	ppb
Sodium	23-2	15135.23	15334.81	15599.44	15356.49	1.52	ppb
Strontium	86-1	354.38	347.60	350.80	350.93	0.97	ppb
Strontium	88-1	353.39	352.62	351.85	352.62	0.22	ppb
Sulfur	34-1	13518.21	13369.90	13128.66	13338.92	1.47	ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	2023.58	2026.07	2014.68	2021.44	0.30	ppb
Thallium	205-1	1990.62	2012.48	2003.54	2002.21	0.55	ppb
Thorium	232-1	0.01	0.00	-0.01	0.00		ppb
Tin	118-1	729.16	737.05	730.43	732.21	0.58	ppb
Titanium	47-1	203.31	202.96	201.06	202.44	0.60	ppb
Uranium	238-1	0.74	0.75	0.81	0.77	4.55	ppb
Vanadium	51-2	305.06	308.14	315.57	309.59	1.75	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01MS	Instrumnet Name :	P7
Client Sample ID :	390730087MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:33:30	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	302.94	302.34	307.41	304.23	0.91	ppb
Zirconium	90-1	0.25	0.22	0.24	0.24	5.56	ppb
Zirconium	91-1	0.50	0.54	0.39	0.47	16.59	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01MSD	Instrumnet Name :	P7
Client Sample ID :	390730087MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:37:07	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1964.17	1932.49	1918.54	1938.40	1.21	ppb
Antimony	121-1	810.40	812.32	805.20	809.31	0.46	ppb
Arsenic	75-1	801.61	790.24	787.80	793.22	0.93	ppb
Barium	135-1	398.53	394.15	394.14	395.61	0.64	ppb
Barium	137-1	389.46	388.54	387.02	388.34	0.32	ppb
Beryllium	9-1	199.71	200.43	199.96	200.03	0.18	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	395.33	397.52	411.87	401.58	2.24	ppb
Boron	11-1	390.92	401.04	414.49	402.15	2.94	ppb
Cadmium	111-1	212.66	213.45	213.36	213.16	0.20	ppb
Cadmium	106-1	171.80	170.64	166.33	169.59	1.70	ppb
Cadmium	108-1	188.12	188.99	187.72	188.27	0.35	ppb
Calcium	43-1	49570.17	48946.97	49167.13	49228.09	0.64	ppb
Calcium	44-1	50578.08	50171.22	50200.56	50316.62	0.45	ppb
Chromium	52-2	411.43	409.71	411.18	410.77	0.23	ppb
Cobalt	59-2	209.54	208.63	208.86	209.01	0.23	ppb
Copper	63-2	391.27	387.26	386.53	388.35	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	3489.63	3483.18	3511.24	3494.68	0.42	ppb
Iron	57-2	3693.79	3669.90	3695.93	3686.54	0.39	ppb
Krypton	83-1						cps
Lead	206-1	1010.57	1002.31	1005.42	1006.10	0.41	ppb
Lead	207-1	1010.73	1011.68	1002.66	1008.36	0.49	ppb
Lead	208-1	1022.18	1024.32	1022.63	1023.05	0.11	ppb
Lithium	6-1				110		%
Magnesium	24-2	11102.25	11163.09	11109.31	11124.88	0.30	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01MSD	Instrumnet Name :	P7
Client Sample ID :	390730087MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:37:07	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	202.33	201.52	204.87	202.91	0.86	ppb
Molybdenum	94-1	267.28	258.63	258.62	261.51	1.91	ppb
Molybdenum	95-1	374.82	370.69	370.68	372.06	0.64	ppb
Molybdenum	96-1	360.03	355.68	353.71	356.47	0.91	ppb
Molybdenum	97-1	376.60	375.18	375.42	375.73	0.20	ppb
Molybdenum	98-1	370.21	373.56	365.95	369.90	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.50	520.35	524.32	522.39	0.38	ppb
Phosphorus	31-2	6132.42	5872.07	5962.81	5989.10	2.21	ppb
Potassium	39-2	11387.50	11257.12	11243.29	11295.97	0.70	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	2040.25	2073.42	2002.42	2038.70	1.74	ppb
Selenium	78-2	2041.45	2059.04	2042.80	2047.77	0.48	ppb
Selenium	82-1	2032.95	2030.84	2027.97	2030.59	0.12	ppb
Silicon	28-1	9569.93	9460.98	9450.79	9493.90	0.70	ppb
Silver	109-1	81.44	80.50	80.97	80.97	0.58	ppb
Silver	107-1	80.96	80.84	80.37	80.72	0.38	ppb
Sodium	23-2	15631.99	15573.74	15658.10	15621.28	0.28	ppb
Strontium	86-1	351.06	348.00	347.71	348.92	0.53	ppb
Strontium	88-1	354.30	353.16	351.83	353.09	0.35	ppb
Sulfur	34-1	13374.63	12965.76	12518.75	12953.05	3.30	ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	2029.47	2014.34	2027.03	2023.62	0.40	ppb
Thallium	205-1	1999.70	1996.52	2007.07	2001.09	0.27	ppb
Thorium	232-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	736.62	731.03	730.54	732.73	0.46	ppb
Titanium	47-1	203.89	199.56	198.67	200.71	1.39	ppb
Uranium	238-1	0.76	0.74	0.78	0.76	2.63	ppb
Vanadium	51-2	315.48	312.48	314.05	314.00	0.48	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01MSD	Instrumnet Name :	P7
Client Sample ID :	390730087MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:37:07	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	308.59	307.65	309.62	308.62	0.32	ppb
Zirconium	90-1	0.13	0.13	0.13	0.13	1.08	ppb
Zirconium	91-1	0.37	0.32	0.31	0.33	9.51	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01A	Instrumnet Name :	P7
Client Sample ID :	390730087A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:40:43	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1929.18	1928.53	1947.64	1935.11	0.56	ppb
Antimony	121-1	806.28	800.27	804.68	803.75	0.39	ppb
Arsenic	75-1	808.90	793.22	809.52	803.88	1.15	ppb
Barium	135-1	394.78	392.88	392.55	393.40	0.31	ppb
Barium	137-1	387.59	383.57	382.07	384.41	0.74	ppb
Beryllium	9-1	200.56	199.58	201.96	200.70	0.60	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Boron	10-1	397.92	394.79	399.67	397.46	0.62	ppb
Boron	11-1	398.61	400.90	410.75	403.42	1.60	ppb
Cadmium	111-1	213.75	209.85	210.13	211.24	1.03	ppb
Cadmium	106-1	169.91	163.70	164.88	166.16	1.99	ppb
Cadmium	108-1	182.91	187.30	183.68	184.63	1.27	ppb
Calcium	43-1	49457.33	48816.05	49180.25	49151.21	0.65	ppb
Calcium	44-1	50106.40	49993.10	49655.46	49918.32	0.47	ppb
Chromium	52-2	408.85	409.18	416.24	411.42	1.02	ppb
Cobalt	59-2	209.36	209.53	212.18	210.36	0.75	ppb
Copper	63-2	388.60	388.97	395.42	391.00	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	3498.16	3510.19	3556.66	3521.67	0.88	ppb
Iron	57-2	3688.99	3683.17	3812.82	3728.33	1.96	ppb
Krypton	83-1						cps
Lead	206-1	1001.81	1003.63	997.48	1000.97	0.32	ppb
Lead	207-1	999.91	998.34	997.60	998.62	0.12	ppb
Lead	208-1	1014.79	1015.49	1012.70	1014.32	0.14	ppb
Lithium	6-1				109		%
Magnesium	24-2	11112.99	11078.43	11134.41	11108.61	0.25	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01A	Instrumnet Name :	P7
Client Sample ID :	390730087A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:40:43	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	201.91	203.18	204.91	203.33	0.74	ppb
Molybdenum	94-1	261.81	259.70	259.05	260.18	0.55	ppb
Molybdenum	95-1	373.81	372.45	371.06	372.44	0.37	ppb
Molybdenum	96-1	358.11	354.86	355.89	356.29	0.47	ppb
Molybdenum	97-1	375.32	373.83	371.23	373.46	0.55	ppb
Molybdenum	98-1	370.25	366.12	367.23	367.87	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.74	523.16	533.30	526.73	1.08	ppb
Phosphorus	31-2	6061.19	6097.64	5936.24	6031.69	1.40	ppb
Potassium	39-2	11157.15	11185.17	11308.23	11216.85	0.72	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	2108.84	2095.27	2110.90	2105.00	0.40	ppb
Selenium	78-2	2067.73	2076.87	2040.63	2061.74	0.91	ppb
Selenium	82-1	2040.52	2021.83	2013.20	2025.18	0.69	ppb
Silicon	28-1	9567.97	9506.46	9491.93	9522.12	0.42	ppb
Silver	109-1	80.80	81.09	79.78	80.56	0.86	ppb
Silver	107-1	81.22	80.91	79.75	80.63	0.96	ppb
Sodium	23-2	15493.23	15621.34	15746.48	15620.35	0.81	ppb
Strontium	86-1	350.83	348.59	351.55	350.33	0.44	ppb
Strontium	88-1	354.41	351.99	352.57	352.99	0.36	ppb
Sulfur	34-1	13277.38	12915.37	13118.82	13103.86	1.38	ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	1987.37	2013.56	2022.52	2007.82	0.91	ppb
Thallium	205-1	1984.92	1998.69	2012.22	1998.61	0.68	ppb
Thorium	232-1	-0.01	0.00	-0.01	0.00		ppb
Tin	118-1	731.59	727.23	727.36	728.73	0.34	ppb
Titanium	47-1	200.27	197.56	201.42	199.75	0.99	ppb
Uranium	238-1	0.78	0.76	0.79	0.78	1.81	ppb
Vanadium	51-2	314.90	312.80	318.86	315.52	0.98	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01A	Instrumnet Name :	P7
Client Sample ID :	390730087A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:40:43	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	309.76	305.73	313.37	309.62	1.23	ppb
Zirconium	90-1	0.11	0.09	0.12	0.11	13.87	ppb
Zirconium	91-1	0.27	0.32	0.34	0.31	11.44	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:46:47	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50925.64	51073.70	51176.64	51058.66	0.25	ppb
Antimony	121-1	494.87	487.55	485.87	489.43	0.98	ppb
Arsenic	75-1	488.24	485.13	493.26	488.88	0.84	ppb
Barium	135-1	2473.14	2452.65	2429.31	2451.70	0.89	ppb
Barium	137-1	2529.82	2522.58	2533.00	2528.47	0.21	ppb
Beryllium	9-1	517.96	515.30	516.11	516.45	0.26	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	509.20	520.52	519.02	516.25	1.19	ppb
Boron	11-1	507.10	520.63	524.92	517.55	1.80	ppb
Cadmium	111-1	488.65	485.78	481.46	485.30	0.75	ppb
Cadmium	106-1	503.06	489.51	488.41	493.66	1.65	ppb
Cadmium	108-1	497.66	494.57	494.66	495.63	0.35	ppb
Calcium	43-1	252547.43	249984.92	251525.57	251352.64	0.51	ppb
Calcium	44-1	251096.07	251527.66	250400.80	251008.18	0.23	ppb
Chromium	52-2	504.77	503.16	506.22	504.72	0.30	ppb
Cobalt	59-2	493.80	497.05	497.73	496.20	0.42	ppb
Copper	63-2	959.26	955.70	966.73	960.56	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				113		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	126157.03	126489.26	126371.53	126339.27	0.13	ppb
Iron	57-2	123509.09	123055.36	124925.70	123830.05	0.79	ppb
Krypton	83-1						cps
Lead	206-1	530.42	524.66	522.85	525.98	0.75	ppb
Lead	207-1	533.26	530.49	522.62	528.79	1.04	ppb
Lead	208-1	513.69	512.64	510.26	512.20	0.34	ppb
Lithium	6-1				105		%
Magnesium	24-2	252931.62	254659.14	253601.59	253730.79	0.34	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:46:47	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.67	994.72	995.27	991.89	0.54	ppb
Molybdenum	94-1	2547.04	2551.95	2556.36	2551.78	0.18	ppb
Molybdenum	95-1	2559.73	2546.48	2556.79	2554.33	0.27	ppb
Molybdenum	96-1	2573.45	2551.13	2558.97	2561.18	0.44	ppb
Molybdenum	97-1	2547.01	2458.89	2446.96	2484.28	2.20	ppb
Molybdenum	98-1	2555.73	2553.30	2550.84	2553.29	0.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.48	487.16	492.74	489.13	0.64	ppb
Phosphorus	31-2	9791.42	9862.82	10064.97	9906.40	1.43	ppb
Potassium	39-2	128833.19	128227.40	128394.74	128485.11	0.24	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	427.63	484.96	474.31	462.30	6.60	ppb
Selenium	78-2	475.33	487.53	483.39	482.08	1.29	ppb
Selenium	82-1	469.60	470.29	469.17	469.69	0.12	ppb
Silicon	28-1	503.15	507.97	508.34	506.49	0.57	ppb
Silver	109-1	478.08	471.00	472.35	473.81	0.79	ppb
Silver	107-1	482.00	476.53	473.10	477.21	0.94	ppb
Sodium	23-2	253557.36	255068.35	254810.77	254478.83	0.32	ppb
Strontium	86-1	511.29	500.37	504.29	505.32	1.10	ppb
Strontium	88-1	508.81	512.29	514.98	512.03	0.60	ppb
Sulfur	34-1	10005.09	9527.59	9801.68	9778.12	2.45	ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	506.20	509.13	503.97	506.43	0.51	ppb
Thallium	205-1	523.16	524.08	518.22	521.82	0.60	ppb
Thorium	232-1	534.93	536.96	538.71	536.87	0.35	ppb
Tin	118-1	512.60	505.28	502.66	506.84	1.02	ppb
Titanium	47-1	2503.83	2481.35	2488.03	2491.07	0.46	ppb
Uranium	238-1	535.68	542.03	534.22	537.31	0.77	ppb
Vanadium	51-2	501.19	503.42	504.89	503.16	0.37	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:46:47	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	907.58	919.08	919.24	915.30	0.73	ppb
Zirconium	90-1	515.16	516.02	514.45	515.21	0.15	ppb
Zirconium	91-1	509.51	505.72	508.82	508.02	0.40	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:50:40	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.59	4.44	4.51	4.51	1.69	ppb
Antimony	121-1	0.43	0.53	0.49	0.48	10.83	ppb
Arsenic	75-1	0.31	0.13	0.20	0.21	43.34	ppb
Barium	135-1	0.38	0.41	0.21	0.33	31.72	ppb
Barium	137-1	0.41	0.32	0.25	0.33	24.75	ppb
Beryllium	9-1	0.08	0.09	0.08	0.08	4.97	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Boron	10-1	31.09	27.13	26.81	28.34	8.41	ppb
Boron	11-1	30.06	27.91	27.00	28.32	5.55	ppb
Cadmium	111-1	0.08	-0.26	-0.42	-0.20		ppb
Cadmium	106-1	-0.54	-4.52	-6.09	-3.72		ppb
Cadmium	108-1	0.11	0.02	0.07	0.07	67.78	ppb
Calcium	43-1	35.62	18.39	24.11	26.04	33.68	ppb
Calcium	44-1	33.34	28.80	23.81	28.65	16.64	ppb
Chromium	52-2	0.01	0.04	-0.01	0.01	222.60	ppb
Cobalt	59-2	0.04	0.02	0.02	0.02	43.64	ppb
Copper	63-2	0.14	0.13	0.12	0.13	7.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	11.08	9.59	8.95	9.87	11.05	ppb
Iron	57-2	8.72	7.55	10.49	8.92	16.59	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.07	0.08	8.37	ppb
Lead	207-1	0.14	0.11	0.09	0.11	24.22	ppb
Lead	208-1	0.11	0.09	0.09	0.10	12.93	ppb
Lithium	6-1				110		%
Magnesium	24-2	18.24	15.45	15.32	16.34	10.10	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:50:40	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.07	0.10	0.09	22.97	ppb
Molybdenum	94-1	0.60	0.64	0.53	0.59	9.69	ppb
Molybdenum	95-1	0.65	0.64	0.56	0.62	7.65	ppb
Molybdenum	96-1	0.75	0.53	0.54	0.60	20.62	ppb
Molybdenum	97-1	0.63	0.58	0.45	0.55	16.80	ppb
Molybdenum	98-1	0.72	0.56	0.48	0.58	20.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	0.00	-0.03		ppb
Phosphorus	31-2	-32.27	-35.44	-28.52	-32.08		ppb
Potassium	39-2	-0.10	-1.31	3.92	0.84	326.66	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.78	0.00	0.26	173.21	ppb
Selenium	78-2	0.40	-1.14	-0.50	-0.41		ppb
Selenium	82-1	0.04	0.75	0.27	0.35	102.83	ppb
Silicon	28-1	-1.42	-2.32	-2.53	-2.09		ppb
Silver	109-1	0.10	0.11	0.08	0.10	15.88	ppb
Silver	107-1	0.12	0.09	0.07	0.09	29.83	ppb
Sodium	23-2	43.59	41.60	36.54	40.57	8.96	ppb
Strontium	86-1	0.05	-0.01	-0.03	0.00	1866.93	ppb
Strontium	88-1	0.09	0.07	0.07	0.08	18.68	ppb
Sulfur	34-1	-1577.37	-1622.38	-1640.71	-1613.49		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.24	0.28	0.19	0.23	19.43	ppb
Thallium	205-1	0.29	0.25	0.21	0.25	15.51	ppb
Thorium	232-1	0.13	0.12	0.08	0.11	21.00	ppb
Tin	118-1	0.37	0.35	0.35	0.36	2.73	ppb
Titanium	47-1	0.49	0.36	0.32	0.39	22.39	ppb
Uranium	238-1	0.05	0.05	0.02	0.04	49.16	ppb
Vanadium	51-2	0.06	0.05	0.05	0.05	18.03	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:50:40	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.07	0.18	0.04	0.10	71.93	ppb
Zirconium	90-1	0.11	0.09	0.08	0.10	14.37	ppb
Zirconium	91-1	0.16	0.12	0.07	0.11	40.06	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4199-01 Instrumnet Name : P7
 Client Sample ID : 390730085 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:54:16 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.76	22.54	21.59	22.30	2.77	ppb
Antimony	121-1	0.19	0.16	0.21	0.19	13.05	ppb
Arsenic	75-1	0.13	0.19	0.17	0.16	20.08	ppb
Barium	135-1	0.46	0.39	0.58	0.48	20.60	ppb
Barium	137-1	0.43	0.35	0.47	0.42	14.55	ppb
Beryllium	9-1	0.05	0.02	0.06	0.04	45.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	37.27	37.43	35.11	36.60	3.54	ppb
Boron	11-1	35.96	35.31	36.09	35.79	1.18	ppb
Cadmium	111-1	-0.17	-0.23	-0.37	-0.26		ppb
Cadmium	106-1	-2.69	-3.19	-5.30	-3.73		ppb
Cadmium	108-1	0.16	0.03	0.16	0.12	67.75	ppb
Calcium	43-1	130.93	124.18	118.87	124.66	4.85	ppb
Calcium	44-1	138.19	137.96	134.53	136.89	1.50	ppb
Chromium	52-2	0.50	0.48	0.48	0.49	2.02	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	38.56	ppb
Copper	63-2	9.07	8.87	8.91	8.95	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	176.84	176.21	177.20	176.75	0.28	ppb
Iron	57-2	185.60	172.83	152.16	170.19	9.92	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.30	0.28	0.29	4.98	ppb
Lead	207-1	0.22	0.23	0.22	0.22	4.07	ppb
Lead	208-1	0.25	0.26	0.25	0.26	2.07	ppb
Lithium	6-1				105		%
Magnesium	24-2	20.37	19.26	20.08	19.90	2.90	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4199-01	Instrumnet Name :	P7
Client Sample ID :	390730085	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:54:16	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.35	0.43	0.38	0.39	10.63	ppb
Molybdenum	94-1	0.26	0.20	0.25	0.24	14.14	ppb
Molybdenum	95-1	0.17	0.18	0.16	0.17	7.09	ppb
Molybdenum	96-1	0.20	0.23	0.19	0.21	11.94	ppb
Molybdenum	97-1	0.18	0.21	0.21	0.20	9.68	ppb
Molybdenum	98-1	0.19	0.17	0.16	0.17	10.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	0.09	0.04	132.73	ppb
Phosphorus	31-2	241.49	304.22	272.90	272.87	11.49	ppb
Potassium	39-2	774.85	748.37	772.44	765.22	1.91	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	0.82	0.00	0.81	0.54	86.60	ppb
Selenium	78-2	-0.67	-0.96	0.25	-0.46		ppb
Selenium	82-1	-0.01	0.12	0.19	0.10	98.02	ppb
Silicon	28-1	5009.99	5064.18	4931.58	5001.92	1.33	ppb
Silver	109-1	0.03	0.02	0.01	0.02	34.87	ppb
Silver	107-1	0.04	0.03	0.01	0.03	52.38	ppb
Sodium	23-2	76448.82	75774.07	76195.65	76139.52	0.45	ppb
Strontium	86-1	0.49	0.40	0.56	0.48	17.08	ppb
Strontium	88-1	0.55	0.51	0.53	0.53	3.53	ppb
Sulfur	34-1	17506.34	17630.36	17014.34	17383.68	1.87	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.15	0.08	0.13	0.12	28.65	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	3.23	ppb
Thorium	232-1	0.05	0.04	0.03	0.04	22.50	ppb
Tin	118-1	0.11	0.22	0.16	0.16	34.43	ppb
Titanium	47-1	0.68	0.82	0.40	0.63	33.38	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	143.18	ppb
Vanadium	51-2	0.05	0.04	0.03	0.04	17.88	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4199-01	Instrumnet Name :	P7
Client Sample ID :	390730085	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:54:16	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.48	7.28	7.00	6.92	5.81	ppb
Zirconium	90-1	0.10	0.07	0.08	0.09	20.21	ppb
Zirconium	91-1	0.19	0.11	0.13	0.14	28.52	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : PB122185BL Instrumnet Name : P7
 Client Sample ID : PB122185BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:59:22 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.04	1.58	1.22	1.28	21.76	ppb
Antimony	121-1	0.05	0.08	0.05	0.06	32.12	ppb
Arsenic	75-1	-0.08	0.40	0.22	0.18	135.37	ppb
Barium	135-1	0.02	0.09	0.07	0.06	60.14	ppb
Barium	137-1	0.05	0.06	0.02	0.04	48.12	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	36.42	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	9.35	8.96	6.86	8.39	15.93	ppb
Boron	11-1	8.45	8.41	8.76	8.54	2.24	ppb
Cadmium	111-1	-0.44	-0.43	-0.44	-0.44		ppb
Cadmium	106-1	-5.78	-5.75	-5.54	-5.69		ppb
Cadmium	108-1	0.16	0.03	0.11	0.10	68.04	ppb
Calcium	43-1	4.23	4.57	2.02	3.61	38.37	ppb
Calcium	44-1	2.75	1.29	2.82	2.28	37.89	ppb
Chromium	52-2	-0.02	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.05	0.09	0.05	0.06	38.86	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				110		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	3.49	3.49	3.79	3.59	4.94	ppb
Iron	57-2	0.82	3.13	0.81	1.59	84.02	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	-0.01	0.01	149.20	ppb
Lead	207-1	0.00	0.01	0.05	0.02	120.18	ppb
Lead	208-1	0.02	0.02	0.02	0.02	17.01	ppb
Lithium	6-1				106		%
Magnesium	24-2	4.22	6.75	6.13	5.70	23.10	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	PB122185BL	Instrumnet Name :	P7
Client Sample ID :	PB122185BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:59:22	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.04	0.02	0.04	27.51	ppb
Molybdenum	94-1	0.10	0.06	0.07	0.08	28.40	ppb
Molybdenum	95-1	0.09	0.07	0.09	0.08	16.08	ppb
Molybdenum	96-1	0.08	0.07	0.10	0.08	18.80	ppb
Molybdenum	97-1	0.09	0.10	0.04	0.08	39.78	ppb
Molybdenum	98-1	0.09	0.07	0.08	0.08	13.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.07	-0.10	-0.09		ppb
Phosphorus	31-2	-38.42	-18.40	-41.80	-32.87		ppb
Potassium	39-2	-7.69	-12.87	-5.12	-8.56		ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.21	0.33	-0.06	0.16	126.96	ppb
Selenium	82-1	0.32	-0.38	0.16	0.03	1102.96	ppb
Silicon	28-1	-4.72	-4.01	-5.00	-4.58		ppb
Silver	109-1	0.02	0.00	0.01	0.01	82.30	ppb
Silver	107-1	0.01	0.02	0.02	0.02	13.93	ppb
Sodium	23-2	19.46	19.35	15.93	18.25	10.97	ppb
Strontium	86-1	0.03	-0.05	-0.04	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	38.77	ppb
Sulfur	34-1	-2240.08	-2134.92	-2110.35	-2161.78		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.04	0.08	0.05	58.39	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	6.25	ppb
Thorium	232-1	0.00	0.01	0.00	0.01	111.33	ppb
Tin	118-1	0.09	0.09	0.07	0.09	13.19	ppb
Titanium	47-1	0.06	0.01	0.07	0.05	63.96	ppb
Uranium	238-1	0.00	-0.02	-0.02	-0.01		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	18.35	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	PB122185BL	Instrumnet Name :	P7
Client Sample ID :	PB122185BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:59:22	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.12	0.28	0.09	0.16	61.25	ppb
Zirconium	90-1	0.03	0.01	0.01	0.02	67.67	ppb
Zirconium	91-1	0.07	-0.01	0.02	0.02	170.64	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	PB122185BS	Instrumnet Name :	P7
Client Sample ID :	PB122185BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:02:58	DataFile Name :	036LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10594.73	10429.58	10185.96	10403.42	1.98	ppb
Antimony	121-1	519.36	510.38	513.06	514.27	0.90	ppb
Arsenic	75-1	534.79	525.32	534.56	531.56	1.02	ppb
Barium	135-1	2593.96	2584.40	2605.33	2594.56	0.40	ppb
Barium	137-1	2657.88	2657.62	2661.75	2659.09	0.09	ppb
Beryllium	9-1	536.75	535.03	533.19	534.99	0.33	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	499.24	507.55	520.47	509.08	2.10	ppb
Boron	11-1	495.45	512.54	517.12	508.37	2.25	ppb
Cadmium	111-1	530.40	525.82	524.17	526.80	0.61	ppb
Cadmium	106-1	527.93	520.06	512.36	520.12	1.50	ppb
Cadmium	108-1	528.14	513.20	527.12	522.82	1.60	ppb
Calcium	43-1	51990.36	51243.34	51885.55	51706.42	0.78	ppb
Calcium	44-1	52566.39	51829.15	52951.07	52448.87	1.09	ppb
Chromium	52-2	504.96	502.20	490.79	499.32	1.50	ppb
Cobalt	59-2	512.46	511.44	499.56	507.82	1.41	ppb
Copper	63-2	1053.02	1051.25	1014.70	1039.66	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	27292.33	26817.75	26184.90	26764.99	2.08	ppb
Iron	57-2	26697.30	26582.00	25970.21	26416.51	1.48	ppb
Krypton	83-1						cps
Lead	206-1	524.23	525.05	514.20	521.16	1.16	ppb
Lead	207-1	540.24	537.72	528.01	535.32	1.21	ppb
Lead	208-1	519.19	515.94	507.67	514.27	1.16	ppb
Lithium	6-1				105		%
Magnesium	24-2	52828.46	51979.07	50828.24	51878.59	1.94	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : PB122185BS Instrumnet Name : P7
 Client Sample ID : PB122185BS Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:02:58 DataFile Name : 036LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1052.04	1049.49	1019.06	1040.20	1.76	ppb
Molybdenum	94-1	2433.80	2443.44	2438.97	2438.74	0.20	ppb
Molybdenum	95-1	2447.05	2443.72	2439.53	2443.43	0.15	ppb
Molybdenum	96-1	2454.67	2442.09	2441.42	2446.06	0.31	ppb
Molybdenum	97-1	2367.50	2360.77	2352.44	2360.24	0.32	ppb
Molybdenum	98-1	2452.89	2459.37	2433.25	2448.50	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.40	515.37	501.10	511.62	1.81	ppb
Phosphorus	31-2	-34.39	-3.58	-15.46	-17.81		ppb
Potassium	39-2	26054.01	25935.44	25315.03	25768.16	1.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	526.92	533.57	504.10	521.53	2.96	ppb
Selenium	78-2	506.64	517.27	513.30	512.41	1.05	ppb
Selenium	82-1	506.49	516.59	513.95	512.35	1.02	ppb
Silicon	28-1	481.14	472.95	482.47	478.85	1.08	ppb
Silver	109-1	491.25	482.96	488.71	487.64	0.87	ppb
Silver	107-1	491.41	486.37	485.94	487.90	0.62	ppb
Sodium	23-2	51939.31	51390.12	49936.07	51088.50	2.03	ppb
Strontium	86-1	480.50	477.45	475.75	477.90	0.50	ppb
Strontium	88-1	483.93	483.06	484.08	483.69	0.11	ppb
Sulfur	34-1	-1286.27	-1383.28	-1288.03	-1319.19		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	494.81	490.68	481.47	488.98	1.40	ppb
Thallium	205-1	510.68	515.34	500.97	509.00	1.44	ppb
Thorium	232-1	0.08	0.07	0.07	0.07	8.44	ppb
Tin	118-1	543.77	534.03	536.87	538.22	0.93	ppb
Titanium	47-1	2585.41	2536.27	2607.47	2576.38	1.41	ppb
Uranium	238-1	497.25	504.88	492.15	498.10	1.29	ppb
Vanadium	51-2	506.06	499.58	487.12	497.58	1.94	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	PB122185BS	Instrumnet Name :	P7
Client Sample ID :	PB122185BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:02:58	DataFile Name :	036LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1029.09	1023.36	994.13	1015.53	1.85	ppb
Zirconium	90-1	487.52	472.15	466.62	475.43	2.28	ppb
Zirconium	91-1	484.84	482.96	483.10	483.63	0.22	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01 Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-A Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:06:34 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.44	16.93	18.81	17.72	5.48	ppb
Antimony	121-1	0.58	0.63	0.61	0.60	4.09	ppb
Arsenic	75-1	0.65	0.55	0.41	0.54	22.41	ppb
Barium	135-1	24.45	25.53	24.95	24.98	2.17	ppb
Barium	137-1	24.40	24.83	24.97	24.73	1.22	ppb
Beryllium	9-1	0.13	0.16	0.13	0.14	9.08	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	48.08	45.27	45.09	46.15	3.64	ppb
Boron	11-1	48.30	48.06	44.57	46.98	4.44	ppb
Cadmium	111-1	-0.03	0.04	0.06	0.02	219.91	ppb
Cadmium	106-1	-2.61	-1.74	-0.76	-1.70		ppb
Cadmium	108-1	0.39	0.53	0.20	0.37	44.10	ppb
Calcium	43-1	20441.44	20419.90	20351.50	20404.28	0.23	ppb
Calcium	44-1	20664.83	20792.49	20791.77	20749.70	0.35	ppb
Chromium	52-2	0.36	0.38	0.39	0.38	4.06	ppb
Cobalt	59-2	0.07	0.12	0.11	0.10	28.65	ppb
Copper	63-2	128.86	131.41	132.01	130.76	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	157.18	158.89	158.91	158.33	0.63	ppb
Iron	57-2	209.75	217.31	223.55	216.87	3.19	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.36	0.42	0.41	10.52	ppb
Lead	207-1	0.43	0.37	0.39	0.40	8.48	ppb
Lead	208-1	0.44	0.38	0.40	0.41	6.61	ppb
Lithium	6-1				106		%
Magnesium	24-2	7150.08	7246.51	7343.50	7246.70	1.33	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:06:34	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	40.09	40.21	41.20	40.50	1.50	ppb
Molybdenum	94-1	1.06	0.95	0.83	0.95	12.38	ppb
Molybdenum	95-1	1.21	1.06	0.88	1.05	15.66	ppb
Molybdenum	96-1	1.01	1.07	0.86	0.98	10.83	ppb
Molybdenum	97-1	1.15	1.00	0.96	1.04	9.39	ppb
Molybdenum	98-1	1.13	0.94	0.95	1.01	10.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.52	1.47	1.67	1.55	6.90	ppb
Phosphorus	31-2	870.00	873.60	972.18	905.26	6.41	ppb
Potassium	39-2	1409.41	1414.09	1444.73	1422.74	1.35	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.25	-0.42	-0.27	-0.32		ppb
Selenium	82-1	-0.24	0.92	0.99	0.56	123.63	ppb
Silicon	28-1	3604.84	3637.32	3621.74	3621.30	0.45	ppb
Silver	109-1	0.10	0.10	0.07	0.09	14.98	ppb
Silver	107-1	0.12	0.10	0.08	0.10	17.56	ppb
Sodium	23-2	43811.76	44234.36	44584.19	44210.10	0.87	ppb
Strontium	86-1	89.06	87.33	88.59	88.32	1.01	ppb
Strontium	88-1	86.40	85.75	86.38	86.17	0.43	ppb
Sulfur	34-1	1667.65	1486.40	1466.34	1540.13	7.20	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.19	0.20	0.12	0.17	26.73	ppb
Thallium	205-1	0.19	0.18	0.15	0.17	12.25	ppb
Thorium	232-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.39	0.33	0.43	0.38	12.19	ppb
Titanium	47-1	1.40	1.23	0.99	1.21	17.22	ppb
Uranium	238-1	0.11	0.08	0.07	0.09	25.16	ppb
Vanadium	51-2	0.23	0.21	0.26	0.23	10.18	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:06:34	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	340.35	344.25	343.06	342.55	0.58	ppb
Zirconium	90-1	0.13	0.13	0.14	0.13	2.08	ppb
Zirconium	91-1	0.15	0.16	0.10	0.14	23.62	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01DUP Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-ADU Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:10:10 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.69	12.44	16.16	13.76	15.13	ppb
Antimony	121-1	0.26	0.24	0.28	0.26	6.78	ppb
Arsenic	75-1	0.46	0.44	0.56	0.49	13.25	ppb
Barium	135-1	25.22	24.82	24.27	24.77	1.95	ppb
Barium	137-1	24.16	25.28	24.13	24.52	2.67	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	83.02	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	30.92	30.35	27.58	29.62	6.03	ppb
Boron	11-1	31.50	28.89	30.40	30.26	4.33	ppb
Cadmium	111-1	0.07	0.09	-0.29	-0.04		ppb
Cadmium	106-1	0.09	0.60	-4.23	-1.18		ppb
Cadmium	108-1	0.07	0.11	0.16	0.12	38.29	ppb
Calcium	43-1	20933.04	20285.88	20260.48	20493.13	1.86	ppb
Calcium	44-1	21400.08	20799.11	20883.87	21027.69	1.55	ppb
Chromium	52-2	0.36	0.39	0.34	0.36	6.46	ppb
Cobalt	59-2	0.07	0.06	0.06	0.06	10.86	ppb
Copper	63-2	129.82	128.99	131.60	130.14	1.03	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				110		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	155.11	154.51	155.49	155.04	0.32	ppb
Iron	57-2	212.99	207.78	216.31	212.36	2.02	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.30	0.31	0.31	2.17	ppb
Lead	207-1	0.23	0.30	0.34	0.29	17.84	ppb
Lead	208-1	0.30	0.32	0.33	0.32	3.93	ppb
Lithium	6-1				106		%
Magnesium	24-2	7297.40	7257.00	7270.70	7275.03	0.28	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01DUP Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-ADU Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:10:10 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	39.99	39.74	39.99	39.91	0.37	ppb
Molybdenum	94-1	0.40	0.38	0.30	0.36	13.79	ppb
Molybdenum	95-1	0.55	0.47	0.43	0.48	12.33	ppb
Molybdenum	96-1	0.43	0.40	0.46	0.43	6.86	ppb
Molybdenum	97-1	0.55	0.40	0.48	0.47	15.78	ppb
Molybdenum	98-1	0.46	0.47	0.48	0.47	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.51	1.53	1.41	1.48	4.34	ppb
Phosphorus	31-2	813.84	673.66	761.19	749.56	9.45	ppb
Potassium	39-2	1437.17	1402.58	1423.95	1421.23	1.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.09	0.00	0.17	0.03	465.82	ppb
Selenium	82-1	0.58	0.08	0.31	0.32	78.21	ppb
Silicon	28-1	3717.27	3578.96	3643.64	3646.62	1.90	ppb
Silver	109-1	0.01	0.02	0.02	0.02	30.61	ppb
Silver	107-1	0.02	0.03	0.02	0.02	24.14	ppb
Sodium	23-2	44648.56	43902.96	44305.57	44285.70	0.84	ppb
Strontium	86-1	87.48	86.24	88.40	87.37	1.24	ppb
Strontium	88-1	87.14	85.11	85.97	86.07	1.18	ppb
Sulfur	34-1	1655.15	1253.53	1283.69	1397.46	16.01	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.04	0.04	0.05	27.75	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	3.66	ppb
Thorium	232-1	0.00	-0.01	0.00	-0.01		ppb
Tin	118-1	0.21	0.17	0.13	0.17	23.83	ppb
Titanium	47-1	0.85	0.73	0.72	0.77	9.54	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.99	ppb
Vanadium	51-2	0.21	0.18	0.22	0.20	9.84	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01DUP	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-ADU	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:10:10	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	343.88	339.86	339.05	340.93	0.76	ppb
Zirconium	90-1	0.05	0.03	0.04	0.04	31.29	ppb
Zirconium	91-1	0.07	0.04	0.04	0.05	39.48	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01LX5 Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-AL Dilution Factor : 5
 Date & Time Acquired :: 2019-08-12 15:13:46 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.70	4.05	3.66	3.80	5.54	ppb
Antimony	121-1	0.08	0.08	0.06	0.07	16.27	ppb
Arsenic	75-1	0.64	0.15	0.04	0.27	115.60	ppb
Barium	135-1	5.49	5.10	5.08	5.23	4.42	ppb
Barium	137-1	5.13	4.71	4.89	4.91	4.29	ppb
Beryllium	9-1	0.03	-0.01	0.00	0.01	294.15	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Boron	10-1	10.28	10.06	11.88	10.74	9.28	ppb
Boron	11-1	11.40	10.55	10.66	10.87	4.28	ppb
Cadmium	111-1	-0.36	-0.31	-0.24	-0.31		ppb
Cadmium	106-1	-4.81	-4.41	-3.37	-4.20		ppb
Cadmium	108-1	0.16	0.02	0.16	0.11	68.38	ppb
Calcium	43-1	4124.86	4022.12	4088.39	4078.45	1.28	ppb
Calcium	44-1	4116.51	4075.18	4065.24	4085.65	0.67	ppb
Chromium	52-2	0.06	0.03	0.05	0.05	29.34	ppb
Cobalt	59-2	0.01	0.00	0.02	0.01	131.19	ppb
Copper	63-2	27.30	26.64	26.04	26.66	2.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	32.55	32.09	31.07	31.90	2.36	ppb
Iron	57-2	38.03	49.97	38.25	42.08	16.23	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.06	0.07	15.56	ppb
Lead	207-1	0.09	0.06	0.03	0.06	43.06	ppb
Lead	208-1	0.07	0.07	0.05	0.06	18.70	ppb
Lithium	6-1				108		%
Magnesium	24-2	1486.30	1483.34	1451.67	1473.77	1.30	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01LX5	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-AL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-12 15:13:46	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.14	8.61	8.25	8.33	2.97	ppb
Molybdenum	94-1	0.12	0.13	0.11	0.12	10.74	ppb
Molybdenum	95-1	0.16	0.16	0.14	0.15	7.62	ppb
Molybdenum	96-1	0.11	0.11	0.09	0.10	10.23	ppb
Molybdenum	97-1	0.13	0.16	0.13	0.14	9.03	ppb
Molybdenum	98-1	0.12	0.12	0.12	0.12	4.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.18	0.21	0.21	16.15	ppb
Phosphorus	31-2	184.33	121.38	175.23	160.31	21.22	ppb
Potassium	39-2	274.56	264.38	261.19	266.71	2.62	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.80	0.27	173.21	ppb
Selenium	78-2	0.00	0.65	-1.37	-0.24		ppb
Selenium	82-1	0.21	0.61	-0.23	0.20	215.38	ppb
Silicon	28-1	712.17	707.57	707.47	709.07	0.38	ppb
Silver	109-1	0.01	0.01	0.02	0.01	27.61	ppb
Silver	107-1	0.02	0.01	0.01	0.01	33.89	ppb
Sodium	23-2	8719.56	8615.08	8668.69	8667.78	0.60	ppb
Strontium	86-1	17.81	17.34	17.67	17.61	1.40	ppb
Strontium	88-1	17.64	17.34	17.21	17.40	1.25	ppb
Sulfur	34-1	-1532.19	-1418.33	-1488.10	-1479.54		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.05	0.04	0.03	48.05	ppb
Thallium	205-1	0.03	0.02	0.02	0.03	25.25	ppb
Thorium	232-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.11	0.05	0.08	0.08	37.14	ppb
Titanium	47-1	0.08	0.17	0.23	0.16	45.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	360.20	ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	0.67	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01LX5	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-AL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-12 15:13:46	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	71.83	71.60	71.59	71.68	0.19	ppb
Zirconium	90-1	0.00	0.02	0.00	0.01	203.08	ppb
Zirconium	91-1	0.00	0.01	0.03	0.01	109.45	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01MS Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-AMS Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:17:23 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1923.21	1882.59	1947.84	1917.88	1.72	ppb
Antimony	121-1	785.50	785.30	785.58	785.46	0.02	ppb
Arsenic	75-1	787.27	790.17	795.35	790.93	0.52	ppb
Barium	135-1	225.53	226.17	227.11	226.27	0.35	ppb
Barium	137-1	223.32	222.29	223.62	223.08	0.31	ppb
Beryllium	9-1	195.29	196.31	193.42	195.01	0.75	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	297.36	302.83	313.20	304.46	2.64	ppb
Boron	11-1	295.70	305.88	308.61	303.39	2.24	ppb
Cadmium	111-1	201.61	202.00	202.95	202.19	0.34	ppb
Cadmium	106-1	157.49	160.00	159.45	158.98	0.83	ppb
Cadmium	108-1	175.84	178.03	183.11	178.99	2.08	ppb
Calcium	43-1	21023.55	21198.71	22137.75	21453.34	2.79	ppb
Calcium	44-1	21362.19	21447.82	22361.19	21723.73	2.55	ppb
Chromium	52-2	400.23	403.23	401.85	401.77	0.37	ppb
Cobalt	59-2	203.69	206.97	206.18	205.61	0.83	ppb
Copper	63-2	444.87	443.73	444.81	444.47	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	3279.12	3315.48	3298.65	3297.75	0.55	ppb
Iron	57-2	3405.92	3379.83	3371.72	3385.82	0.53	ppb
Krypton	83-1						cps
Lead	206-1	967.06	962.17	957.24	962.16	0.51	ppb
Lead	207-1	978.34	968.50	964.90	970.58	0.72	ppb
Lead	208-1	986.06	978.20	977.99	980.75	0.47	ppb
Lithium	6-1				110		%
Magnesium	24-2	9105.09	9145.17	9139.85	9130.04	0.24	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01MS Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-AMS Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:17:23 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	236.21	236.27	237.08	236.52	0.21	ppb
Molybdenum	94-1	257.78	260.75	257.86	258.80	0.65	ppb
Molybdenum	95-1	369.66	367.12	364.64	367.14	0.68	ppb
Molybdenum	96-1	353.58	355.81	351.01	353.47	0.68	ppb
Molybdenum	97-1	372.82	375.58	364.20	370.86	1.60	ppb
Molybdenum	98-1	366.27	369.33	364.62	366.74	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.58	515.33	520.23	516.05	0.75	ppb
Phosphorus	31-2	6738.73	6705.53	6977.20	6807.15	2.18	ppb
Potassium	39-2	11357.59	11466.28	11551.65	11458.51	0.85	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	2008.05	1901.77	2068.79	1992.87	4.24	ppb
Selenium	78-2	2014.60	1971.37	1988.10	1991.36	1.09	ppb
Selenium	82-1	2012.44	1966.52	1984.83	1987.93	1.16	ppb
Silicon	28-1	4385.84	4431.51	4572.19	4463.18	2.18	ppb
Silver	109-1	77.50	77.00	77.31	77.27	0.32	ppb
Silver	107-1	78.08	77.48	78.11	77.89	0.45	ppb
Sodium	23-2	46600.71	46520.23	46405.47	46508.80	0.21	ppb
Strontium	86-1	286.59	285.20	279.94	283.91	1.23	ppb
Strontium	88-1	275.01	274.43	271.80	273.75	0.62	ppb
Sulfur	34-1	1315.47	1182.97	1434.94	1311.12	9.61	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	1965.48	1970.43	1997.32	1977.74	0.87	ppb
Thallium	205-1	1951.16	1971.70	1969.25	1964.04	0.57	ppb
Thorium	232-1	0.00	-0.02	0.00	0.00		ppb
Tin	118-1	715.47	716.26	721.68	717.81	0.47	ppb
Titanium	47-1	201.06	196.49	206.22	201.26	2.42	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	298.80	300.49	298.46	299.25	0.36	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01MS	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:17:23	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	528.29	537.81	536.09	534.07	0.95	ppb
Zirconium	90-1	0.27	0.24	0.21	0.24	12.35	ppb
Zirconium	91-1	0.58	0.46	0.44	0.49	15.78	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01MSD Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-AMS Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:21:00 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1964.69	1941.45	1938.11	1948.08	0.74	ppb
Antimony	121-1	794.84	789.38	805.74	796.65	1.05	ppb
Arsenic	75-1	776.04	772.92	797.25	782.07	1.69	ppb
Barium	135-1	228.84	229.00	232.86	230.23	0.99	ppb
Barium	137-1	227.87	226.02	228.65	227.52	0.59	ppb
Beryllium	9-1	196.17	196.25	199.51	197.31	0.97	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	312.34	320.74	321.06	318.04	1.55	ppb
Boron	11-1	314.24	318.33	321.75	318.11	1.18	ppb
Cadmium	111-1	204.24	204.89	207.42	205.51	0.82	ppb
Cadmium	106-1	162.22	157.11	157.44	158.93	1.80	ppb
Cadmium	108-1	184.27	177.35	183.41	181.68	2.08	ppb
Calcium	43-1	21388.31	21207.28	21539.42	21378.34	0.78	ppb
Calcium	44-1	21579.03	21595.99	22102.48	21759.17	1.37	ppb
Chromium	52-2	406.76	406.00	404.20	405.65	0.32	ppb
Cobalt	59-2	207.73	207.95	207.69	207.79	0.07	ppb
Copper	63-2	445.98	448.17	446.57	446.91	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	3357.25	3330.74	3318.98	3335.66	0.59	ppb
Iron	57-2	3426.14	3413.85	3419.76	3419.92	0.18	ppb
Krypton	83-1						cps
Lead	206-1	971.01	966.47	987.19	974.89	1.12	ppb
Lead	207-1	974.24	968.62	990.95	977.94	1.19	ppb
Lead	208-1	989.56	984.55	1009.16	994.42	1.31	ppb
Lithium	6-1				110		%
Magnesium	24-2	9269.76	9272.34	9127.70	9223.27	0.90	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01MSD Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-AMS Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:21:00 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	237.31	238.68	240.32	238.77	0.63	ppb
Molybdenum	94-1	260.48	257.53	265.12	261.04	1.47	ppb
Molybdenum	95-1	366.37	367.64	377.99	370.66	1.72	ppb
Molybdenum	96-1	355.76	353.67	364.32	357.91	1.58	ppb
Molybdenum	97-1	372.45	373.54	379.19	375.06	0.96	ppb
Molybdenum	98-1	370.45	366.97	374.07	370.50	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.79	519.25	520.01	519.02	0.22	ppb
Phosphorus	31-2	6890.32	6958.36	6935.36	6928.01	0.50	ppb
Potassium	39-2	11662.26	11494.55	11668.22	11608.34	0.85	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	1995.00	1976.62	1951.27	1974.30	1.11	ppb
Selenium	78-2	2000.53	2011.35	2027.95	2013.27	0.69	ppb
Selenium	82-1	1991.76	1974.28	2018.48	1994.84	1.12	ppb
Silicon	28-1	4429.30	4413.85	4491.05	4444.73	0.92	ppb
Silver	109-1	78.17	77.77	79.10	78.35	0.87	ppb
Silver	107-1	78.90	78.68	79.97	79.18	0.87	ppb
Sodium	23-2	47133.74	46751.91	46538.57	46808.07	0.64	ppb
Strontium	86-1	283.11	286.64	288.25	286.00	0.92	ppb
Strontium	88-1	287.75	287.74	294.54	290.01	1.35	ppb
Sulfur	34-1	915.82	872.04	991.19	926.35	6.51	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	1980.26	1994.62	2012.67	1995.85	0.81	ppb
Thallium	205-1	1970.89	1991.08	2002.64	1988.20	0.81	ppb
Thorium	232-1	-0.02	-0.01	0.00	-0.01		ppb
Tin	118-1	726.86	724.43	734.64	728.64	0.73	ppb
Titanium	47-1	200.21	200.89	201.88	200.99	0.42	ppb
Uranium	238-1	-0.01	0.00	-0.02	-0.01		ppb
Vanadium	51-2	304.70	303.77	301.21	303.23	0.60	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01MSD	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:21:00	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	542.11	539.04	543.16	541.44	0.40	ppb
Zirconium	90-1	0.13	0.13	0.16	0.14	14.54	ppb
Zirconium	91-1	0.40	0.37	0.44	0.40	7.58	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01A Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-AA Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:24:37 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1941.96	1902.61	1949.96	1931.51	1.31	ppb
Antimony	121-1	789.92	795.67	801.95	795.85	0.76	ppb
Arsenic	75-1	779.93	785.13	781.34	782.14	0.34	ppb
Barium	135-1	229.62	231.96	227.53	229.70	0.96	ppb
Barium	137-1	226.77	224.42	225.80	225.66	0.52	ppb
Beryllium	9-1	198.13	198.85	201.39	199.46	0.86	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	315.09	333.08	330.53	326.23	2.98	ppb
Boron	11-1	321.84	327.62	329.30	326.25	1.20	ppb
Cadmium	111-1	205.55	208.34	207.36	207.08	0.68	ppb
Cadmium	106-1	167.63	161.56	168.09	165.76	2.20	ppb
Cadmium	108-1	182.80	177.55	184.83	181.73	2.07	ppb
Calcium	43-1	21669.43	21145.53	21053.13	21289.36	1.56	ppb
Calcium	44-1	22160.52	21718.89	21641.26	21840.22	1.28	ppb
Chromium	52-2	401.86	402.93	402.10	402.30	0.14	ppb
Cobalt	59-2	206.72	206.31	206.13	206.38	0.15	ppb
Copper	63-2	443.48	441.84	442.68	442.66	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	3313.03	3302.85	3285.36	3300.41	0.42	ppb
Iron	57-2	3370.71	3403.53	3378.64	3384.29	0.51	ppb
Krypton	83-1						cps
Lead	206-1	968.67	1004.43	962.90	978.67	2.30	ppb
Lead	207-1	966.39	1002.98	961.30	976.89	2.33	ppb
Lead	208-1	981.17	1018.92	981.58	993.89	2.18	ppb
Lithium	6-1				107		%
Magnesium	24-2	9080.36	9021.38	9107.65	9069.80	0.49	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01A Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-AA Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:24:37 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	237.00	234.35	236.29	235.88	0.58	ppb
Molybdenum	94-1	258.81	254.54	260.04	257.80	1.12	ppb
Molybdenum	95-1	369.74	367.08	369.21	368.68	0.38	ppb
Molybdenum	96-1	353.28	351.11	352.59	352.33	0.32	ppb
Molybdenum	97-1	370.20	369.69	375.17	371.68	0.81	ppb
Molybdenum	98-1	366.26	365.02	368.42	366.56	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.65	516.77	515.34	516.92	0.32	ppb
Phosphorus	31-2	6636.84	6797.77	7103.94	6846.19	3.47	ppb
Potassium	39-2	11535.58	11510.88	11650.90	11565.79	0.65	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	2059.09	2011.81	2008.88	2026.59	1.39	ppb
Selenium	78-2	2027.69	2025.72	2005.92	2019.78	0.60	ppb
Selenium	82-1	1985.92	1956.72	1972.57	1971.74	0.74	ppb
Silicon	28-1	4550.35	4430.96	4485.15	4488.82	1.33	ppb
Silver	109-1	78.95	78.52	78.37	78.61	0.38	ppb
Silver	107-1	79.03	79.09	78.41	78.84	0.47	ppb
Sodium	23-2	46475.50	45666.13	46283.00	46141.54	0.92	ppb
Strontium	86-1	285.10	284.40	282.06	283.86	0.56	ppb
Strontium	88-1	275.06	289.65	290.01	284.91	2.99	ppb
Sulfur	34-1	1680.21	1521.68	1603.16	1601.68	4.95	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	1966.15	2048.32	1987.81	2000.76	2.13	ppb
Thallium	205-1	1970.26	2059.80	1974.44	2001.50	2.52	ppb
Thorium	232-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	720.32	720.27	723.82	721.47	0.28	ppb
Titanium	47-1	209.46	203.70	199.97	204.37	2.34	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	173.04	ppb
Vanadium	51-2	300.44	299.45	301.01	300.30	0.26	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01A	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-AA	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:24:37	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	534.85	530.13	540.41	535.13	0.96	ppb
Zirconium	90-1	0.09	0.12	0.11	0.11	13.05	ppb
Zirconium	91-1	0.35	0.35	0.39	0.36	5.87	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-03 Instrumnet Name : P7
 Client Sample ID : 1ST-FL-WATER-FOUNT/ Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:28:14 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.99	16.72	16.61	17.10	4.48	ppb
Antimony	121-1	0.92	0.93	0.83	0.89	6.17	ppb
Arsenic	75-1	1.10	0.96	0.64	0.90	26.39	ppb
Barium	135-1	25.29	24.50	24.90	24.89	1.58	ppb
Barium	137-1	25.10	24.74	25.34	25.06	1.19	ppb
Beryllium	9-1	0.10	0.11	0.09	0.10	14.50	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	46.55	42.24	43.02	43.94	5.23	ppb
Boron	11-1	43.17	43.28	41.74	42.73	2.01	ppb
Cadmium	111-1	-0.08	-0.06	-0.03	-0.06		ppb
Cadmium	106-1	-2.50	-2.50	-1.75	-2.25		ppb
Cadmium	108-1	0.67	0.44	0.39	0.50	29.44	ppb
Calcium	43-1	20396.76	19933.10	20153.57	20161.15	1.15	ppb
Calcium	44-1	20537.45	20403.39	20513.69	20484.84	0.35	ppb
Chromium	52-2	0.45	0.41	0.38	0.41	8.99	ppb
Cobalt	59-2	0.06	0.07	0.07	0.07	12.45	ppb
Copper	63-2	87.03	87.18	86.60	86.94	0.34	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				109		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	141.95	142.74	143.68	142.79	0.61	ppb
Iron	57-2	193.32	200.43	200.17	197.97	2.04	ppb
Krypton	83-1						cps
Lead	206-1	0.76	0.57	0.55	0.63	18.35	ppb
Lead	207-1	0.71	0.60	0.61	0.64	8.92	ppb
Lead	208-1	0.69	0.60	0.58	0.62	9.74	ppb
Lithium	6-1				103		%
Magnesium	24-2	7033.10	7018.20	7023.39	7024.89	0.11	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-03	Instrumnet Name :	P7
Client Sample ID :	1ST-FL-WATER-FOUNT/	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:28:14	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	39.69	40.79	40.56	40.35	1.44	ppb
Molybdenum	94-1	0.39	0.39	0.41	0.40	2.04	ppb
Molybdenum	95-1	0.54	0.51	0.52	0.52	3.19	ppb
Molybdenum	96-1	0.51	0.52	0.46	0.49	6.19	ppb
Molybdenum	97-1	0.53	0.52	0.40	0.49	14.84	ppb
Molybdenum	98-1	0.56	0.45	0.49	0.50	10.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.67	1.94	1.86	1.83	7.80	ppb
Phosphorus	31-2	693.05	792.76	856.01	780.61	10.52	ppb
Potassium	39-2	1373.57	1358.54	1382.14	1371.42	0.87	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	0.82	0.81	0.81	0.81	0.77	ppb
Selenium	78-2	0.41	-0.42	-0.83	-0.28		ppb
Selenium	82-1	1.33	1.26	0.84	1.14	23.10	ppb
Silicon	28-1	3578.44	3583.61	3615.43	3592.49	0.56	ppb
Silver	109-1	0.05	0.03	0.05	0.04	25.74	ppb
Silver	107-1	0.04	0.05	0.03	0.04	23.79	ppb
Sodium	23-2	43534.78	43583.39	43180.91	43433.03	0.51	ppb
Strontium	86-1	87.61	84.28	86.32	86.07	1.95	ppb
Strontium	88-1	85.09	84.86	85.06	85.00	0.15	ppb
Sulfur	34-1	2098.28	1980.90	2002.08	2027.09	3.09	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	1.06	0.92	0.77	0.91	15.86	ppb
Thallium	205-1	1.03	0.94	0.78	0.92	13.97	ppb
Thorium	232-1	0.00	-0.01	0.00	-0.01		ppb
Tin	118-1	0.75	0.73	0.59	0.69	12.91	ppb
Titanium	47-1	0.81	0.74	0.77	0.77	4.21	ppb
Uranium	238-1	0.00	0.02	0.02	0.01	64.15	ppb
Vanadium	51-2	0.27	0.29	0.31	0.29	6.58	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-03	Instrumnet Name :	P7
Client Sample ID :	1ST-FL-WATER-FOUNT/	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:28:14	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	311.32	314.40	318.23	314.65	1.10	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	34.21	ppb
Zirconium	91-1	0.03	0.00	-0.01	0.01	297.58	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P7
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:31:49	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51011.49	49483.51	50492.92	50329.31	1.54	ppb
Antimony	121-1	486.87	494.46	480.10	487.14	1.47	ppb
Arsenic	75-1	474.17	491.68	484.47	483.44	1.82	ppb
Barium	135-1	2403.67	2459.91	2396.80	2420.13	1.43	ppb
Barium	137-1	2500.90	2557.94	2510.33	2523.06	1.21	ppb
Beryllium	9-1	514.38	529.07	511.75	518.40	1.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	489.00	518.24	502.73	503.33	2.91	ppb
Boron	11-1	499.26	519.07	517.90	512.08	2.17	ppb
Cadmium	111-1	487.04	490.07	481.30	486.14	0.92	ppb
Cadmium	106-1	502.42	503.74	496.88	501.01	0.73	ppb
Cadmium	108-1	496.95	497.94	494.73	496.54	0.33	ppb
Calcium	43-1	243854.35	251437.82	245449.81	246913.99	1.62	ppb
Calcium	44-1	242777.05	252122.09	244450.60	246449.91	2.02	ppb
Chromium	52-2	494.54	489.27	494.72	492.84	0.63	ppb
Cobalt	59-2	492.96	478.53	482.52	484.67	1.54	ppb
Copper	63-2	946.29	923.52	939.92	936.58	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	126902.55	123489.59	125320.02	125237.39	1.36	ppb
Iron	57-2	122132.25	119221.01	120076.59	120476.62	1.24	ppb
Krypton	83-1						cps
Lead	206-1	514.39	525.78	512.61	517.59	1.38	ppb
Lead	207-1	512.81	523.54	513.58	516.64	1.16	ppb
Lead	208-1	500.64	511.76	501.91	504.77	1.21	ppb
Lithium	6-1				106		%
Magnesium	24-2	250479.92	242341.52	245538.14	246119.86	1.67	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P7
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:31:49	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	981.57	958.67	972.02	970.75	1.19	ppb
Molybdenum	94-1	2492.74	2560.58	2518.57	2523.96	1.36	ppb
Molybdenum	95-1	2501.11	2562.15	2511.71	2524.99	1.29	ppb
Molybdenum	96-1	2507.88	2560.36	2508.69	2525.64	1.19	ppb
Molybdenum	97-1	2395.66	2426.16	2380.68	2400.83	0.97	ppb
Molybdenum	98-1	2488.83	2535.54	2487.66	2504.01	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.06	474.05	481.02	479.38	0.99	ppb
Phosphorus	31-2	10042.46	9823.08	10106.80	9990.78	1.49	ppb
Potassium	39-2	128372.61	125468.01	126978.65	126939.76	1.14	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	499.55	456.02	486.16	480.58	4.64	ppb
Selenium	78-2	485.20	462.13	478.44	475.26	2.50	ppb
Selenium	82-1	474.93	480.43	473.03	476.13	0.81	ppb
Silicon	28-1	506.33	534.32	519.58	520.08	2.69	ppb
Silver	109-1	467.79	477.30	466.72	470.60	1.24	ppb
Silver	107-1	465.35	475.96	466.75	469.36	1.23	ppb
Sodium	23-2	253786.21	246612.55	249310.69	249903.15	1.45	ppb
Strontium	86-1	492.01	503.30	493.50	496.27	1.24	ppb
Strontium	88-1	496.75	512.93	504.63	504.77	1.60	ppb
Sulfur	34-1	9718.16	10534.58	9680.43	9977.72	4.84	ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	490.63	504.11	495.04	496.59	1.38	ppb
Thallium	205-1	513.38	527.82	515.11	518.77	1.52	ppb
Thorium	232-1	523.19	539.62	531.75	531.52	1.55	ppb
Tin	118-1	499.87	509.56	498.30	502.58	1.21	ppb
Titanium	47-1	2396.81	2477.94	2410.53	2428.42	1.79	ppb
Uranium	238-1	525.19	534.91	529.63	529.91	0.92	ppb
Vanadium	51-2	497.52	489.60	495.53	494.22	0.83	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P7
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:31:49	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	915.48	894.46	910.76	906.90	1.22	ppb
Zirconium	90-1	505.73	516.08	508.54	510.12	1.05	ppb
Zirconium	91-1	497.19	504.46	492.85	498.17	1.18	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CCB35 Instrumnet Name : P7
 Client Sample ID : CCB35 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:35:27 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.30	10.82	8.86	9.99	10.19	ppb
Antimony	121-1	0.79	0.71	0.77	0.76	5.79	ppb
Arsenic	75-1	0.44	0.31	0.24	0.33	31.51	ppb
Barium	135-1	0.77	0.83	0.65	0.75	11.82	ppb
Barium	137-1	0.94	0.77	0.61	0.77	21.23	ppb
Beryllium	9-1	0.28	0.20	0.20	0.23	21.31	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Boron	10-1	24.76	22.97	22.76	23.49	4.69	ppb
Boron	11-1	26.27	24.85	23.46	24.86	5.65	ppb
Cadmium	111-1	0.17	0.20	0.10	0.16	29.81	ppb
Cadmium	106-1	-0.86	0.65	-0.32	-0.18		ppb
Cadmium	108-1	0.25	0.34	0.25	0.28	18.64	ppb
Calcium	43-1	82.48	70.16	49.90	67.51	24.37	ppb
Calcium	44-1	84.46	70.93	62.64	72.68	15.15	ppb
Chromium	52-2	0.07	0.08	0.03	0.06	41.92	ppb
Cobalt	59-2	0.09	0.09	0.08	0.09	9.88	ppb
Copper	63-2	0.29	0.26	0.23	0.26	10.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	25.23	25.18	23.83	24.74	3.21	ppb
Iron	57-2	23.56	21.81	29.47	24.95	16.08	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.15	0.13	0.15	14.83	ppb
Lead	207-1	0.20	0.17	0.13	0.17	20.60	ppb
Lead	208-1	0.20	0.18	0.14	0.17	17.38	ppb
Lithium	6-1				109		%
Magnesium	24-2	42.41	42.14	43.17	42.57	1.26	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P7
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:35:27	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.17	0.13	0.14	21.25	ppb
Molybdenum	94-1	1.32	1.03	0.98	1.11	16.69	ppb
Molybdenum	95-1	1.46	1.17	1.03	1.22	18.08	ppb
Molybdenum	96-1	1.32	1.10	1.04	1.16	12.48	ppb
Molybdenum	97-1	1.59	1.19	1.06	1.28	21.57	ppb
Molybdenum	98-1	1.30	1.07	1.00	1.13	14.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	-0.04	-0.01		ppb
Phosphorus	31-2	-18.81	-35.38	-32.01	-28.73		ppb
Potassium	39-2	21.79	17.95	17.03	18.92	13.35	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.48	-0.20	0.30	-0.13		ppb
Selenium	82-1	0.12	0.36	0.08	0.19	81.67	ppb
Silicon	28-1	-0.54	-0.89	-2.05	-1.16		ppb
Silver	109-1	0.23	0.17	0.19	0.20	14.30	ppb
Silver	107-1	0.20	0.17	0.17	0.18	10.37	ppb
Sodium	23-2	65.35	62.73	63.09	63.72	2.22	ppb
Strontium	86-1	0.10	0.09	0.04	0.08	42.57	ppb
Strontium	88-1	0.19	0.14	0.13	0.15	19.13	ppb
Sulfur	34-1	-1089.57	-1077.43	-1041.10	-1069.37		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.33	0.29	0.25	0.29	13.66	ppb
Thallium	205-1	0.32	0.32	0.23	0.29	17.95	ppb
Thorium	232-1	0.22	0.19	0.18	0.20	10.50	ppb
Tin	118-1	0.51	0.48	0.43	0.47	7.59	ppb
Titanium	47-1	1.19	0.90	0.67	0.92	28.24	ppb
Uranium	238-1	0.15	0.12	0.10	0.12	23.42	ppb
Vanadium	51-2	0.08	0.06	0.07	0.07	16.12	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P7
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:35:27	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	0.14	0.41	0.20	94.26	ppb
Zirconium	90-1	0.22	0.20	0.16	0.19	16.93	ppb
Zirconium	91-1	0.26	0.23	0.18	0.22	17.57	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-05 Instrumnet Name : P7
 Client Sample ID : GIRLS-BATHROOM-A Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:39:03 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.85	20.26	18.64	19.58	4.32	ppb
Antimony	121-1	0.30	0.33	0.28	0.30	7.76	ppb
Arsenic	75-1	0.64	0.78	0.60	0.67	14.35	ppb
Barium	135-1	25.37	25.49	24.45	25.10	2.28	ppb
Barium	137-1	24.55	24.09	24.11	24.25	1.09	ppb
Beryllium	9-1	0.02	0.06	0.04	0.04	45.58	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	29.77	29.43	29.95	29.71	0.88	ppb
Boron	11-1	29.08	29.71	29.50	29.43	1.09	ppb
Cadmium	111-1	-0.12	-0.02	-0.28	-0.14		ppb
Cadmium	106-1	-2.63	-0.82	-4.79	-2.75		ppb
Cadmium	108-1	0.21	0.17	0.26	0.21	22.56	ppb
Calcium	43-1	20021.40	20008.36	20109.42	20046.39	0.27	ppb
Calcium	44-1	20522.62	20459.20	20584.99	20522.27	0.31	ppb
Chromium	52-2	0.30	0.36	0.32	0.33	8.80	ppb
Cobalt	59-2	0.03	0.05	0.05	0.05	25.60	ppb
Copper	63-2	123.12	122.70	122.53	122.78	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	166.02	165.18	166.65	165.95	0.44	ppb
Iron	57-2	218.65	220.90	211.14	216.90	2.36	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.18	0.16	0.20	30.73	ppb
Lead	207-1	0.26	0.20	0.22	0.23	11.93	ppb
Lead	208-1	0.23	0.19	0.19	0.20	11.50	ppb
Lithium	6-1				106		%
Magnesium	24-2	7125.80	7103.57	7160.50	7129.96	0.40	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-05	Instrumnet Name :	P7
Client Sample ID :	GIRLS-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:39:03	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	42.20	42.62	42.63	42.48	0.57	ppb
Molybdenum	94-1	0.56	0.42	0.48	0.49	13.58	ppb
Molybdenum	95-1	0.63	0.51	0.45	0.53	17.17	ppb
Molybdenum	96-1	0.64	0.51	0.51	0.55	13.02	ppb
Molybdenum	97-1	0.53	0.60	0.48	0.54	11.21	ppb
Molybdenum	98-1	0.48	0.43	0.45	0.46	5.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.84	0.78	0.88	14.09	ppb
Phosphorus	31-2	924.71	795.34	882.80	867.62	7.61	ppb
Potassium	39-2	1400.98	1387.28	1410.27	1399.51	0.83	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.19	-0.26	0.50	0.14	263.34	ppb
Selenium	82-1	0.37	0.26	0.00	0.21	88.58	ppb
Silicon	28-1	3609.15	3633.43	3598.70	3613.76	0.49	ppb
Silver	109-1	0.04	0.03	0.03	0.03	27.18	ppb
Silver	107-1	0.05	0.03	0.02	0.04	42.39	ppb
Sodium	23-2	44034.26	43582.51	43922.01	43846.26	0.54	ppb
Strontium	86-1	87.76	85.92	86.60	86.76	1.07	ppb
Strontium	88-1	85.25	84.45	84.75	84.82	0.47	ppb
Sulfur	34-1	2224.15	1969.76	1882.38	2025.43	8.77	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.10	0.07	0.09	17.77	ppb
Thallium	205-1	0.12	0.09	0.10	0.10	12.35	ppb
Thorium	232-1	0.04	0.04	0.02	0.03	38.87	ppb
Tin	118-1	0.25	0.37	0.26	0.29	22.74	ppb
Titanium	47-1	0.67	0.97	0.67	0.77	22.41	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	32.36	ppb
Vanadium	51-2	0.28	0.24	0.22	0.25	12.50	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-05	Instrumnet Name :	P7
Client Sample ID :	GIRLS-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:39:03	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	58.77	59.01	58.76	58.85	0.24	ppb
Zirconium	90-1	0.07	0.10	0.05	0.07	37.66	ppb
Zirconium	91-1	0.12	0.11	0.05	0.09	36.86	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-07 Instrumnet Name : P7
 Client Sample ID : 2ND-FL-WATER-FOUNT Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:42:39 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.04	14.36	16.12	15.51	6.41	ppb
Antimony	121-1	0.23	0.27	0.25	0.25	7.17	ppb
Arsenic	75-1	0.56	0.57	0.71	0.61	14.35	ppb
Barium	135-1	25.89	24.38	24.79	25.02	3.12	ppb
Barium	137-1	24.70	24.18	24.83	24.57	1.38	ppb
Beryllium	9-1	0.05	0.01	0.02	0.02	97.20	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	24.00	26.14	26.41	25.52	5.17	ppb
Boron	11-1	25.22	24.00	24.23	24.48	2.64	ppb
Cadmium	111-1	-0.37	-0.09	-0.19	-0.22		ppb
Cadmium	106-1	-5.32	-1.43	-2.62	-3.12		ppb
Cadmium	108-1	0.50	0.58	0.45	0.51	13.61	ppb
Calcium	43-1	19853.58	19618.25	19708.26	19726.70	0.60	ppb
Calcium	44-1	20157.84	20133.10	20256.72	20182.55	0.32	ppb
Chromium	52-2	0.39	0.36	0.32	0.36	9.49	ppb
Cobalt	59-2	0.07	0.07	0.07	0.07	4.85	ppb
Copper	63-2	129.44	128.92	129.68	129.35	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	136.48	134.17	137.14	135.93	1.15	ppb
Iron	57-2	190.57	200.06	187.15	192.59	3.47	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.38	0.31	0.34	10.20	ppb
Lead	207-1	0.27	0.30	0.34	0.31	11.34	ppb
Lead	208-1	0.31	0.32	0.31	0.32	1.49	ppb
Lithium	6-1				106		%
Magnesium	24-2	7006.49	6937.31	7021.13	6988.31	0.64	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-07	Instrumnet Name :	P7
Client Sample ID :	2ND-FL-WATER-FOUNT.	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:42:39	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	38.64	37.93	38.64	38.40	1.07	ppb
Molybdenum	94-1	0.33	0.39	0.36	0.36	8.23	ppb
Molybdenum	95-1	0.37	0.43	0.41	0.40	6.51	ppb
Molybdenum	96-1	0.36	0.41	0.43	0.40	9.79	ppb
Molybdenum	97-1	0.34	0.36	0.29	0.33	10.25	ppb
Molybdenum	98-1	0.42	0.41	0.41	0.41	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.63	18.36	19.27	19.09	3.42	ppb
Phosphorus	31-2	687.47	818.01	751.06	752.18	8.68	ppb
Potassium	39-2	1386.50	1374.24	1388.87	1383.20	0.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.66	-0.13	1.32	0.17	588.09	ppb
Selenium	82-1	0.61	0.88	0.15	0.55	68.03	ppb
Silicon	28-1	3563.34	3558.35	3569.55	3563.75	0.16	ppb
Silver	109-1	0.01	0.02	0.01	0.01	49.78	ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.77	ppb
Sodium	23-2	43678.72	43101.20	43531.08	43437.00	0.69	ppb
Strontium	86-1	85.04	83.81	85.20	84.68	0.90	ppb
Strontium	88-1	84.27	84.32	83.90	84.16	0.28	ppb
Sulfur	34-1	1914.12	1890.25	1647.52	1817.30	8.12	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.09	0.08	0.08	9.02	ppb
Thallium	205-1	0.07	0.07	0.09	0.08	12.08	ppb
Thorium	232-1	0.01	0.00	0.00	0.00	2081.09	ppb
Tin	118-1	0.19	0.18	0.18	0.18	2.73	ppb
Titanium	47-1	0.78	0.78	0.62	0.73	12.49	ppb
Uranium	238-1	0.02	0.04	0.02	0.02	49.98	ppb
Vanadium	51-2	0.25	0.25	0.21	0.24	10.48	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-07	Instrumnet Name :	P7
Client Sample ID :	2ND-FL-WATER-FOUNT,	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:42:39	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	714.26	699.93	717.06	710.42	1.29	ppb
Zirconium	90-1	0.03	0.05	0.05	0.04	17.73	ppb
Zirconium	91-1	0.03	0.03	0.06	0.04	55.88	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-01	Instrumnet Name :	P7
Client Sample ID :	390805039	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:49:51	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90.13	93.17	91.45	91.58	1.66	ppb
Antimony	121-1	3.54	3.39	3.51	3.48	2.25	ppb
Arsenic	75-1	11.27	10.79	10.60	10.89	3.21	ppb
Barium	135-1	2.00	2.13	2.10	2.08	3.38	ppb
Barium	137-1	2.00	2.16	1.70	1.95	12.13	ppb
Beryllium	9-1	0.00	0.04	-0.01	0.01	347.48	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	6699.54	6834.40	6942.79	6825.58	1.79	ppb
Boron	11-1	7126.24	7237.05	7384.06	7249.11	1.78	ppb
Cadmium	111-1	-0.03	-0.42	-0.44	-0.30		ppb
Cadmium	106-1	-0.44	-5.67	-5.62	-3.91		ppb
Cadmium	108-1	0.47	0.52	0.61	0.53	13.20	ppb
Calcium	43-1	11073.97	11188.76	10960.73	11074.48	1.03	ppb
Calcium	44-1	10961.17	10911.44	10797.59	10890.07	0.77	ppb
Chromium	52-2	104.10	104.52	104.59	104.40	0.25	ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	44.63	ppb
Copper	63-2	3.26	3.37	3.32	3.32	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				103		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	9.77	10.39	10.83	10.33	5.16	ppb
Iron	57-2	42.42	40.66	46.78	43.29	7.28	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.83	0.84	0.84	1.69	ppb
Lead	207-1	0.79	0.84	0.85	0.82	3.88	ppb
Lead	208-1	0.86	0.83	0.85	0.85	1.63	ppb
Lithium	6-1				99		%
Magnesium	24-2	4243.09	4266.82	4192.27	4234.06	0.90	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-01	Instrumnet Name :	P7
Client Sample ID :	390805039	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:49:51	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.28	1.14	1.14	1.19	7.01	ppb
Molybdenum	94-1	39.31	38.60	38.20	38.70	1.45	ppb
Molybdenum	95-1	55.99	55.70	54.45	55.38	1.49	ppb
Molybdenum	96-1	53.12	52.70	53.27	53.03	0.56	ppb
Molybdenum	97-1	55.42	56.16	53.96	55.18	2.03	ppb
Molybdenum	98-1	55.33	55.35	54.77	55.15	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.45	3.20	3.39	3.35	3.88	ppb
Phosphorus	31-2	13939.21	14742.14	14292.44	14324.60	2.81	ppb
Potassium	39-2	825267.88	832020.25	820618.49	825968.87	0.69	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	77-2	0.87	0.00	0.00	0.29	173.21	ppb
Selenium	78-2	0.17	-0.13	1.13	0.39	168.94	ppb
Selenium	82-1	0.89	0.74	0.71	0.78	12.41	ppb
Silicon	28-1	26304.27	26501.89	26591.10	26465.75	0.55	ppb
Silver	109-1	0.18	0.15	0.14	0.16	13.80	ppb
Silver	107-1	0.16	0.14	0.14	0.15	8.95	ppb
Sodium	23-2	76587.75	76687.51	75909.04	76394.77	0.55	ppb
Strontium	86-1	77.05	77.68	77.87	77.53	0.56	ppb
Strontium	88-1	76.91	76.74	76.44	76.70	0.31	ppb
Sulfur	34-1	3248.37	2919.21	2795.48	2987.69	7.83	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.05	0.11	0.07	38.80	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	3.40	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	13.02	ppb
Tin	118-1	0.15	0.13	0.19	0.16	18.99	ppb
Titanium	47-1	8.43	8.46	8.56	8.48	0.79	ppb
Uranium	238-1	1.72	1.64	1.58	1.65	4.39	ppb
Vanadium	51-2	684.47	689.30	678.66	684.14	0.78	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-01	Instrumnet Name :	P7
Client Sample ID :	390805039	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:49:51	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.37	4.15	4.11	4.21	3.28	ppb
Zirconium	90-1	0.23	0.18	0.17	0.19	16.66	ppb
Zirconium	91-1	0.27	0.23	0.29	0.26	12.52	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-02	Instrumnet Name :	P7
Client Sample ID :	390805030	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:53:28	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.32	27.66	21.70	26.23	15.28	ppb
Antimony	121-1	7.63	7.57	7.56	7.59	0.48	ppb
Arsenic	75-1	12.32	12.38	12.63	12.44	1.31	ppb
Barium	135-1	22.04	22.05	22.24	22.11	0.50	ppb
Barium	137-1	22.06	21.68	21.57	21.77	1.19	ppb
Beryllium	9-1	0.00	0.01	0.01	0.00	153.26	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	7873.93	7978.10	8011.74	7954.59	0.90	ppb
Boron	11-1	8417.01	8555.55	8618.09	8530.22	1.21	ppb
Cadmium	111-1	-0.10	-0.06	-0.11	-0.09		ppb
Cadmium	106-1	-1.81	-1.58	-2.27	-1.89		ppb
Cadmium	108-1	0.65	0.26	0.35	0.42	48.18	ppb
Calcium	43-1	81341.68	80444.58	80334.24	80706.83	0.68	ppb
Calcium	44-1	83610.48	82872.27	83970.01	83484.25	0.67	ppb
Chromium	52-2	95.03	95.28	94.47	94.93	0.44	ppb
Cobalt	59-2	0.06	0.05	0.03	0.04	34.19	ppb
Copper	63-2	2.11	2.13	2.08	2.10	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	10.19	11.07	10.92	10.72	4.39	ppb
Iron	57-2	278.03	266.51	275.92	273.49	2.24	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.18	0.22	0.19	12.10	ppb
Lead	207-1	0.18	0.17	0.15	0.17	10.78	ppb
Lead	208-1	0.17	0.16	0.17	0.16	2.82	ppb
Lithium	6-1				104		%
Magnesium	24-2	3449.26	3474.11	3486.48	3469.95	0.55	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-02	Instrumnet Name :	P7
Client Sample ID :	390805030	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:53:28	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.30	1.40	1.30	1.34	4.23	ppb
Molybdenum	94-1	51.25	50.89	50.66	50.93	0.58	ppb
Molybdenum	95-1	72.60	70.71	71.70	71.67	1.32	ppb
Molybdenum	96-1	70.53	69.00	69.53	69.69	1.12	ppb
Molybdenum	97-1	74.46	72.34	72.81	73.20	1.52	ppb
Molybdenum	98-1	72.45	72.12	72.32	72.29	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.52	2.40	2.33	2.42	4.12	ppb
Phosphorus	31-2	10607.67	10861.49	10660.97	10710.04	1.25	ppb
Potassium	39-2	207221.09	206696.52	206184.21	206700.61	0.25	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.80	0.80	0.53	86.60	ppb
Selenium	78-2	1.29	0.60	0.74	0.88	41.19	ppb
Selenium	82-1	0.64	0.33	1.30	0.76	65.36	ppb
Silicon	28-1	24893.67	24818.49	25026.14	24912.76	0.42	ppb
Silver	109-1	0.09	0.09	0.10	0.09	6.16	ppb
Silver	107-1	0.09	0.09	0.07	0.08	15.75	ppb
Sodium	23-2	77452.17	76572.17	76753.81	76926.05	0.60	ppb
Strontium	86-1	594.17	584.39	595.23	591.26	1.01	ppb
Strontium	88-1	609.42	608.28	613.24	610.32	0.43	ppb
Sulfur	34-1	12556.16	12613.42	12490.93	12553.51	0.49	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.00	0.07	0.04	93.65	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	19.91	ppb
Thorium	232-1	0.01	0.00	0.00	0.00	95.77	ppb
Tin	118-1	0.10	0.08	0.10	0.09	9.88	ppb
Titanium	47-1	6.04	5.75	6.34	6.04	4.92	ppb
Uranium	238-1	0.46	0.46	0.47	0.46	0.87	ppb
Vanadium	51-2	609.80	607.00	609.64	608.81	0.26	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-02	Instrumnet Name :	P7
Client Sample ID :	390805030	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:53:28	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.98	4.05	4.51	4.18	6.89	ppb
Zirconium	90-1	0.11	0.08	0.09	0.09	18.38	ppb
Zirconium	91-1	0.14	0.14	0.09	0.12	25.78	ppb

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4300-03 Instrumnet Name : P7
 Client Sample ID : 390805050 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:57:06 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12966.56	12864.91	12487.77	12773.08	1.97	ppb
Antimony	121-1	0.48	0.63	0.55	0.55	12.99	ppb
Arsenic	75-1	0.80	1.08	0.76	0.88	20.07	ppb
Barium	135-1	39.28	38.32	38.61	38.74	1.26	ppb
Barium	137-1	38.57	38.69	38.33	38.53	0.48	ppb
Beryllium	9-1	-0.02	0.00	0.00	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	502.94	465.22	451.46	473.21	5.63	ppb
Boron	11-1	524.45	487.27	459.84	490.52	6.61	ppb
Cadmium	111-1	0.43	0.41	0.19	0.34	39.30	ppb
Cadmium	106-1	-2.22	-0.71	-3.77	-2.24		ppb
Cadmium	108-1	0.91	1.11	1.39	1.14	21.21	ppb
Calcium	43-1	19715.56	19397.20	20519.71	19877.49	2.91	ppb
Calcium	44-1	19870.63	19902.59	20776.38	20183.20	2.55	ppb
Chromium	52-2	2.18	2.32	2.29	2.26	3.13	ppb
Cobalt	59-2	0.52	0.63	0.55	0.57	10.19	ppb
Copper	63-2	4346.69	4301.88	4190.41	4279.66	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				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	857.19	852.33	826.99	845.50	1.92	ppb
Iron	57-2	914.31	907.42	869.55	897.09	2.69	ppb
Krypton	83-1						cps
Lead	206-1	59.54	58.65	59.17	59.12	0.76	ppb
Lead	207-1	59.37	57.75	57.62	58.25	1.67	ppb
Lead	208-1	58.02	57.13	57.48	57.54	0.78	ppb
Lithium	6-1				101		%
Magnesium	24-2	6669.29	6619.09	6438.58	6575.65	1.85	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-03	Instrumnet Name :	P7
Client Sample ID :	390805050	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:57:06	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	238.81	236.41	231.30	235.51	1.63	ppb
Molybdenum	94-1	0.85	0.90	0.80	0.85	5.94	ppb
Molybdenum	95-1	0.50	0.43	0.44	0.46	7.84	ppb
Molybdenum	96-1	0.44	0.51	0.54	0.50	10.29	ppb
Molybdenum	97-1	0.54	0.50	0.51	0.52	3.87	ppb
Molybdenum	98-1	0.44	0.45	0.39	0.43	7.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.69	8.85	8.34	8.63	3.01	ppb
Phosphorus	31-2	2020.58	2253.02	2054.12	2109.24	5.96	ppb
Potassium	39-2	1455.50	1419.28	1378.61	1417.80	2.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.65	-0.24	0.11	-0.26		ppb
Selenium	82-1	0.12	0.27	0.03	0.14	85.06	ppb
Silicon	28-1	4608.25	4551.36	4801.83	4653.81	2.82	ppb
Silver	109-1	0.16	0.13	0.11	0.13	16.48	ppb
Silver	107-1	0.16	0.13	0.14	0.14	11.74	ppb
Sodium	23-2	42471.18	42378.57	41067.13	41972.29	1.87	ppb
Strontium	86-1	84.23	84.89	84.56	84.56	0.39	ppb
Strontium	88-1	83.39	83.15	82.86	83.13	0.32	ppb
Sulfur	34-1	1579.23	1402.33	1897.29	1626.29	15.42	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.03	0.02	0.02	5.15	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	10.58	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	26.45	25.96	26.04	26.15	1.01	ppb
Titanium	47-1	1.89	2.15	2.06	2.03	6.43	ppb
Uranium	238-1	0.09	0.07	0.07	0.08	9.34	ppb
Vanadium	51-2	0.85	0.82	0.83	0.84	1.76	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-03	Instrumnet Name :	P7
Client Sample ID :	390805050	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:57:06	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2114.06	2108.41	2061.63	2094.70	1.37	ppb
Zirconium	90-1	0.33	0.32	0.36	0.34	5.14	ppb
Zirconium	91-1	0.33	0.36	0.39	0.36	7.83	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4299-01	Instrumnet Name :	P7
Client Sample ID :	390802013	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:00:43	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2598.02	2619.25	2628.97	2615.41	0.61	ppb
Antimony	121-1	0.08	0.09	0.12	0.10	19.43	ppb
Arsenic	75-1	0.59	0.78	0.67	0.68	14.00	ppb
Barium	135-1	5.28	5.23	5.21	5.24	0.65	ppb
Barium	137-1	5.28	5.11	5.42	5.27	2.94	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	206.84	202.17	188.92	199.31	4.66	ppb
Boron	11-1	210.92	203.60	197.78	204.10	3.22	ppb
Cadmium	111-1	4.17	3.67	4.16	4.00	7.20	ppb
Cadmium	106-1	1.86	-1.83	1.62	0.55	376.26	ppb
Cadmium	108-1	5.04	5.12	5.38	5.18	3.41	ppb
Calcium	43-1	9949.24	10028.49	9988.69	9988.81	0.40	ppb
Calcium	44-1	10016.02	9969.55	9938.65	9974.74	0.39	ppb
Chromium	52-2	0.34	0.31	0.30	0.32	6.57	ppb
Cobalt	59-2	2.49	2.54	2.50	2.51	1.01	ppb
Copper	63-2	986.99	997.64	1008.31	997.65	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	4961.53	4965.73	4988.08	4971.78	0.29	ppb
Iron	57-2	4870.42	4865.20	5022.89	4919.50	1.82	ppb
Krypton	83-1						cps
Lead	206-1	46.88	47.34	46.99	47.07	0.52	ppb
Lead	207-1	44.40	44.21	45.30	44.64	1.30	ppb
Lead	208-1	44.90	45.06	45.25	45.07	0.39	ppb
Lithium	6-1				102		%
Magnesium	24-2	3414.64	3412.19	3468.41	3431.75	0.93	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4299-01	Instrumnet Name :	P7
Client Sample ID :	390802013	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:00:43	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	33.09	33.41	33.57	33.35	0.73	ppb
Molybdenum	94-1	2.23	2.55	2.34	2.37	6.81	ppb
Molybdenum	95-1	0.12	0.13	0.13	0.13	3.09	ppb
Molybdenum	96-1	0.39	0.46	0.48	0.44	10.82	ppb
Molybdenum	97-1	0.13	0.16	0.10	0.13	23.53	ppb
Molybdenum	98-1	0.18	0.13	0.14	0.15	18.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	700.49	710.71	712.05	707.75	0.89	ppb
Phosphorus	31-2	116.87	161.15	114.70	130.91	20.03	ppb
Potassium	39-2	1606.74	1633.92	1654.00	1631.55	1.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	1.09	0.16	0.52	96.10	ppb
Selenium	82-1	0.33	0.35	-0.05	0.21	106.17	ppb
Silicon	28-1	13454.32	13643.10	13567.94	13555.12	0.70	ppb
Silver	109-1	0.03	0.03	0.04	0.03	20.99	ppb
Silver	107-1	0.03	0.03	0.04	0.03	15.73	ppb
Sodium	23-2	26166.65	26109.25	26340.69	26205.53	0.46	ppb
Strontium	86-1	2.93	2.78	2.74	2.82	3.46	ppb
Strontium	88-1	2.86	2.78	2.84	2.83	1.54	ppb
Sulfur	34-1	453.70	380.11	426.25	420.02	8.85	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.03	0.03	0.03	9.77	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	5.13	ppb
Thorium	232-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	7.30	7.16	7.17	7.21	1.07	ppb
Titanium	47-1	2.85	3.22	2.82	2.97	7.56	ppb
Uranium	238-1	0.01	0.03	0.03	0.02	40.80	ppb
Vanadium	51-2	0.52	0.53	0.43	0.49	10.95	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4299-01	Instrumnet Name :	P7
Client Sample ID :	390802013	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:00:43	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3558.94	3551.15	3603.32	3571.14	0.79	ppb
Zirconium	90-1	1.51	1.54	1.38	1.48	6.01	ppb
Zirconium	91-1	1.75	1.49	1.65	1.63	8.00	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4299-02	Instrumnet Name :	P7
Client Sample ID :	390802011	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:04:20	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	475.14	458.20	471.95	468.43	1.92	ppb
Antimony	121-1	0.05	0.02	0.03	0.03	38.93	ppb
Arsenic	75-1	0.57	0.43	0.67	0.56	22.29	ppb
Barium	135-1	0.80	0.88	0.93	0.87	7.06	ppb
Barium	137-1	0.81	0.89	0.87	0.85	5.09	ppb
Beryllium	9-1	-0.02	-0.02	-0.01	-0.02		ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	126.97	123.44	117.91	122.78	3.72	ppb
Boron	11-1	126.94	123.41	119.07	123.14	3.20	ppb
Cadmium	111-1	0.11	-0.01	0.05	0.05	114.92	ppb
Cadmium	106-1	-4.21	-4.79	-4.67	-4.56		ppb
Cadmium	108-1	0.52	0.51	0.51	0.51	0.56	ppb
Calcium	43-1	9328.93	9275.10	9668.58	9424.21	2.26	ppb
Calcium	44-1	9340.76	9231.24	9560.39	9377.46	1.79	ppb
Chromium	52-2	0.03	0.07	0.05	0.05	38.68	ppb
Cobalt	59-2	0.45	0.50	0.46	0.47	5.38	ppb
Copper	63-2	324.70	328.30	325.81	326.27	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				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	747.79	743.91	742.84	744.84	0.35	ppb
Iron	57-2	761.22	751.25	739.02	750.50	1.48	ppb
Krypton	83-1						cps
Lead	206-1	4.50	4.45	4.55	4.50	1.10	ppb
Lead	207-1	4.10	4.18	4.14	4.14	0.96	ppb
Lead	208-1	4.22	4.20	4.23	4.22	0.31	ppb
Lithium	6-1				102		%
Magnesium	24-2	3021.04	3062.24	3068.74	3050.67	0.85	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4299-02	Instrumnet Name :	P7
Client Sample ID :	390802011	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:04:20	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.89	7.71	7.98	7.86	1.76	ppb
Molybdenum	94-1	0.35	0.43	0.40	0.39	10.05	ppb
Molybdenum	95-1	0.12	0.14	0.13	0.13	6.86	ppb
Molybdenum	96-1	0.16	0.14	0.15	0.15	5.12	ppb
Molybdenum	97-1	0.10	0.10	0.11	0.10	6.06	ppb
Molybdenum	98-1	0.14	0.11	0.11	0.12	14.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.54	71.71	74.05	72.77	1.63	ppb
Phosphorus	31-2	60.79	88.34	38.87	62.67	39.56	ppb
Potassium	39-2	1685.76	1683.77	1698.42	1689.32	0.47	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.03	0.74	-0.67	0.37	245.57	ppb
Selenium	82-1	0.34	-0.17	0.23	0.13	198.59	ppb
Silicon	28-1	11111.26	11053.27	11494.91	11219.81	2.14	ppb
Silver	109-1	0.02	0.02	0.01	0.02	33.94	ppb
Silver	107-1	0.02	0.00	0.02	0.02	66.49	ppb
Sodium	23-2	25586.56	25598.76	25637.71	25607.67	0.10	ppb
Strontium	86-1	1.18	1.20	1.32	1.23	5.93	ppb
Strontium	88-1	1.29	1.21	1.23	1.24	3.33	ppb
Sulfur	34-1	649.26	532.02	877.85	686.37	25.62	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	-0.04	0.01	0.01	-0.01		ppb
Thallium	205-1	0.00	0.01	0.01	0.00	156.80	ppb
Thorium	232-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	1.57	1.62	1.56	1.58	2.12	ppb
Titanium	47-1	4.38	4.05	4.28	4.24	3.96	ppb
Uranium	238-1	-0.01	0.01	0.00	0.00		ppb
Vanadium	51-2	0.17	0.15	0.12	0.15	16.43	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4299-02	Instrumnet Name :	P7
Client Sample ID :	390802011	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:04:20	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	370.65	374.15	374.54	373.11	0.57	ppb
Zirconium	90-1	0.26	0.23	0.22	0.23	7.85	ppb
Zirconium	91-1	0.33	0.29	0.26	0.29	12.70	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-09	Instrumnet Name :	P7
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:07:56	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.92	2.49	2.87	2.43	19.68	ppb
Antimony	121-1	-0.03	-0.02	-0.01	-0.02		ppb
Arsenic	75-1	0.13	0.15	0.10	0.13	20.85	ppb
Barium	135-1	0.07	0.09	0.11	0.09	21.97	ppb
Barium	137-1	0.00	-0.01	0.02	0.00	627.61	ppb
Beryllium	9-1	-0.01	0.01	-0.01	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	71.20	72.00	66.08	69.76	4.61	ppb
Boron	11-1	73.05	71.78	74.70	73.18	2.00	ppb
Cadmium	111-1	-0.07	-0.53	-0.24	-0.28		ppb
Cadmium	106-1	-0.80	-7.00	-3.00	-3.60		ppb
Cadmium	108-1	0.08	-0.07	-0.02	0.00		ppb
Calcium	43-1	20.47	16.61	22.20	19.76	14.49	ppb
Calcium	44-1	19.28	18.87	19.45	19.20	1.56	ppb
Chromium	52-2	0.23	0.21	0.18	0.21	13.24	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.33	0.36	0.28	0.32	13.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	2.52	2.47	2.52	2.50	1.26	ppb
Iron	57-2	4.16	3.64	1.59	3.13	43.48	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.16	0.17	0.15	22.09	ppb
Lead	207-1	0.12	0.12	0.13	0.13	6.20	ppb
Lead	208-1	0.12	0.15	0.14	0.14	12.98	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.11	1.68	0.32	1.04	66.22	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-09	Instrumnet Name :	P7
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:07:56	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.15	0.05	0.09	0.10	49.11	ppb
Molybdenum	94-1	0.00	0.01	0.03	0.01	125.43	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	0.02	-0.01	0.01	0.01	202.57	ppb
Molybdenum	98-1	0.00	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.05	-0.04	-0.06		ppb
Phosphorus	31-2	-37.55	-23.43	-20.01	-27.00		ppb
Potassium	39-2	2.50	9.82	1.38	4.57	100.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.66	0.10	0.19	0.32	95.20	ppb
Selenium	82-1	0.08	0.23	0.14	0.15	50.44	ppb
Silicon	28-1	38.72	38.88	37.62	38.41	1.79	ppb
Silver	109-1	0.01	0.00	0.00	0.01	49.29	ppb
Silver	107-1	0.00	0.01	0.01	0.01	118.12	ppb
Sodium	23-2	19.16	17.28	18.29	18.24	5.18	ppb
Strontium	86-1	0.04	-0.02	0.01	0.01	375.85	ppb
Strontium	88-1	0.05	0.04	0.05	0.05	15.96	ppb
Sulfur	34-1	-1975.15	-1837.74	-1821.30	-1878.06		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.01	0.00	0.00		ppb
Thorium	232-1	-0.02	0.00	0.00	-0.01		ppb
Tin	118-1	0.10	0.08	0.07	0.08	20.10	ppb
Titanium	47-1	-0.03	0.10	0.03	0.03	197.79	ppb
Uranium	238-1	0.00	0.01	0.00	0.01	76.11	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	18.85	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-09	Instrumnet Name :	P7
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:07:56	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.88	3.71	3.15	3.58	10.65	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	16.39	ppb
Zirconium	91-1	0.05	0.03	0.04	0.04	17.80	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P7
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:11:33	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51089.65	51436.47	50960.81	51162.31	0.48	ppb
Antimony	121-1	476.26	474.14	469.35	473.25	0.75	ppb
Arsenic	75-1	475.35	478.98	474.61	476.31	0.49	ppb
Barium	135-1	2399.19	2402.71	2373.66	2391.85	0.66	ppb
Barium	137-1	2498.66	2513.97	2491.21	2501.28	0.46	ppb
Beryllium	9-1	503.66	508.01	503.37	505.01	0.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	538.54	546.83	544.21	543.19	0.78	ppb
Boron	11-1	538.39	546.26	553.02	545.89	1.34	ppb
Cadmium	111-1	473.61	475.16	471.99	473.58	0.33	ppb
Cadmium	106-1	484.69	482.73	468.92	478.78	1.80	ppb
Cadmium	108-1	480.31	477.12	478.82	478.75	0.33	ppb
Calcium	43-1	240163.10	243410.59	243576.29	242383.33	0.79	ppb
Calcium	44-1	242812.28	243549.53	243121.81	243161.21	0.15	ppb
Chromium	52-2	497.69	493.70	492.06	494.49	0.59	ppb
Cobalt	59-2	486.49	485.71	479.02	483.74	0.85	ppb
Copper	63-2	936.13	933.35	928.18	932.56	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	126859.78	125307.74	126015.16	126060.90	0.62	ppb
Iron	57-2	121480.56	120470.61	119865.62	120605.60	0.68	ppb
Krypton	83-1						cps
Lead	206-1	511.85	514.78	516.59	514.41	0.47	ppb
Lead	207-1	513.47	515.71	519.02	516.07	0.54	ppb
Lead	208-1	500.74	501.04	504.41	502.06	0.41	ppb
Lithium	6-1				110		%
Magnesium	24-2	248963.40	248592.31	249216.12	248923.94	0.13	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P7
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:11:33	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	982.50	975.69	975.89	978.03	0.40	ppb
Molybdenum	94-1	2509.27	2504.45	2474.31	2496.01	0.76	ppb
Molybdenum	95-1	2513.12	2498.22	2503.61	2504.98	0.30	ppb
Molybdenum	96-1	2501.83	2493.20	2475.39	2490.14	0.54	ppb
Molybdenum	97-1	2365.46	2357.07	2357.60	2360.04	0.20	ppb
Molybdenum	98-1	2501.45	2472.78	2485.70	2486.64	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.38	473.08	472.02	473.82	0.48	ppb
Phosphorus	31-2	10225.44	10080.16	9645.89	9983.83	3.02	ppb
Potassium	39-2	129322.73	128225.59	128737.46	128761.92	0.43	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	471.61	518.53	455.55	481.90	6.79	ppb
Selenium	78-2	504.36	486.46	489.67	493.50	1.93	ppb
Selenium	82-1	471.03	471.89	467.64	470.19	0.48	ppb
Silicon	28-1	510.32	526.86	538.83	525.34	2.73	ppb
Silver	109-1	463.73	462.93	457.91	461.52	0.68	ppb
Silver	107-1	463.11	463.38	458.57	461.69	0.58	ppb
Sodium	23-2	254371.61	253597.73	254393.42	254120.92	0.18	ppb
Strontium	86-1	492.49	484.70	481.24	486.15	1.18	ppb
Strontium	88-1	499.49	502.09	497.64	499.74	0.45	ppb
Sulfur	34-1	9352.34	9539.09	9795.08	9562.17	2.32	ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	494.57	489.03	497.98	493.86	0.92	ppb
Thallium	205-1	518.59	521.09	522.73	520.80	0.40	ppb
Thorium	232-1	528.55	532.43	532.01	531.00	0.40	ppb
Tin	118-1	495.76	493.26	491.11	493.37	0.47	ppb
Titanium	47-1	2391.32	2400.99	2402.73	2398.35	0.26	ppb
Uranium	238-1	527.07	530.20	539.42	532.23	1.21	ppb
Vanadium	51-2	494.92	493.90	491.03	493.28	0.41	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P7
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:11:33	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	909.69	907.24	904.91	907.28	0.26	ppb
Zirconium	90-1	503.90	506.85	504.98	505.24	0.30	ppb
Zirconium	91-1	497.43	492.88	489.06	493.12	0.85	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P7
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:15:52	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.00	2.39	3.18	2.86	14.54	ppb
Antimony	121-1	0.48	0.49	0.57	0.51	9.95	ppb
Arsenic	75-1	1.15	1.10	1.27	1.17	7.63	ppb
Barium	135-1	0.25	0.18	0.19	0.21	17.53	ppb
Barium	137-1	0.22	0.23	0.15	0.20	22.18	ppb
Beryllium	9-1	0.07	0.07	0.03	0.05	46.46	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	47.16	43.11	44.13	44.80	4.71	ppb
Boron	11-1	48.29	48.14	46.11	47.51	2.56	ppb
Cadmium	111-1	-0.37	-0.23	-0.15	-0.25		ppb
Cadmium	106-1	-5.45	-3.55	-2.39	-3.80		ppb
Cadmium	108-1	0.17	0.08	0.22	0.15	46.72	ppb
Calcium	43-1	24.50	16.81	21.81	21.04	18.55	ppb
Calcium	44-1	22.29	20.59	16.42	19.77	15.27	ppb
Chromium	52-2	0.03	0.03	0.00	0.02	112.45	ppb
Cobalt	59-2	0.03	0.01	0.02	0.02	37.04	ppb
Copper	63-2	0.20	0.19	0.16	0.18	11.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	7.37	7.28	7.43	7.36	1.06	ppb
Iron	57-2	6.08	9.86	8.69	8.21	23.53	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.07	0.10	0.09	13.79	ppb
Lead	207-1	0.10	0.07	0.08	0.08	18.77	ppb
Lead	208-1	0.09	0.08	0.07	0.08	15.01	ppb
Lithium	6-1				106		%
Magnesium	24-2	13.46	12.12	11.61	12.40	7.72	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P7
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:15:52	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.06	0.03	0.04	38.99	ppb
Molybdenum	94-1	0.58	0.50	0.43	0.50	14.12	ppb
Molybdenum	95-1	0.63	0.56	0.44	0.54	17.93	ppb
Molybdenum	96-1	0.56	0.55	0.50	0.54	5.55	ppb
Molybdenum	97-1	0.47	0.56	0.58	0.53	10.61	ppb
Molybdenum	98-1	0.56	0.53	0.51	0.53	4.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.06	-0.07	-0.06		ppb
Phosphorus	31-2	-37.97	-41.58	-38.01	-39.19		ppb
Potassium	39-2	14.25	6.96	7.93	9.71	40.79	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.59	-0.13	0.17	0.21	172.54	ppb
Selenium	82-1	0.03	-0.07	0.51	0.16	198.84	ppb
Silicon	28-1	12.50	14.13	13.92	13.52	6.58	ppb
Silver	109-1	0.08	0.06	0.07	0.07	12.72	ppb
Silver	107-1	0.07	0.05	0.05	0.06	22.01	ppb
Sodium	23-2	35.72	32.28	32.60	33.53	5.66	ppb
Strontium	86-1	0.00	0.04	-0.04	0.00		ppb
Strontium	88-1	0.06	0.05	0.03	0.05	35.86	ppb
Sulfur	34-1	-834.15	-465.93	-577.06	-625.71		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.11	0.11	0.13	15.58	ppb
Thallium	205-1	0.13	0.09	0.10	0.11	17.56	ppb
Thorium	232-1	0.12	0.11	0.12	0.12	5.37	ppb
Tin	118-1	0.23	0.27	0.27	0.26	9.05	ppb
Titanium	47-1	0.29	0.13	0.28	0.23	40.15	ppb
Uranium	238-1	0.04	0.02	0.03	0.03	31.12	ppb
Vanadium	51-2	0.04	0.03	0.04	0.04	22.88	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P7
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:15:52	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.36	0.23	0.18	0.25	37.22	ppb
Zirconium	90-1	0.11	0.08	0.07	0.09	24.80	ppb
Zirconium	91-1	0.09	0.16	0.11	0.12	29.96	ppb

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:17:42	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	17	19	24.73	cps
Antimony	121-1	192	200	183	192	4.35	cps
Arsenic	75-1	-216	-75	-135	-142	-49.74	cps
Barium	135-1	17	42	17	25	57.73	cps
Barium	137-1	50	67	42	53	24.12	cps
Beryllium	9-1	73	77	103	84	19.48	cps
Bismuth	209-1	3706909	3668408	3714750	3696689	0.67	cps
Bismuth	209-2	2376456	2419164	2434773	2410131	1.25	cps
Boron	10-1	592	600	550	581	4.61	cps
Boron	11-1	2642	2325	2450	2473	6.45	cps
Cadmium	111-1	3093	2976	3129	3066	2.61	cps
Cadmium	106-1	4384	4234	4451	4356	2.55	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	167	83	100	117	37.79	cps
Calcium	44-1	4710	4635	5152	4832	5.78	cps
Chromium	52-2	267	213	227	236	11.78	cps
Cobalt	59-2	40	43	37	40	8.32	cps
Copper	63-2	350	350	333	344	2.79	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	33	67	25	42	52.92	cps
Erbium	164-2	37	43	30	37	18.18	cps
Gadolinium	160-1	33	33	83	50	57.74	cps
Gadolinium	160-2	107	130	97	111	15.39	cps
Holmium	165-1	6219871	6214871	6263499	6232747	0.43	cps
Holmium	165-2	3299666	3347483	3380458	3342536	1.22	cps
Indium	115-1	4989021	4993545	5042199	5008255	0.59	cps
Indium	115-2	1037605	1046502	1074190	1052766	1.81	cps
Iron	56-2	1889	1661	1778	1776	6.41	cps
Iron	57-2	89	211	89	130	54.44	cps
Krypton	83-1	157	143	147	149	4.66	cps
Lead	206-1	639	594	550	594	7.48	cps
Lead	207-1	650	522	606	593	10.95	cps
Lead	208-1	2145	2022	2050	2072	3.09	cps
Lithium	6-1	2258013	2266456	2296872	2273780	0.90	cps
Magnesium	24-2	167	208	167	181	13.32	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:17:42	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	23	27	27	12.51	cps
Molybdenum	94-1	217	167	233	206	16.88	cps
Molybdenum	95-1	58	67	75	67	12.49	cps
Molybdenum	96-1	167	92	117	125	30.55	cps
Molybdenum	97-1	25	33	58	39	44.62	cps
Molybdenum	98-1	142	125	67	111	35.44	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	77	83	113	91	21.44	cps
Phosphorus	31-2	58	100	92	83	26.45	cps
Potassium	39-2	9603	9862	9512	9659	1.88	cps
Rhodium	103-1	4665918	4641704	4694434	4667352	0.57	cps
Rhodium	103-2	2248864	2277185	2325178	2283742	1.69	cps
Scandium	45-1	3531630	3490746	3547388	3523255	0.83	cps
Scandium	45-2	143547	143527	146465	144513	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	39	33	33	19.87	cps
Selenium	82-1	33	-3	18	16	112.03	cps
Silicon	28-1	103196	104303	102391	103297	0.93	cps
Silver	109-1	50	67	8	42	72.12	cps
Silver	107-1	108	92	58	86	29.56	cps
Sodium	23-2	4101	3676	3759	3845	5.86	cps
Strontium	86-1	300	292	242	278	11.36	cps
Strontium	88-1	117	150	133	133	12.50	cps
Sulfur	34-1	185988	185734	185997	185906	0.08	cps
Terbium	159-1	6547073	6480972	6614552	6547532	1.02	cps
Terbium	159-2	3283009	3300422	3383170	3322200	1.61	cps
Thallium	203-1	350	408	467	408	14.29	cps
Thallium	205-1	567	550	608	575	5.23	cps
Thorium	232-1	1728	1778	1706	1737	2.13	cps
Tin	118-1	575	492	525	531	7.90	cps
Titanium	47-1	83	50	58	64	27.15	cps
Uranium	238-1	2250	1817	2242	2103	11.78	cps
Vanadium	51-2	10	13	10	11	17.30	cps
Yttrium	89-1	13379541	13448131	13673564	13500412	1.14	cps
Yttrium	89-2	1863953	1876495	1920478	1886975	1.57	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:17:42	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	113	150	160	141	17.41	cps
Zirconium	90-1	550	550	483	528	7.29	cps
Zirconium	91-1	83	58	83	75	19.24	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 12:21:20 DataFile Name : 003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1075	817	942	945	13.68	cps
Antimony	121-1	8836	8536	9279	8884	4.20	cps
Arsenic	75-1	480	1213	723	805	46.38	cps
Barium	135-1	11981	11931	11856	11922	0.53	cps
Barium	137-1	20074	19957	20174	20068	0.54	cps
Beryllium	9-1	1487	1273	1390	1383	7.72	cps
Bismuth	209-1	3764992	3777132	3759625	3767250	0.24	cps
Bismuth	209-2	2463767	2483146	2462460	2469791	0.47	cps
Boron	10-1	5076	5034	5218	5109	1.88	cps
Boron	11-1	22793	23427	23536	23252	1.73	cps
Cadmium	111-1	4543	5044	4423	4670	7.06	cps
Cadmium	106-1	4718	5301	4684	4901	7.08	cps
Cadmium	108-1	79	83	146	103	36.34	cps
Calcium	43-1	8203	7811	7477	7830	4.64	cps
Calcium	44-1	131143	132287	132549	131993	0.57	cps
Chromium	52-2	2877	3060	3007	2981	3.16	cps
Cobalt	59-2	2260	2254	2247	2254	0.30	cps
Copper	63-2	3420	3520	3534	3492	1.77	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	8	17	58	28	96.44	cps
Erbium	164-2	53	37	27	39	34.63	cps
Gadolinium	160-1	25	42	83	50	60.09	cps
Gadolinium	160-2	110	110	83	101	15.23	cps
Holmium	165-1	6433627	6370856	6407054	6403846	0.49	cps
Holmium	165-2	3420928	3432732	3428813	3427491	0.18	cps
Indium	115-1	5149453	5179683	5202866	5177334	0.52	cps
Indium	115-2	1071038	1084294	1073433	1076255	0.66	cps
Iron	56-2	62868	62784	62026	62559	0.74	cps
Iron	57-2	1633	1795	1733	1721	4.73	cps
Krypton	83-1	140	150	110	133	15.61	cps
Lead	206-1	3840	3940	4017	3932	2.27	cps
Lead	207-1	3773	3612	3501	3628	3.77	cps
Lead	208-1	15999	15799	15559	15786	1.39	cps
Lithium	6-1	2333460	2317805	2327613	2326293	0.34	cps
Magnesium	24-2	57353	56474	56784	56870	0.78	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:21:20	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	960	923	887	923	3.97	cps
Molybdenum	94-1	9512	10112	10121	9915	3.52	cps
Molybdenum	95-1	12239	12089	12456	12261	1.50	cps
Molybdenum	96-1	14091	13557	13774	13807	1.95	cps
Molybdenum	97-1	7752	7886	7986	7875	1.49	cps
Molybdenum	98-1	19798	19405	19923	19709	1.37	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	680	580	630	630	7.94	cps
Phosphorus	31-2	175	150	183	169	10.24	cps
Potassium	39-2	60197	60474	58583	59751	1.71	cps
Rhodium	103-1	4802875	4797950	4793420	4798082	0.10	cps
Rhodium	103-2	2342151	2354715	2355646	2350837	0.32	cps
Scandium	45-1	3610660	3588206	3631129	3609999	0.59	cps
Scandium	45-2	146661	148910	147498	147689	0.77	cps
Selenium	77-2	27	27	23	26	7.55	cps
Selenium	78-2	144	120	106	123	15.90	cps
Selenium	82-1	592	515	662	590	12.40	cps
Silicon	28-1	133902	134029	135240	134391	0.55	cps
Silver	109-1	5977	6010	6352	6113	3.40	cps
Silver	107-1	6885	6135	6610	6543	5.80	cps
Sodium	23-2	108574	109053	107929	108519	0.52	cps
Strontium	86-1	1825	1884	1700	1803	5.20	cps
Strontium	88-1	14274	13916	13782	13991	1.82	cps
Sulfur	34-1	190713	192014	189117	190615	0.76	cps
Terbium	159-1	6777622	6692375	6675350	6715116	0.82	cps
Terbium	159-2	3385843	3407662	3402453	3398653	0.34	cps
Thallium	203-1	4334	4259	4443	4345	2.12	cps
Thallium	205-1	10371	10404	10730	10502	1.89	cps
Thorium	232-1	14275	14214	13991	14160	1.05	cps
Tin	118-1	21284	20532	19831	20549	3.53	cps
Titanium	47-1	3509	3426	3609	3514	2.61	cps
Uranium	238-1	15485	14442	14842	14923	3.53	cps
Vanadium	51-2	5708	5835	5818	5787	1.19	cps
Yttrium	89-1	13877509	13864929	13987085	13909841	0.48	cps
Yttrium	89-2	1921933	1936600	1938023	1932185	0.46	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:21:20	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	717	643	673	678	5.44	cps
Zirconium	90-1	7602	8219	8053	7958	4.01	cps
Zirconium	91-1	1734	1950	1667	1784	8.31	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:25:38	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43799	44467	44784	44350	1.13	cps
Antimony	121-1	225653	221810	222028	223164	0.97	cps
Arsenic	75-1	52261	51395	50260	51305	1.96	cps
Barium	135-1	286168	284992	283894	285018	0.40	cps
Barium	137-1	495615	495200	486895	492570	1.00	cps
Beryllium	9-1	66428	64965	64068	65154	1.83	cps
Bismuth	209-1	3903673	3868249	3878588	3883503	0.47	cps
Bismuth	209-2	2468769	2520164	2501474	2496802	1.04	cps
Boron	10-1	9562	10112	9829	9834	2.80	cps
Boron	11-1	42452	45377	45696	44508	4.02	cps
Cadmium	111-1	67271	68964	68233	68156	1.25	cps
Cadmium	106-1	11947	11905	11180	11677	3.69	cps
Cadmium	108-1	4988	4926	4843	4919	1.49	cps
Calcium	43-1	78877	78852	76993	78240	1.38	cps
Calcium	44-1	1265036	1252320	1230728	1249361	1.39	cps
Chromium	52-2	64340	64731	64477	64516	0.31	cps
Cobalt	59-2	104935	105929	106050	105638	0.58	cps
Copper	63-2	143703	149037	146852	146531	1.83	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	20	17	17	18	10.81	cps
Erbium	164-1	33	50	58	47	26.97	cps
Erbium	164-2	53	33	17	34	53.29	cps
Gadolinium	160-1	42	25	33	33	25.01	cps
Gadolinium	160-2	133	123	113	123	8.11	cps
Holmium	165-1	6678164	6597044	6461032	6578747	1.67	cps
Holmium	165-2	3427418	3475096	3485136	3462550	0.89	cps
Indium	115-1	5298919	5233579	5183508	5238669	1.10	cps
Indium	115-2	1054719	1073634	1074777	1067710	1.06	cps
Iron	56-2	2670500	2703475	2705523	2693166	0.73	cps
Iron	57-2	68253	70234	68917	69135	1.46	cps
Krypton	83-1	137	127	113	126	9.32	cps
Lead	206-1	170033	169611	170907	170184	0.39	cps
Lead	207-1	149862	148785	147660	148769	0.74	cps
Lead	208-1	686354	681642	684175	684057	0.34	cps
Lithium	6-1	2419288	2408736	2391765	2406596	0.58	cps
Magnesium	24-2	517242	526374	524373	522663	0.92	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 12:25:38 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	78827	79336	79533	79232	0.46	cps
Molybdenum	94-1	507306	499262	491466	499344	1.59	cps
Molybdenum	95-1	625599	617819	608096	617171	1.42	cps
Molybdenum	96-1	687000	681734	672157	680297	1.11	cps
Molybdenum	97-1	391815	384102	380944	385620	1.45	cps
Molybdenum	98-1	997525	987686	971545	985586	1.33	cps
Neodymium	150-1	40	40	27	36	21.64	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	27356	27893	27222	27490	1.29	cps
Phosphorus	31-2	2734	2417	2392	2514	7.58	cps
Potassium	39-2	247881	249356	247693	248310	0.37	cps
Rhodium	103-1	4904270	4876935	4781569	4854258	1.33	cps
Rhodium	103-2	2301667	2349096	2324501	2325088	1.02	cps
Scandium	45-1	3701954	3668752	3588915	3653207	1.59	cps
Scandium	45-2	144479	146953	145924	145785	0.85	cps
Selenium	77-2	257	203	203	221	13.92	cps
Selenium	78-2	704	732	752	729	3.32	cps
Selenium	82-1	5299	5232	5146	5226	1.47	cps
Silicon	28-1	273258	269771	267214	270081	1.12	cps
Silver	109-1	283400	285199	279060	282553	1.12	cps
Silver	107-1	297316	297256	291925	295499	1.05	cps
Sodium	23-2	1008148	1012662	1011165	1010658	0.23	cps
Strontium	86-1	78054	77752	75993	77267	1.44	cps
Strontium	88-1	683355	672600	667719	674558	1.19	cps
Sulfur	34-1	210414	206301	203487	206734	1.68	cps
Terbium	159-1	7038814	6955404	6836599	6943606	1.46	cps
Terbium	159-2	3419243	3474813	3454346	3449467	0.81	cps
Thallium	203-1	208905	207494	207056	207818	0.46	cps
Thallium	205-1	499926	495570	498121	497872	0.44	cps
Thorium	232-1	688218	686904	685998	687040	0.16	cps
Tin	118-1	196369	193430	192367	194056	1.07	cps
Titanium	47-1	172438	171487	164493	169473	2.56	cps
Uranium	238-1	663064	665556	662173	663598	0.26	cps
Vanadium	51-2	52216	53062	51613	52297	1.39	cps
Yttrium	89-1	14184413	14030831	13900461	14038568	1.01	cps
Yttrium	89-2	1899440	1937080	1921801	1919440	0.99	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:25:38	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	23836	24047	24471	24118	1.34	cps
Zirconium	90-1	407568	403488	397186	402748	1.30	cps
Zirconium	91-1	91551	89447	89009	90002	1.51	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 12:29:34 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105915	105630	109315	106953	1.92	cps
Antimony	121-1	553901	556279	554440	554873	0.22	cps
Arsenic	75-1	125748	124703	126421	125624	0.69	cps
Barium	135-1	696704	697369	706056	700043	0.75	cps
Barium	137-1	1201696	1206494	1212285	1206825	0.44	cps
Beryllium	9-1	158836	157792	158668	158432	0.35	cps
Bismuth	209-1	3904306	3901177	3944137	3916540	0.61	cps
Bismuth	209-2	2449915	2464163	2493761	2469279	0.91	cps
Boron	10-1	22367	24287	24120	23591	4.51	cps
Boron	11-1	101785	104049	107263	104365	2.64	cps
Cadmium	111-1	160932	161011	161488	161144	0.19	cps
Cadmium	106-1	22377	21350	22627	22118	3.06	cps
Cadmium	108-1	11772	11801	12276	11950	2.37	cps
Calcium	43-1	189709	187383	190302	189131	0.82	cps
Calcium	44-1	2985442	3014462	3039770	3013225	0.90	cps
Chromium	52-2	154907	154392	156712	155337	0.78	cps
Cobalt	59-2	248615	247517	253412	249848	1.25	cps
Copper	63-2	340346	344337	352477	345720	1.79	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	20	23	20	21	9.11	cps
Erbium	164-1	42	58	58	53	18.23	cps
Erbium	164-2	37	37	53	42	22.78	cps
Gadolinium	160-1	42	33	58	44	28.65	cps
Gadolinium	160-2	117	87	110	104	15.08	cps
Holmium	165-1	6585471	6571084	6622220	6592925	0.40	cps
Holmium	165-2	3418023	3425585	3463875	3435828	0.72	cps
Indium	115-1	5143114	5143207	5179186	5155169	0.40	cps
Indium	115-2	1027143	1033742	1054044	1038310	1.35	cps
Iron	56-2	6330398	6300133	6419978	6350170	0.98	cps
Iron	57-2	163326	162304	167623	164418	1.72	cps
Krypton	83-1	173	100	153	142	26.66	cps
Lead	206-1	429986	428139	428172	428766	0.25	cps
Lead	207-1	371552	372551	375665	373256	0.57	cps
Lead	208-1	1708153	1702926	1721442	1710840	0.56	cps
Lithium	6-1	2376734	2367884	2395698	2380106	0.60	cps
Magnesium	24-2	1252003	1250491	1270755	1257750	0.90	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:29:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	192117	189438	191373	190976	0.72	cps
Molybdenum	94-1	1220136	1216021	1224887	1220348	0.36	cps
Molybdenum	95-1	1499875	1488692	1489553	1492706	0.42	cps
Molybdenum	96-1	1663446	1666089	1653927	1661154	0.39	cps
Molybdenum	97-1	939279	944178	944186	942548	0.30	cps
Molybdenum	98-1	2383225	2383526	2366129	2377627	0.42	cps
Neodymium	150-1	80	33	47	53	45.07	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	64434	64367	66299	65034	1.69	cps
Phosphorus	31-2	5860	6060	5926	5949	1.71	cps
Potassium	39-2	579866	580354	585034	581751	0.49	cps
Rhodium	103-1	4736563	4665862	4714773	4705733	0.77	cps
Rhodium	103-2	2228018	2236222	2280040	2248093	1.24	cps
Scandium	45-1	3565188	3547309	3580505	3564334	0.47	cps
Scandium	45-2	140196	140179	139997	140124	0.08	cps
Selenium	77-2	587	510	543	547	7.03	cps
Selenium	78-2	1828	1769	1833	1810	1.99	cps
Selenium	82-1	12620	12606	12696	12640	0.38	cps
Silicon	28-1	509195	512281	514288	511921	0.50	cps
Silver	109-1	690298	684078	689498	687958	0.49	cps
Silver	107-1	718266	709163	718864	715431	0.76	cps
Sodium	23-2	2411277	2412233	2457382	2426964	1.09	cps
Strontium	86-1	189941	187846	188208	188665	0.59	cps
Strontium	88-1	1644857	1641759	1651293	1645969	0.30	cps
Sulfur	34-1	233047	235989	232230	233755	0.85	cps
Terbium	159-1	6935987	6930604	6929734	6932108	0.05	cps
Terbium	159-2	3373241	3402895	3446549	3407562	1.08	cps
Thallium	203-1	527613	523306	534613	528511	1.08	cps
Thallium	205-1	1245752	1239521	1259374	1248216	0.81	cps
Thorium	232-1	1740871	1744065	1754191	1746376	0.40	cps
Tin	118-1	476679	479390	483481	479850	0.71	cps
Titanium	47-1	410527	408712	414619	411286	0.74	cps
Uranium	238-1	1671099	1677391	1691055	1679848	0.61	cps
Vanadium	51-2	125031	124496	127394	125640	1.23	cps
Yttrium	89-1	13693175	13679413	13772103	13714897	0.36	cps
Yttrium	89-2	1849010	1853904	1891207	1864707	1.24	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:29:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	56636	57580	57807	57341	1.08	cps
Zirconium	90-1	985132	981433	989474	985346	0.41	cps
Zirconium	91-1	221959	222943	221076	221992	0.42	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:33:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206761	206944	207173	206959	0.10	cps
Antimony	121-1	1089471	1088356	1084213	1087347	0.25	cps
Arsenic	75-1	242912	240757	239430	241033	0.73	cps
Barium	135-1	1405289	1379337	1372975	1385867	1.24	cps
Barium	137-1	2380470	2359039	2365523	2368344	0.46	cps
Beryllium	9-1	306958	306147	306473	306526	0.13	cps
Bismuth	209-1	3986244	3992989	3974949	3984727	0.23	cps
Bismuth	209-2	2467015	2459499	2478468	2468327	0.39	cps
Boron	10-1	44717	45879	45176	45258	1.29	cps
Boron	11-1	203530	206063	205271	204955	0.63	cps
Cadmium	111-1	310555	309104	312841	310834	0.61	cps
Cadmium	106-1	38019	38169	38537	38242	0.70	cps
Cadmium	108-1	23161	23148	22856	23055	0.75	cps
Calcium	43-1	364165	365743	361563	363824	0.58	cps
Calcium	44-1	5907093	5871058	5840298	5872816	0.57	cps
Chromium	52-2	300644	300426	299834	300301	0.14	cps
Cobalt	59-2	479721	478335	481857	479971	0.37	cps
Copper	63-2	660779	662073	663208	662020	0.18	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	27	37	40	34	20.14	cps
Erbium	164-1	33	92	8	44	96.23	cps
Erbium	164-2	27	20	37	28	30.20	cps
Gadolinium	160-1	58	42	75	58	28.57	cps
Gadolinium	160-2	137	143	180	153	15.22	cps
Holmium	165-1	6727756	6673187	6662272	6687738	0.52	cps
Holmium	165-2	3486228	3441537	3472329	3466698	0.66	cps
Indium	115-1	5093938	5059164	5051379	5068160	0.45	cps
Indium	115-2	1021452	1023922	1022289	1022554	0.12	cps
Iron	56-2	12385381	12383020	12364113	12377505	0.09	cps
Iron	57-2	319609	316854	317710	318057	0.44	cps
Krypton	83-1	160	93	110	121	28.64	cps
Lead	206-1	868433	857274	862211	862639	0.65	cps
Lead	207-1	758730	752284	751837	754284	0.51	cps
Lead	208-1	3443613	3426196	3436380	3435397	0.25	cps
Lithium	6-1	2345358	2346175	2330798	2340777	0.37	cps
Magnesium	24-2	2432294	2444615	2422601	2433170	0.45	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:33:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	372785	370855	370470	371370	0.33	cps
Molybdenum	94-1	2361997	2347202	2336880	2348693	0.54	cps
Molybdenum	95-1	2886206	2892820	2872739	2883922	0.35	cps
Molybdenum	96-1	3210008	3181369	3198267	3196548	0.45	cps
Molybdenum	97-1	1823126	1818201	1827988	1823105	0.27	cps
Molybdenum	98-1	4735545	4705692	4757997	4733078	0.55	cps
Neodymium	150-1	67	133	73	91	40.30	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	123162	125004	124691	124285	0.79	cps
Phosphorus	31-2	10913	11463	11788	11388	3.89	cps
Potassium	39-2	1119205	1119900	1111533	1116879	0.42	cps
Rhodium	103-1	4588991	4585040	4537326	4570452	0.63	cps
Rhodium	103-2	2193653	2194772	2196490	2194972	0.07	cps
Scandium	45-1	3465031	3436739	3430149	3443973	0.54	cps
Scandium	45-2	137379	137653	137174	137402	0.17	cps
Selenium	77-2	977	1070	1057	1035	4.88	cps
Selenium	78-2	3417	3332	3226	3325	2.87	cps
Selenium	82-1	24263	24222	24068	24184	0.42	cps
Silicon	28-1	884249	885210	887644	885701	0.20	cps
Silver	109-1	1334218	1329958	1318458	1327545	0.61	cps
Silver	107-1	1392852	1389127	1388783	1390254	0.16	cps
Sodium	23-2	4730948	4742278	4742475	4738567	0.14	cps
Strontium	86-1	371846	376009	375756	374537	0.62	cps
Strontium	88-1	3182130	3169393	3175468	3175664	0.20	cps
Sulfur	34-1	283595	280230	278651	280825	0.90	cps
Terbium	159-1	7034839	6987983	6975611	6999478	0.45	cps
Terbium	159-2	3419885	3416082	3423879	3419949	0.11	cps
Thallium	203-1	1058300	1055856	1056643	1056933	0.12	cps
Thallium	205-1	2491141	2477509	2475518	2481389	0.34	cps
Thorium	232-1	3545555	3517381	3524398	3529111	0.42	cps
Tin	118-1	957535	946441	944394	949457	0.74	cps
Titanium	47-1	791696	788774	784067	788179	0.49	cps
Uranium	238-1	3386433	3372501	3368418	3375784	0.28	cps
Vanadium	51-2	243204	244166	244583	243984	0.29	cps
Yttrium	89-1	13436821	13521716	13468854	13475797	0.32	cps
Yttrium	89-2	1841551	1831221	1836262	1836345	0.28	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:33:27	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	110478	109984	111206	110556	0.56	cps
Zirconium	90-1	1901143	1913253	1904355	1906250	0.33	cps
Zirconium	91-1	431162	431141	434653	432318	0.47	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 12:37:17 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408964	408793	407899	408552	0.14	cps
Antimony	121-1	2146540	2130244	2169854	2148879	0.93	cps
Arsenic	75-1	470384	478072	476001	474819	0.84	cps
Barium	135-1	2713171	2734138	2775167	2740825	1.15	cps
Barium	137-1	4860092	4880586	4932859	4891179	0.77	cps
Beryllium	9-1	598067	591022	596517	595202	0.62	cps
Bismuth	209-1	4007573	3985120	4032890	4008528	0.60	cps
Bismuth	209-2	2477685	2473005	2474454	2475048	0.10	cps
Boron	10-1	86900	87745	91309	88651	2.64	cps
Boron	11-1	391534	400125	409159	400272	2.20	cps
Cadmium	111-1	607166	610611	620077	612618	1.09	cps
Cadmium	106-1	70869	70484	73164	71506	2.03	cps
Cadmium	108-1	45807	45895	46050	45917	0.27	cps
Calcium	43-1	715981	722700	728599	722427	0.87	cps
Calcium	44-1	11580850	11586139	11721595	11629528	0.69	cps
Chromium	52-2	586868	585358	594501	588909	0.83	cps
Cobalt	59-2	935114	939009	938631	937585	0.23	cps
Copper	63-2	1276919	1277939	1282693	1279184	0.24	cps
Dysprosium	156-1	50	92	42	61	43.83	cps
Dysprosium	156-2	57	53	33	48	26.42	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	33	47	47	42	18.24	cps
Gadolinium	160-1	58	58	33	50	28.88	cps
Gadolinium	160-2	117	140	113	123	11.78	cps
Holmium	165-1	6840364	6795783	6842541	6826229	0.39	cps
Holmium	165-2	3488142	3501766	3525837	3505248	0.54	cps
Indium	115-1	5030914	5031946	5101469	5054776	0.80	cps
Indium	115-2	1003329	1007197	1009229	1006585	0.30	cps
Iron	56-2	24261210	24208031	24394284	24287842	0.40	cps
Iron	57-2	626233	622332	629296	625954	0.56	cps
Krypton	83-1	133	180	133	149	18.09	cps
Lead	206-1	1712531	1715632	1745613	1724592	1.06	cps
Lead	207-1	1504903	1510731	1535376	1517003	1.07	cps
Lead	208-1	6814485	6801053	6910909	6842149	0.88	cps
Lithium	6-1	2313378	2302930	2320884	2312397	0.39	cps
Magnesium	24-2	4846349	4843367	4874228	4854648	0.35	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:37:17	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	728341	723239	733714	728431	0.72	cps
Molybdenum	94-1	4767759	4758185	4844617	4790187	0.99	cps
Molybdenum	95-1	5900459	5867898	5915983	5894780	0.42	cps
Molybdenum	96-1	6553338	6562688	6564436	6560154	0.09	cps
Molybdenum	97-1	3558783	3552436	3573908	3561709	0.31	cps
Molybdenum	98-1	9463543	9385483	9491335	9446787	0.58	cps
Neodymium	150-1	180	200	207	196	7.10	cps
Neodymium	150-2	20	20	13	18	21.66	cps
Nickel	60-2	241913	242682	241480	242025	0.25	cps
Phosphorus	31-2	23127	22676	22317	22707	1.79	cps
Potassium	39-2	2151943	2161332	2185552	2166276	0.80	cps
Rhodium	103-1	4482923	4444296	4546164	4491127	1.15	cps
Rhodium	103-2	2160790	2179947	2155035	2165257	0.60	cps
Scandium	45-1	3409349	3374009	3401348	3394902	0.55	cps
Scandium	45-2	135415	134806	134914	135045	0.24	cps
Selenium	77-2	1997	1974	2114	2028	3.70	cps
Selenium	78-2	6705	6592	6574	6624	1.07	cps
Selenium	82-1	47158	47643	47821	47541	0.72	cps
Silicon	28-1	1665301	1655907	1672023	1664410	0.49	cps
Silver	109-1	2541146	2563988	2570357	2558497	0.60	cps
Silver	107-1	2668924	2671242	2695210	2678458	0.54	cps
Sodium	23-2	9417917	9369550	9377669	9388379	0.28	cps
Strontium	86-1	736438	734918	749396	740251	1.07	cps
Strontium	88-1	6462980	6474961	6557350	6498430	0.79	cps
Sulfur	34-1	410209	406359	405625	407398	0.60	cps
Terbium	159-1	7069703	7052795	7171159	7097886	0.90	cps
Terbium	159-2	3467034	3456488	3466838	3463453	0.17	cps
Thallium	203-1	2097742	2097579	2122286	2105869	0.68	cps
Thallium	205-1	5120877	5174697	5233978	5176517	1.09	cps
Thorium	232-1	7431076	7506161	7577778	7505005	0.98	cps
Tin	118-1	1863606	1870268	1881920	1871931	0.50	cps
Titanium	47-1	1544585	1536613	1559966	1547054	0.77	cps
Uranium	238-1	7206894	7246485	7319804	7257728	0.79	cps
Vanadium	51-2	477989	477668	483974	479877	0.74	cps
Yttrium	89-1	13421120	13354745	13509849	13428571	0.58	cps
Yttrium	89-2	1828839	1825314	1835856	1830003	0.29	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:37:17	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	211428	214475	213486	213129	0.73	cps
Zirconium	90-1	3730277	3733864	3775427	3746523	0.67	cps
Zirconium	91-1	856672	843920	867075	855889	1.36	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 12:41:06 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	813534	822325	808490	814783	0.86	cps
Antimony	121-1	4396110	4357964	4375338	4376471	0.44	cps
Arsenic	75-1	945250	926081	929381	933571	1.10	cps
Barium	135-1	5674314	5713094	5687903	5691771	0.35	cps
Barium	137-1	9932609	9941155	9914858	9929541	0.14	cps
Beryllium	9-1	1174424	1168158	1164455	1169013	0.43	cps
Bismuth	209-1	3992273	3989434	4031081	4004263	0.58	cps
Bismuth	209-2	2431943	2458096	2416353	2435464	0.87	cps
Boron	10-1	174318	180280	179564	178054	1.83	cps
Boron	11-1	791931	809655	800388	800658	1.11	cps
Cadmium	111-1	1192324	1188386	1189195	1189968	0.17	cps
Cadmium	106-1	138834	135332	135710	136625	1.41	cps
Cadmium	108-1	91069	90227	90641	90646	0.46	cps
Calcium	43-1	1442077	1435362	1447027	1441489	0.41	cps
Calcium	44-1	23564035	23342839	23422930	23443268	0.48	cps
Chromium	52-2	1165416	1173829	1149026	1162757	1.08	cps
Cobalt	59-2	1823833	1848112	1812648	1828198	0.99	cps
Copper	63-2	2454600	2486792	2449206	2463533	0.82	cps
Dysprosium	156-1	108	108	50	89	37.89	cps
Dysprosium	156-2	133	113	83	110	22.88	cps
Erbium	164-1	67	58	92	72	24.02	cps
Erbium	164-2	33	57	47	46	25.70	cps
Gadolinium	160-1	42	67	50	53	24.12	cps
Gadolinium	160-2	147	140	97	128	21.25	cps
Holmium	165-1	6901935	6951299	6962598	6938611	0.46	cps
Holmium	165-2	3548879	3555266	3505541	3536562	0.76	cps
Indium	115-1	4977279	4972211	5011307	4986932	0.43	cps
Indium	115-2	994955	1004808	979897	993220	1.26	cps
Iron	56-2	48611329	48894237	47558825	48354797	1.46	cps
Iron	57-2	1235808	1238789	1216043	1230213	1.00	cps
Krypton	83-1	183	150	143	159	13.49	cps
Lead	206-1	3406937	3382608	3391713	3393753	0.36	cps
Lead	207-1	2970449	2992876	3001366	2988230	0.53	cps
Lead	208-1	13909117	13926607	14020948	13952224	0.43	cps
Lithium	6-1	2310912	2293128	2294588	2299543	0.43	cps
Magnesium	24-2	9803960	9794224	9581705	9726630	1.29	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 12:41:06 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1441715	1453485	1424686	1439962	1.01	cps
Molybdenum	94-1	9694825	9622504	9609951	9642427	0.48	cps
Molybdenum	95-1	11890121	11787037	11847321	11841493	0.44	cps
Molybdenum	96-1	13299910	13090089	13243628	13211209	0.82	cps
Molybdenum	97-1	7440886	7421628	7413325	7425280	0.19	cps
Molybdenum	98-1	19098920	19125198	18985293	19069804	0.39	cps
Neodymium	150-1	440	327	480	416	19.14	cps
Neodymium	150-2	60	27	57	48	38.42	cps
Nickel	60-2	472376	474419	464025	470273	1.17	cps
Phosphorus	31-2	45562	44601	45270	45144	1.09	cps
Potassium	39-2	4389951	4377708	4303636	4357098	1.07	cps
Rhodium	103-1	4457310	4419555	4438151	4438339	0.43	cps
Rhodium	103-2	2130267	2140621	2111271	2127386	0.70	cps
Scandium	45-1	3424059	3370625	3381158	3391948	0.83	cps
Scandium	45-2	136145	136660	133861	135555	1.10	cps
Selenium	77-2	3767	3931	3737	3812	2.73	cps
Selenium	78-2	12919	12997	13024	12980	0.42	cps
Selenium	82-1	92806	93533	92570	92970	0.54	cps
Silicon	28-1	3249842	3270409	3251548	3257267	0.35	cps
Silver	109-1	5243815	5210306	5218123	5224081	0.34	cps
Silver	107-1	5429495	5415861	5418483	5421280	0.13	cps
Sodium	23-2	18931379	19011732	18596828	18846646	1.17	cps
Strontium	86-1	1476052	1466512	1472922	1471829	0.33	cps
Strontium	88-1	13142072	13058642	13037002	13079239	0.42	cps
Sulfur	34-1	676750	676989	673849	675863	0.26	cps
Terbium	159-1	7230377	7230231	7207955	7222854	0.18	cps
Terbium	159-2	3462491	3518074	3452599	3477721	1.01	cps
Thallium	203-1	4413736	4400039	4425643	4413139	0.29	cps
Thallium	205-1	10501219	10479232	10460447	10480299	0.19	cps
Thorium	232-1	15344626	15435766	15464237	15414877	0.41	cps
Tin	118-1	3657378	3654459	3660800	3657546	0.09	cps
Titanium	47-1	3085224	3048907	3072107	3068746	0.60	cps
Uranium	238-1	14744809	14781173	14870085	14798689	0.44	cps
Vanadium	51-2	957142	968944	945291	957126	1.24	cps
Yttrium	89-1	13638360	13514376	13531168	13561301	0.50	cps
Yttrium	89-2	1834464	1840956	1807032	1827484	0.99	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:41:06	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	408610	412362	405577	408849	0.83	cps
Zirconium	90-1	7813753	7745422	7792141	7783772	0.45	cps
Zirconium	91-1	1718954	1712298	1695150	1708801	0.72	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:54:00	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4051462	4074490	4080606	4068853	0.38	cps
Antimony	121-1	4434	4943	4693	4690	5.42	cps
Arsenic	75-1	716	888	750	785	11.55	cps
Barium	135-1	567	483	575	542	9.36	cps
Barium	137-1	792	742	858	797	7.34	cps
Beryllium	9-1	127	153	110	130	16.82	cps
Bismuth	209-1	3499741	3482946	3463888	3482192	0.52	cps
Bismuth	209-2	2141528	2146097	2146634	2144753	0.13	cps
Boron	10-1	3617	3034	3000	3217	10.78	cps
Boron	11-1	14366	14507	12856	13910	6.58	cps
Cadmium	111-1	3090	2953	2728	2924	6.25	cps
Cadmium	106-1	4334	4117	3842	4098	6.01	cps
Cadmium	108-1	21	13	17	17	24.99	cps
Calcium	43-1	6914314	6892233	6884302	6896950	0.23	cps
Calcium	44-1	110748444	111424811	111661382	111278212	0.43	cps
Chromium	52-2	19483	19353	19867	19568	1.37	cps
Cobalt	59-2	20448	21710	21336	21164	3.06	cps
Copper	63-2	3534	3747	3651	3644	2.93	cps
Dysprosium	156-1	58	83	42	61	34.32	cps
Dysprosium	156-2	27	33	47	36	28.64	cps
Erbium	164-1	67	83	67	72	13.33	cps
Erbium	164-2	43	57	33	44	26.35	cps
Gadolinium	160-1	67	58	75	67	12.49	cps
Gadolinium	160-2	143	117	137	132	10.50	cps
Holmium	165-1	6527785	6466787	6515024	6503199	0.49	cps
Holmium	165-2	3336151	3370586	3366043	3357593	0.56	cps
Indium	115-1	4639490	4656047	4636041	4643859	0.23	cps
Indium	115-2	947637	958287	961218	955714	0.75	cps
Iron	56-2	230085155	230244538	231266266	230531987	0.28	cps
Iron	57-2	5874849	5862564	5909344	5882252	0.41	cps
Krypton	83-1	150	167	183	167	10.00	cps
Lead	206-1	2767	2806	2889	2821	2.21	cps
Lead	207-1	2523	2411	2434	2456	2.40	cps
Lead	208-1	10846	10702	10680	10743	0.84	cps
Lithium	6-1	2219038	2220921	2233929	2224629	0.36	cps
Magnesium	24-2	46766976	46851564	47010275	46876272	0.26	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 12:54:00 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5034	4964	5034	5011	0.81	cps
Molybdenum	94-1	4159	4251	4034	4148	2.62	cps
Molybdenum	95-1	5826	5960	5668	5818	2.51	cps
Molybdenum	96-1	10221	10563	10162	10315	2.10	cps
Molybdenum	97-1	3317	3359	3742	3473	6.75	cps
Molybdenum	98-1	8269	8386	8445	8367	1.07	cps
Neodymium	150-1	87	140	87	104	29.48	cps
Neodymium	150-2	30	33	50	38	28.37	cps
Nickel	60-2	8536	8623	8709	8623	1.01	cps
Phosphorus	31-2	25	100	58	61	61.49	cps
Potassium	39-2	21366737	21560067	21606110	21510972	0.59	cps
Rhodium	103-1	3954426	3963134	3949849	3955803	0.17	cps
Rhodium	103-2	1918763	1930188	1933486	1927479	0.40	cps
Scandium	45-1	3318058	3275568	3307676	3300434	0.67	cps
Scandium	45-2	133713	136326	134582	134874	0.99	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	22	24	33	27	22.43	cps
Selenium	82-1	66	44	61	57	19.80	cps
Silicon	28-1	283401	316438	332754	310865	8.09	cps
Silver	109-1	225	117	158	167	32.79	cps
Silver	107-1	242	208	217	222	7.81	cps
Sodium	23-2	90845333	91175931	90751183	90924149	0.25	cps
Strontium	86-1	5651	5910	6585	6049	7.97	cps
Strontium	88-1	50063	49729	49260	49684	0.81	cps
Sulfur	34-1	145908	141769	141692	143123	1.69	cps
Terbium	159-1	6806624	6758334	6768305	6777754	0.38	cps
Terbium	159-2	3295127	3317706	3317044	3309959	0.39	cps
Thallium	203-1	625	667	708	667	6.25	cps
Thallium	205-1	1108	1108	1125	1114	0.86	cps
Thorium	232-1	2611	2739	3028	2793	7.64	cps
Tin	118-1	1225	1267	1350	1281	4.97	cps
Titanium	47-1	617	675	750	681	9.82	cps
Uranium	238-1	2250	2225	2309	2261	1.89	cps
Vanadium	51-2	123	163	127	138	16.11	cps
Yttrium	89-1	12872196	12830866	12838849	12847304	0.17	cps
Yttrium	89-2	1774186	1796375	1809202	1793254	0.99	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 12:54:00	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4848	4521	4768	4712	3.61	cps
Zirconium	90-1	2009	1959	1875	1947	3.46	cps
Zirconium	91-1	375	400	408	394	4.40	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 13:32:53 DataFile Name : 015ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22376	22827	22710	22637	1.03	cps
Antimony	121-1	906540	903080	909519	906380	0.36	cps
Arsenic	75-1	219902	219640	220473	220005	0.19	cps
Barium	135-1	118384	116661	117468	117504	0.73	cps
Barium	137-1	202362	201516	203393	202424	0.46	cps
Beryllium	9-1	133063	132864	133117	133015	0.10	cps
Bismuth	209-1	4024934	4032941	4081061	4046312	0.75	cps
Bismuth	209-2	2642305	2648830	2640714	2643950	0.16	cps
Boron	10-1	617	642	575	611	5.51	cps
Boron	11-1	3167	3034	2884	3028	4.68	cps
Cadmium	111-1	136034	135219	133764	135006	0.85	cps
Cadmium	106-1	17061	16435	16285	16594	2.48	cps
Cadmium	108-1	8536	8569	8678	8594	0.86	cps
Calcium	43-1	32294	34174	31994	32821	3.60	cps
Calcium	44-1	534731	533681	522298	530236	1.30	cps
Chromium	52-2	134046	135486	133710	134414	0.70	cps
Cobalt	59-2	221519	225022	222241	222927	0.83	cps
Copper	63-2	156375	156324	155479	156059	0.32	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	30	17	7	18	65.83	cps
Erbium	164-1	67	83	92	81	15.80	cps
Erbium	164-2	57	73	27	52	45.28	cps
Gadolinium	160-1	33	75	17	42	72.11	cps
Gadolinium	160-2	107	150	127	128	16.97	cps
Holmium	165-1	6999382	6914911	6917925	6944073	0.69	cps
Holmium	165-2	3672259	3699646	3674914	3682273	0.41	cps
Indium	115-1	5656094	5620434	5593652	5623394	0.56	cps
Indium	115-2	1160463	1162188	1155234	1159295	0.31	cps
Iron	56-2	1148828	1161582	1149480	1153297	0.62	cps
Iron	57-2	28962	29013	28256	28744	1.47	cps
Krypton	83-1	170	167	217	184	15.16	cps
Lead	206-1	691707	687216	681847	686923	0.72	cps
Lead	207-1	604808	596439	595204	598817	0.87	cps
Lead	208-1	2755806	2720853	2711379	2729346	0.86	cps
Lithium	6-1	2577902	2551118	2574162	2567727	0.56	cps
Magnesium	24-2	132018	134026	133095	133046	0.76	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:32:53	DataFile Name :	015ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80536	82279	80941	81252	1.12	cps
Molybdenum	94-1	300	350	217	289	23.32	cps
Molybdenum	95-1	75	100	150	108	35.25	cps
Molybdenum	96-1	292	292	333	306	7.87	cps
Molybdenum	97-1	100	125	92	106	16.44	cps
Molybdenum	98-1	183	233	267	228	18.41	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	58560	59477	58590	58876	0.88	cps
Phosphorus	31-2	67	92	100	86	20.14	cps
Potassium	39-2	215398	215173	212831	214467	0.66	cps
Rhodium	103-1	5202755	5219644	5211001	5211133	0.16	cps
Rhodium	103-2	2501298	2526479	2513717	2513831	0.50	cps
Scandium	45-1	3986913	3978280	3966359	3977184	0.26	cps
Scandium	45-2	159999	160791	159302	160031	0.47	cps
Selenium	77-2	977	957	1050	994	4.94	cps
Selenium	78-2	3124	3195	3176	3165	1.15	cps
Selenium	82-1	21912	21604	21709	21742	0.72	cps
Silicon	28-1	108810	106929	106872	107537	1.03	cps
Silver	109-1	536136	524170	524778	528361	1.28	cps
Silver	107-1	556204	554162	554797	555054	0.19	cps
Sodium	23-2	424194	428435	431202	427944	0.82	cps
Strontium	86-1	4159	3976	3884	4006	3.50	cps
Strontium	88-1	31970	33139	33390	32833	2.31	cps
Sulfur	34-1	184075	183491	184807	184124	0.36	cps
Terbium	159-1	7281844	7281654	7271980	7278492	0.08	cps
Terbium	159-2	3632900	3663982	3678777	3658553	0.64	cps
Thallium	203-1	866324	854575	847120	856006	1.13	cps
Thallium	205-1	2022280	2015186	1994899	2010788	0.71	cps
Thorium	232-1	1678	1511	1761	1650	7.71	cps
Tin	118-1	892	775	750	806	9.39	cps
Titanium	47-1	92	83	125	100	22.05	cps
Uranium	238-1	1834	1825	1875	1845	1.45	cps
Vanadium	51-2	111652	110761	110547	110987	0.53	cps
Yttrium	89-1	15057817	15030404	15083321	15057181	0.18	cps
Yttrium	89-2	2070464	2089982	2101955	2087467	0.76	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:32:53	DataFile Name :	015ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	49276	50430	49116	49607	1.45	cps
Zirconium	90-1	508	583	758	617	20.81	cps
Zirconium	91-1	258	267	217	247	10.84	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 13:36:30 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	58	50	67	33.07	cps
Antimony	121-1	1025	1042	1008	1025	1.63	cps
Arsenic	75-1	78	7	35	40	89.92	cps
Barium	135-1	50	33	75	53	39.74	cps
Barium	137-1	108	83	75	89	19.52	cps
Beryllium	9-1	133	147	83	121	27.57	cps
Bismuth	209-1	4067566	4061590	3980076	4036411	1.21	cps
Bismuth	209-2	2627969	2654033	2684532	2655511	1.07	cps
Boron	10-1	758	592	600	650	14.45	cps
Boron	11-1	2950	3134	2859	2981	4.70	cps
Cadmium	111-1	3579	3550	3490	3540	1.27	cps
Cadmium	106-1	5026	4968	4968	4987	0.68	cps
Cadmium	108-1	21	4	29	18	70.49	cps
Calcium	43-1	67	125	108	100	30.05	cps
Calcium	44-1	5869	6302	5535	5902	6.52	cps
Chromium	52-2	257	270	270	266	2.90	cps
Cobalt	59-2	53	70	47	57	21.21	cps
Copper	63-2	383	390	440	404	7.66	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	7	17	13	12	41.65	cps
Erbium	164-1	50	17	75	47	61.97	cps
Erbium	164-2	23	30	37	30	22.23	cps
Gadolinium	160-1	42	58	17	39	53.93	cps
Gadolinium	160-2	127	133	133	131	2.94	cps
Holmium	165-1	6918135	6856824	6795737	6856899	0.89	cps
Holmium	165-2	3679915	3683221	3748479	3703872	1.04	cps
Indium	115-1	5652462	5674551	5583134	5636715	0.85	cps
Indium	115-2	1162582	1184400	1179987	1175656	0.98	cps
Iron	56-2	2267	2278	2484	2343	5.21	cps
Iron	57-2	128	128	189	148	23.81	cps
Krypton	83-1	163	117	173	151	20.02	cps
Lead	206-1	833	817	845	832	1.68	cps
Lead	207-1	778	772	728	759	3.61	cps
Lead	208-1	3011	2917	2745	2891	4.68	cps
Lithium	6-1	2590574	2551396	2557568	2566513	0.82	cps
Magnesium	24-2	133	175	92	133	31.25	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 13:36:30 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	43	43	50	23.10	cps
Molybdenum	94-1	258	208	192	219	15.81	cps
Molybdenum	95-1	33	33	33	33	0.00	cps
Molybdenum	96-1	58	125	133	106	38.94	cps
Molybdenum	97-1	17	17	33	22	43.28	cps
Molybdenum	98-1	33	50	83	56	45.83	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	50	50	90	63	36.46	cps
Phosphorus	31-2	75	58	100	78	26.96	cps
Potassium	39-2	9962	10404	9779	10048	3.20	cps
Rhodium	103-1	5288616	5229376	5208778	5242257	0.79	cps
Rhodium	103-2	2527935	2563589	2566856	2552793	0.85	cps
Scandium	45-1	4010711	3983994	3935810	3976839	0.95	cps
Scandium	45-2	158770	163474	164091	162112	1.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	28	28	30	14.14	cps
Selenium	82-1	6	62	9	26	122.53	cps
Silicon	28-1	104538	103044	103079	103554	0.82	cps
Silver	109-1	183	258	217	219	17.13	cps
Silver	107-1	208	300	317	275	21.21	cps
Sodium	23-2	4242	4184	4134	4187	1.30	cps
Strontium	86-1	175	208	258	214	19.61	cps
Strontium	88-1	158	150	142	150	5.56	cps
Sulfur	34-1	187079	189651	188198	188309	0.68	cps
Terbium	159-1	7285527	7231857	7201717	7239700	0.59	cps
Terbium	159-2	3654068	3685808	3699512	3679796	0.63	cps
Thallium	203-1	858	725	775	786	8.57	cps
Thallium	205-1	1600	1475	1283	1453	10.98	cps
Thorium	232-1	1556	1595	1656	1602	3.15	cps
Tin	118-1	725	633	550	636	13.76	cps
Titanium	47-1	83	75	117	92	24.05	cps
Uranium	238-1	2117	1734	1884	1911	10.11	cps
Vanadium	51-2	13	40	23	26	52.73	cps
Yttrium	89-1	15112422	15072741	15039363	15074842	0.24	cps
Yttrium	89-2	2090813	2129687	2127989	2116163	1.04	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:36:30	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	237	163	247	216	21.11	cps
Zirconium	90-1	608	642	658	636	4.00	cps
Zirconium	91-1	108	83	117	103	16.88	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 13:42:11 DataFile Name : 017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3974556	4057882	4001880	4011439	1.06	cps
Antimony	121-1	5260	5260	5418	5312	1.72	cps
Arsenic	75-1	1274	1716	1461	1484	14.97	cps
Barium	135-1	1500	1850	1425	1592	14.25	cps
Barium	137-1	2842	3226	3192	3087	6.88	cps
Beryllium	9-1	403	407	360	390	6.68	cps
Bismuth	209-1	3878280	3873652	3943563	3898499	1.00	cps
Bismuth	209-2	2427949	2484885	2470599	2461144	1.20	cps
Boron	10-1	625	667	683	658	4.56	cps
Boron	11-1	2967	3175	2667	2937	8.70	cps
Cadmium	111-1	3596	3222	3317	3378	5.76	cps
Cadmium	106-1	4334	3692	3776	3934	8.87	cps
Cadmium	108-1	1083	958	913	985	8.98	cps
Calcium	43-1	1503159	1506709	1491011	1500293	0.55	cps
Calcium	44-1	24485409	24616523	24592419	24564784	0.28	cps
Chromium	52-2	24464	25893	25242	25199	2.84	cps
Cobalt	59-2	2517	2237	2507	2420	6.56	cps
Copper	63-2	10621	10687	10724	10677	0.49	cps
Dysprosium	156-1	42	25	50	39	32.73	cps
Dysprosium	156-2	37	33	23	31	22.31	cps
Erbium	164-1	58	33	50	47	26.97	cps
Erbium	164-2	57	23	53	44	41.31	cps
Gadolinium	160-1	50	33	92	58	51.51	cps
Gadolinium	160-2	113	87	117	106	15.58	cps
Holmium	165-1	6960105	6925543	7045162	6976937	0.88	cps
Holmium	165-2	3581680	3677695	3651725	3637033	1.37	cps
Indium	115-1	5159625	5172041	5226510	5186059	0.69	cps
Indium	115-2	1050954	1077662	1065679	1064765	1.26	cps
Iron	56-2	102458269	103861408	102213750	102844475	0.86	cps
Iron	57-2	2544619	2601352	2575976	2573982	1.10	cps
Krypton	83-1	137	110	163	137	19.51	cps
Lead	206-1	17389	16906	17089	17128	1.43	cps
Lead	207-1	13724	13808	14102	13878	1.43	cps
Lead	208-1	64539	63593	64935	64356	1.07	cps
Lithium	6-1	2400398	2394107	2382248	2392251	0.39	cps
Magnesium	24-2	10243281	10374300	10164509	10260697	1.03	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:42:11	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5975	6255	6011	6080	2.50	cps
Molybdenum	94-1	2504419	2500720	2502134	2502424	0.07	cps
Molybdenum	95-1	4479597	4492814	4517402	4496604	0.43	cps
Molybdenum	96-1	4831332	4839102	4825377	4831937	0.14	cps
Molybdenum	97-1	2740075	2722490	2729308	2730624	0.32	cps
Molybdenum	98-1	7196962	7213069	7250380	7220137	0.38	cps
Neodymium	150-1	20	27	27	24	15.75	cps
Neodymium	150-2	7	17	3	9	78.08	cps
Nickel	60-2	2797	2784	2700	2760	1.90	cps
Phosphorus	31-2	231699	235686	234730	234038	0.89	cps
Potassium	39-2	9321193	9497384	9389292	9402623	0.94	cps
Rhodium	103-1	4510142	4535573	4576964	4540893	0.74	cps
Rhodium	103-2	2194130	2251834	2207888	2217951	1.36	cps
Scandium	45-1	3575674	3626740	3550200	3584205	1.09	cps
Scandium	45-2	145213	146001	144803	145339	0.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	46	30	35	27.35	cps
Selenium	82-1	47	67	24	46	45.91	cps
Silicon	28-1	157968	157033	155552	156851	0.78	cps
Silver	109-1	208	192	158	186	13.68	cps
Silver	107-1	225	200	167	197	14.84	cps
Sodium	23-2	19838804	20210170	20016634	20021869	0.93	cps
Strontium	86-1	53275	53592	51502	52789	2.13	cps
Strontium	88-1	463634	456290	450785	456903	1.41	cps
Sulfur	34-1	2875758	2871274	2834974	2860669	0.78	cps
Terbium	159-1	7193238	7251429	7279763	7241477	0.61	cps
Terbium	159-2	3531608	3622843	3595163	3583205	1.31	cps
Thallium	203-1	733	642	842	739	13.55	cps
Thallium	205-1	1408	1400	1442	1417	1.56	cps
Thorium	232-1	1689	1611	1817	1706	6.09	cps
Tin	118-1	967	1083	1175	1075	9.71	cps
Titanium	47-1	1319691	1307862	1298518	1308691	0.81	cps
Uranium	238-1	2209	1959	2217	2128	6.90	cps
Vanadium	51-2	167	143	173	161	9.78	cps
Yttrium	89-1	13838257	14040814	13913229	13930767	0.74	cps
Yttrium	89-2	1928091	1967341	1947631	1947688	1.01	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:42:11	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2467	2530	2610	2536	2.83	cps
Zirconium	90-1	750	700	667	706	5.94	cps
Zirconium	91-1	167	158	142	156	8.19	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 13:53:20 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3900940	3952185	3925683	3926270	0.65	cps
Antimony	121-1	93309	94114	94417	93947	0.61	cps
Arsenic	75-1	21204	21320	21672	21399	1.14	cps
Barium	135-1	25658	24380	25065	25034	2.55	cps
Barium	137-1	42758	41881	43786	42809	2.23	cps
Beryllium	9-1	24587	24213	25418	24739	2.49	cps
Bismuth	209-1	3960282	3931792	3944127	3945400	0.36	cps
Bismuth	209-2	2460520	2483301	2502613	2482145	0.85	cps
Boron	10-1	542	642	625	603	8.89	cps
Boron	11-1	2925	2900	3134	2987	4.29	cps
Cadmium	111-1	27155	27482	27303	27314	0.60	cps
Cadmium	106-1	6352	6193	6327	6291	1.35	cps
Cadmium	108-1	2542	2709	2484	2578	4.53	cps
Calcium	43-1	1482920	1461209	1473350	1472493	0.74	cps
Calcium	44-1	23921545	24016094	24468549	24135396	1.21	cps
Chromium	52-2	48834	48567	49349	48917	0.81	cps
Cobalt	59-2	42004	41572	41686	41754	0.54	cps
Copper	63-2	37264	37886	37435	37528	0.86	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	17	27	30	24	28.38	cps
Erbium	164-1	83	58	67	69	18.33	cps
Erbium	164-2	47	57	53	52	9.75	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Gadolinium	160-2	103	110	117	110	6.06	cps
Holmium	165-1	6981961	6990789	7109161	7027304	1.01	cps
Holmium	165-2	3623467	3617358	3664390	3635072	0.70	cps
Indium	115-1	5158033	5122543	5200486	5160354	0.76	cps
Indium	115-2	1047313	1053867	1060130	1053770	0.61	cps
Iron	56-2	100245380	100659555	100578461	100494465	0.22	cps
Iron	57-2	2518006	2534584	2530761	2527784	0.34	cps
Krypton	83-1	120	120	117	119	1.62	cps
Lead	206-1	87503	88951	91524	89326	2.28	cps
Lead	207-1	74625	74793	74625	74681	0.13	cps
Lead	208-1	344590	341957	348217	344921	0.91	cps
Lithium	6-1	2329920	2346934	2356920	2344591	0.58	cps
Magnesium	24-2	10048082	10077994	10054424	10060167	0.16	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:53:20	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21483	20498	20905	20962	2.36	cps
Molybdenum	94-1	2468101	2464233	2479200	2470511	0.31	cps
Molybdenum	95-1	4414139	4429885	4479958	4441327	0.77	cps
Molybdenum	96-1	4727780	4757422	4836613	4773938	1.18	cps
Molybdenum	97-1	2679641	2685449	2719782	2694957	0.80	cps
Molybdenum	98-1	7094893	7061311	7164036	7106747	0.74	cps
Neodymium	150-1	33	73	27	44	56.79	cps
Neodymium	150-2	23	3	17	14	70.51	cps
Nickel	60-2	12622	12889	12852	12788	1.13	cps
Phosphorus	31-2	228404	231265	227315	228995	0.89	cps
Potassium	39-2	9175739	9235474	9138335	9183182	0.53	cps
Rhodium	103-1	4557630	4535353	4576855	4556613	0.46	cps
Rhodium	103-2	2199513	2201313	2198649	2199825	0.06	cps
Scandium	45-1	3577482	3505850	3520297	3534543	1.07	cps
Scandium	45-2	141191	144422	143631	143082	1.18	cps
Selenium	77-2	63	73	70	69	7.39	cps
Selenium	78-2	259	324	278	287	11.63	cps
Selenium	82-1	1985	1930	2025	1980	2.43	cps
Silicon	28-1	161993	162214	164251	162819	0.76	cps
Silver	109-1	102083	101454	101302	101613	0.41	cps
Silver	107-1	106607	106296	106372	106425	0.15	cps
Sodium	23-2	19689179	19664647	19685421	19679749	0.07	cps
Strontium	86-1	52480	51669	52464	52204	0.89	cps
Strontium	88-1	452291	451887	457321	453833	0.67	cps
Sulfur	34-1	2800351	2828063	2822128	2816847	0.52	cps
Terbium	159-1	7244194	7269492	7413235	7308974	1.25	cps
Terbium	159-2	3581307	3587897	3600256	3589820	0.27	cps
Thallium	203-1	90114	87957	89357	89142	1.23	cps
Thallium	205-1	213716	211735	214067	213173	0.59	cps
Thorium	232-1	1756	1717	1633	1702	3.67	cps
Tin	118-1	1342	1433	1350	1375	3.69	cps
Titanium	47-1	1270247	1273139	1286727	1276704	0.69	cps
Uranium	238-1	2117	2225	2242	2195	3.09	cps
Vanadium	51-2	20247	20351	20271	20290	0.27	cps
Yttrium	89-1	13924328	13923303	14023378	13957003	0.41	cps
Yttrium	89-2	1914871	1923804	1918128	1918934	0.24	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:53:20	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6742	6692	6735	6723	0.40	cps
Zirconium	90-1	783	775	758	772	1.65	cps
Zirconium	91-1	142	183	208	178	18.95	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:56:57	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2264445	2301765	2303078	2289763	0.96	cps
Antimony	121-1	2161507	2161897	2163866	2162423	0.06	cps
Arsenic	75-1	469798	473030	479432	474087	1.03	cps
Barium	135-1	2859039	2863030	2856910	2859660	0.11	cps
Barium	137-1	5115782	5143786	5128265	5129278	0.27	cps
Beryllium	9-1	610233	613077	614653	612654	0.37	cps
Bismuth	209-1	3838171	3801884	3807028	3815695	0.51	cps
Bismuth	209-2	2361354	2400360	2398066	2386593	0.92	cps
Boron	10-1	89866	90873	93455	91398	2.03	cps
Boron	11-1	410590	412524	422009	415041	1.47	cps
Cadmium	111-1	597760	596101	598180	597347	0.18	cps
Cadmium	106-1	71498	70727	72493	71573	1.24	cps
Cadmium	108-1	45218	43872	44532	44541	1.51	cps
Calcium	43-1	3770958	3769562	3809924	3783482	0.61	cps
Calcium	44-1	60728599	60976006	61660556	61121720	0.79	cps
Chromium	52-2	637825	646003	642370	642066	0.64	cps
Cobalt	59-2	984497	988540	992136	988391	0.39	cps
Copper	63-2	1287169	1305632	1303758	1298853	0.78	cps
Dysprosium	156-1	75	50	58	61	20.83	cps
Dysprosium	156-2	67	60	117	81	38.18	cps
Erbium	164-1	108	42	33	61	67.27	cps
Erbium	164-2	30	47	57	44	30.31	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	127	147	143	139	7.72	cps
Holmium	165-1	6881937	6936665	6925049	6914550	0.42	cps
Holmium	165-2	3583240	3618579	3603890	3601903	0.49	cps
Indium	115-1	4972489	5001945	5007136	4993857	0.37	cps
Indium	115-2	1024463	1033558	1027404	1028475	0.45	cps
Iron	56-2	127648722	127804064	126547136	127333307	0.54	cps
Iron	57-2	3170023	3207793	3196451	3191422	0.61	cps
Krypton	83-1	153	163	137	151	8.92	cps
Lead	206-1	1750969	1729261	1733299	1737843	0.66	cps
Lead	207-1	1536324	1508633	1530602	1525186	0.96	cps
Lead	208-1	6921254	6844910	6868444	6878202	0.57	cps
Lithium	6-1	2323934	2326633	2334258	2328275	0.23	cps
Magnesium	24-2	25601900	26030125	25908706	25846910	0.85	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CCV33 Instrumnet Name : P7
 Client Sample ID : CCV33 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 13:56:57 DataFile Name : 020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	779544	775590	778771	777969	0.27	cps
Molybdenum	94-1	5026608	5047098	5049702	5041136	0.25	cps
Molybdenum	95-1	6135634	6167020	6239723	6180792	0.86	cps
Molybdenum	96-1	6871025	6942348	7001651	6938341	0.94	cps
Molybdenum	97-1	3708300	3905594	3736727	3783540	2.82	cps
Molybdenum	98-1	9918165	10041396	10015352	9991638	0.65	cps
Neodymium	150-1	313	220	273	269	17.41	cps
Neodymium	150-2	50	53	27	43	33.52	cps
Nickel	60-2	250660	251103	250744	250836	0.09	cps
Phosphorus	31-2	23886	24613	24270	24256	1.50	cps
Potassium	39-2	12000268	12100434	12044947	12048549	0.42	cps
Rhodium	103-1	4326006	4348535	4378395	4350978	0.60	cps
Rhodium	103-2	2111470	2126774	2123661	2120635	0.38	cps
Scandium	45-1	3430988	3498870	3487305	3472387	1.05	cps
Scandium	45-2	143820	144853	145136	144603	0.48	cps
Selenium	77-2	1933	1920	2154	2002	6.55	cps
Selenium	78-2	6570	6483	6464	6506	0.87	cps
Selenium	82-1	45456	45423	45144	45341	0.38	cps
Silicon	28-1	1686384	1709231	1713650	1703088	0.86	cps
Silver	109-1	2510410	2522216	2517808	2516811	0.24	cps
Silver	107-1	2635728	2629658	2606636	2624007	0.58	cps
Sodium	23-2	49928769	50289501	50317371	50178547	0.43	cps
Strontium	86-1	779657	763461	767693	770270	1.09	cps
Strontium	88-1	6816847	6870530	6858483	6848620	0.41	cps
Sulfur	34-1	416821	422244	423743	420936	0.87	cps
Terbium	159-1	7202645	7253029	7276086	7243920	0.52	cps
Terbium	159-2	3521727	3593997	3586835	3567520	1.12	cps
Thallium	203-1	2130087	2132184	2132302	2131524	0.06	cps
Thallium	205-1	5242868	5196721	5252489	5230693	0.57	cps
Thorium	232-1	7826656	7804398	7819780	7816945	0.15	cps
Tin	118-1	1915054	1912075	1912536	1913222	0.08	cps
Titanium	47-1	1620679	1641921	1642314	1634971	0.76	cps
Uranium	238-1	7454863	7531704	7525952	7504173	0.57	cps
Vanadium	51-2	521670	529152	529951	526924	0.87	cps
Yttrium	89-1	13561531	13693395	13796292	13683739	0.86	cps
Yttrium	89-2	1898059	1922589	1922264	1914304	0.73	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 13:56:57	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	201003	204645	203986	203211	0.95	cps
Zirconium	90-1	4056888	4096622	4102063	4085191	0.60	cps
Zirconium	91-1	894361	898835	901005	898067	0.38	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P7
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:00:34 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	625	500	475	533	15.07	cps
Antimony	121-1	2084	2392	2500	2325	9.30	cps
Arsenic	75-1	240	341	183	255	31.53	cps
Barium	135-1	725	583	650	653	10.86	cps
Barium	137-1	1225	875	1000	1033	17.17	cps
Beryllium	9-1	287	343	243	291	17.23	cps
Bismuth	209-1	4250124	4216465	4199519	4222036	0.61	cps
Bismuth	209-2	2557464	2594150	2629919	2593845	1.40	cps
Boron	10-1	4067	3967	3734	3923	4.36	cps
Boron	11-1	17686	16276	16076	16679	5.26	cps
Cadmium	111-1	3224	3316	3529	3356	4.66	cps
Cadmium	106-1	4418	4518	4751	4562	3.75	cps
Cadmium	108-1	21	25	38	28	31.23	cps
Calcium	43-1	983	1025	817	942	11.71	cps
Calcium	44-1	18563	18312	18429	18435	0.68	cps
Chromium	52-2	353	443	307	368	18.89	cps
Cobalt	59-2	260	260	193	238	16.19	cps
Copper	63-2	880	750	910	847	10.05	cps
Dysprosium	156-1	8	0	33	14	124.91	cps
Dysprosium	156-2	10	17	17	14	26.66	cps
Erbium	164-1	83	33	33	50	57.75	cps
Erbium	164-2	33	37	20	30	29.40	cps
Gadolinium	160-1	33	50	42	42	20.00	cps
Gadolinium	160-2	110	113	103	109	4.68	cps
Holmium	165-1	7047255	7036422	6952604	7012094	0.74	cps
Holmium	165-2	3519464	3610399	3641179	3590347	1.76	cps
Indium	115-1	5547693	5521312	5493162	5520722	0.49	cps
Indium	115-2	1094095	1105243	1125373	1108237	1.43	cps
Iron	56-2	32798	30009	27755	30187	8.37	cps
Iron	57-2	956	794	772	841	11.90	cps
Krypton	83-1	123	143	153	140	10.91	cps
Lead	206-1	1478	1545	1311	1445	8.32	cps
Lead	207-1	1461	1261	1350	1358	7.38	cps
Lead	208-1	5623	5212	5189	5341	4.57	cps
Lithium	6-1	2482941	2464755	2462498	2470065	0.45	cps
Magnesium	24-2	5785	5568	4593	5315	11.95	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:00:34	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	203	183	153	180	13.98	cps
Molybdenum	94-1	2117	2284	1709	2036	14.53	cps
Molybdenum	95-1	2409	2250	2167	2275	5.40	cps
Molybdenum	96-1	2734	2725	2400	2620	7.26	cps
Molybdenum	97-1	1533	1317	1425	1425	7.60	cps
Molybdenum	98-1	4242	3442	3626	3770	11.12	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	13	7	7	99.98	cps
Nickel	60-2	90	107	60	86	27.64	cps
Phosphorus	31-2	67	92	83	81	15.80	cps
Potassium	39-2	11697	11021	11230	11316	3.06	cps
Rhodium	103-1	5046391	5067080	5035234	5049569	0.32	cps
Rhodium	103-2	2354951	2392006	2437841	2394933	1.73	cps
Scandium	45-1	3759866	3786511	3761372	3769249	0.40	cps
Scandium	45-2	146079	149687	150606	148791	1.61	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	33	28	33	31	10.18	cps
Selenium	82-1	58	39	42	46	22.03	cps
Silicon	28-1	97046	96099	97298	96815	0.65	cps
Silver	109-1	858	992	825	892	9.89	cps
Silver	107-1	958	992	1017	989	2.96	cps
Sodium	23-2	20790	21374	19280	20481	5.28	cps
Strontium	86-1	358	525	433	439	19.02	cps
Strontium	88-1	1800	1684	1608	1697	5.69	cps
Sulfur	34-1	149763	153054	152875	151897	1.22	cps
Terbium	159-1	7434627	7383816	7349502	7389315	0.58	cps
Terbium	159-2	3487924	3564571	3618530	3557008	1.85	cps
Thallium	203-1	1400	1375	1150	1308	10.52	cps
Thallium	205-1	3226	2775	2375	2792	15.23	cps
Thorium	232-1	3767	3462	3423	3551	5.31	cps
Tin	118-1	1634	1759	1642	1678	4.17	cps
Titanium	47-1	425	567	375	456	21.82	cps
Uranium	238-1	3551	3484	3542	3526	1.03	cps
Vanadium	51-2	87	100	87	91	8.45	cps
Yttrium	89-1	14574649	14544760	14514171	14544526	0.21	cps
Yttrium	89-2	1953269	1979630	2007454	1980118	1.37	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:00:34	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	290	357	307	318	10.92	cps
Zirconium	90-1	1617	1608	1575	1600	1.38	cps
Zirconium	91-1	383	308	375	356	11.56	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:08:15 DataFile Name : 022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	825	817	1058	900	15.24	cps
Antimony	121-1	9404	9704	9787	9631	2.09	cps
Arsenic	75-1	1093	1228	1029	1116	9.10	cps
Barium	135-1	11839	12281	12606	12242	3.15	cps
Barium	137-1	20633	20875	19731	20413	2.95	cps
Beryllium	9-1	1387	1477	1317	1393	5.76	cps
Bismuth	209-1	4063874	4123149	4095446	4094157	0.72	cps
Bismuth	209-2	2596483	2621788	2600132	2606134	0.52	cps
Boron	10-1	6385	5868	5801	6018	5.31	cps
Boron	11-1	26549	26942	27292	26928	1.38	cps
Cadmium	111-1	4557	4489	4393	4480	1.84	cps
Cadmium	106-1	4618	4784	4534	4645	2.74	cps
Cadmium	108-1	83	92	92	89	5.41	cps
Calcium	43-1	7869	8336	7586	7930	4.78	cps
Calcium	44-1	133776	136147	135584	135169	0.92	cps
Chromium	52-2	2880	2914	3064	2953	3.31	cps
Cobalt	59-2	2254	2354	2284	2297	2.23	cps
Copper	63-2	3594	3587	3694	3625	1.65	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	83	25	33	47	66.82	cps
Erbium	164-2	43	43	33	40	14.43	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	113	80	123	106	21.50	cps
Holmium	165-1	6802301	6924448	6903655	6876801	0.95	cps
Holmium	165-2	3596601	3622249	3633509	3617453	0.52	cps
Indium	115-1	5506156	5546667	5489856	5514226	0.53	cps
Indium	115-2	1123686	1131785	1129309	1128260	0.37	cps
Iron	56-2	63794	63125	64915	63945	1.41	cps
Iron	57-2	1633	1728	1828	1730	5.62	cps
Krypton	83-1	163	147	173	161	8.36	cps
Lead	206-1	4395	4723	4362	4493	4.44	cps
Lead	207-1	3845	4101	3612	3853	6.35	cps
Lead	208-1	16971	17416	16832	17073	1.79	cps
Lithium	6-1	2442779	2468966	2462479	2458075	0.55	cps
Magnesium	24-2	57227	58757	57177	57720	1.56	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:08:15	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	977	883	997	952	6.35	cps
Molybdenum	94-1	10146	10296	10429	10290	1.38	cps
Molybdenum	95-1	12856	13265	12523	12881	2.89	cps
Molybdenum	96-1	14141	14174	13849	14055	1.27	cps
Molybdenum	97-1	7786	8303	8053	8047	3.21	cps
Molybdenum	98-1	20741	19890	20707	20446	2.36	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	577	583	627	596	4.56	cps
Phosphorus	31-2	150	233	233	206	23.41	cps
Potassium	39-2	62582	61286	61152	61673	1.28	cps
Rhodium	103-1	5044539	5143954	5111327	5099940	0.99	cps
Rhodium	103-2	2412829	2453193	2441768	2435930	0.85	cps
Scandium	45-1	3814631	3882262	3855361	3850752	0.88	cps
Scandium	45-2	152522	154089	154372	153661	0.65	cps
Selenium	77-2	23	37	43	34	29.57	cps
Selenium	78-2	93	130	124	115	17.31	cps
Selenium	82-1	591	572	546	570	3.92	cps
Silicon	28-1	129439	127799	127094	128111	0.94	cps
Silver	109-1	6218	6210	6493	6307	2.56	cps
Silver	107-1	7285	6493	6593	6791	6.35	cps
Sodium	23-2	114711	111588	114098	113466	1.46	cps
Strontium	86-1	1892	1850	1884	1875	1.18	cps
Strontium	88-1	14958	14083	13615	14219	4.79	cps
Sulfur	34-1	180404	177376	179806	179196	0.89	cps
Terbium	159-1	7185236	7284698	7192248	7220727	0.77	cps
Terbium	159-2	3564221	3571704	3568478	3568134	0.11	cps
Thallium	203-1	4476	4843	4484	4601	4.55	cps
Thallium	205-1	10888	10888	11113	10963	1.19	cps
Thorium	232-1	14987	15248	14503	14913	2.54	cps
Tin	118-1	21651	21417	21058	21375	1.40	cps
Titanium	47-1	3934	3626	3667	3742	4.47	cps
Uranium	238-1	15919	15552	15368	15613	1.80	cps
Vanadium	51-2	5875	5681	5898	5818	2.05	cps
Yttrium	89-1	14558737	14799069	14721254	14693020	0.83	cps
Yttrium	89-2	2016360	2024638	2013667	2018222	0.28	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:08:15	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	620	713	697	677	7.36	cps
Zirconium	90-1	7928	8194	8403	8175	2.91	cps
Zirconium	91-1	1917	1892	2117	1975	6.25	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : PB122117BL Instrumnet Name : P7
 Client Sample ID : PB122117BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:11:51 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	58	33	31	95.79	cps
Antimony	121-1	242	225	233	233	3.57	cps
Arsenic	75-1	110	28	-64	25	350.51	cps
Barium	135-1	42	33	8	28	62.46	cps
Barium	137-1	17	42	33	31	41.66	cps
Beryllium	9-1	77	73	107	86	21.46	cps
Bismuth	209-1	4010169	4056845	4007415	4024810	0.69	cps
Bismuth	209-2	2555547	2620275	2638978	2604933	1.68	cps
Boron	10-1	1217	1533	1225	1325	13.62	cps
Boron	11-1	6518	6268	6060	6282	3.65	cps
Cadmium	111-1	3363	3266	3499	3376	3.47	cps
Cadmium	106-1	4801	4651	4968	4807	3.30	cps
Cadmium	108-1	21	33	17	24	36.73	cps
Calcium	43-1	83	83	75	81	5.98	cps
Calcium	44-1	5010	5160	4751	4974	4.16	cps
Chromium	52-2	213	203	267	228	14.95	cps
Cobalt	59-2	33	23	23	27	21.65	cps
Copper	63-2	447	420	470	446	5.62	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	30	10	20	20	50.00	cps
Erbium	164-1	58	58	58	58	0.00	cps
Erbium	164-2	30	23	43	32	31.61	cps
Gadolinium	160-1	8	58	0	22	141.99	cps
Gadolinium	160-2	113	133	80	109	24.75	cps
Holmium	165-1	6822725	6884558	6722809	6810031	1.20	cps
Holmium	165-2	3562310	3639249	3665520	3622360	1.48	cps
Indium	115-1	5497282	5529624	5400458	5475788	1.23	cps
Indium	115-2	1114264	1148966	1149549	1137593	1.78	cps
Iron	56-2	2300	2145	2378	2274	5.22	cps
Iron	57-2	128	122	122	124	2.58	cps
Krypton	83-1	133	137	153	141	7.59	cps
Lead	206-1	689	617	711	672	7.35	cps
Lead	207-1	739	628	667	678	8.32	cps
Lead	208-1	2650	2245	2539	2478	8.46	cps
Lithium	6-1	2456621	2446974	2428768	2444121	0.58	cps
Magnesium	24-2	183	142	167	164	12.80	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : PB122117BL Instrumnet Name : P7
 Client Sample ID : PB122117BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:11:51 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	40	20	33	34.64	cps
Molybdenum	94-1	225	317	233	258	19.62	cps
Molybdenum	95-1	117	117	83	106	18.23	cps
Molybdenum	96-1	150	192	167	169	12.38	cps
Molybdenum	97-1	75	50	17	47	61.97	cps
Molybdenum	98-1	183	183	183	183	0.00	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	10	17	7	11	45.82	cps
Nickel	60-2	27	57	40	41	36.56	cps
Phosphorus	31-2	50	42	50	47	10.18	cps
Potassium	39-2	9804	9920	9645	9790	1.41	cps
Rhodium	103-1	5161340	5109099	5043369	5104603	1.16	cps
Rhodium	103-2	2434497	2470629	2490188	2465105	1.15	cps
Scandium	45-1	3838112	3866713	3806147	3836991	0.79	cps
Scandium	45-2	152789	156102	155948	154946	1.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	33	43	41	18.10	cps
Selenium	82-1	25	20	11	19	37.97	cps
Silicon	28-1	96662	98221	95546	96810	1.39	cps
Silver	109-1	133	117	117	122	7.87	cps
Silver	107-1	183	150	217	183	18.18	cps
Sodium	23-2	5485	5660	5726	5623	2.22	cps
Strontium	86-1	275	217	283	258	14.06	cps
Strontium	88-1	117	117	208	147	35.95	cps
Sulfur	34-1	183458	184327	182573	183452	0.48	cps
Terbium	159-1	7214904	7186402	7095775	7165694	0.87	cps
Terbium	159-2	3545867	3604026	3626760	3592218	1.16	cps
Thallium	203-1	542	417	525	494	13.73	cps
Thallium	205-1	717	708	808	744	7.45	cps
Thorium	232-1	1556	1556	1734	1615	6.36	cps
Tin	118-1	550	608	717	625	13.53	cps
Titanium	47-1	117	42	42	67	64.95	cps
Uranium	238-1	1717	1767	1775	1753	1.80	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	14602239	14762546	14464908	14609898	1.02	cps
Yttrium	89-2	2011774	2047141	2072257	2043724	1.49	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	PB122117BL	Instrumnet Name :	P7
Client Sample ID :	PB122117BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:11:51	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	147	173	140	153	11.51	cps
Zirconium	90-1	617	650	733	667	9.01	cps
Zirconium	91-1	117	158	150	142	15.56	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : PB122117BS Instrumnet Name : P7
 Client Sample ID : PB122117BS Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:15:27 DataFile Name : 024DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458226	458878	456779	457961	0.23	cps
Antimony	121-1	2235881	2229262	2240586	2235243	0.25	cps
Arsenic	75-1	525986	521074	526737	524599	0.59	cps
Barium	135-1	2913436	2916208	2920283	2916642	0.12	cps
Barium	137-1	5208606	5230263	5241780	5226883	0.32	cps
Beryllium	9-1	653830	651429	646284	650514	0.59	cps
Bismuth	209-1	3894330	3933483	3938639	3922151	0.62	cps
Bismuth	209-2	2476354	2496572	2515178	2496035	0.78	cps
Boron	10-1	91954	94638	98520	95037	3.47	cps
Boron	11-1	421208	429391	441195	430598	2.33	cps
Cadmium	111-1	636674	636795	634560	636010	0.20	cps
Cadmium	106-1	73323	74370	73273	73656	0.84	cps
Cadmium	108-1	47321	47848	47337	47502	0.63	cps
Calcium	43-1	777784	772791	777500	776025	0.36	cps
Calcium	44-1	12630572	12689450	12648686	12656236	0.24	cps
Chromium	52-2	632813	635528	630291	632877	0.41	cps
Cobalt	59-2	1009609	1013169	1006484	1009754	0.33	cps
Copper	63-2	1404784	1405001	1404146	1404644	0.03	cps
Dysprosium	156-1	50	42	42	44	10.82	cps
Dysprosium	156-2	33	60	50	48	28.20	cps
Erbium	164-1	33	58	17	36	58.08	cps
Erbium	164-2	23	37	57	39	43.15	cps
Gadolinium	160-1	25	33	58	39	44.62	cps
Gadolinium	160-2	133	107	83	108	23.21	cps
Holmium	165-1	6670886	6857942	6889304	6806044	1.74	cps
Holmium	165-2	3531803	3588695	3579280	3566593	0.85	cps
Indium	115-1	5145833	5160188	5156081	5154034	0.14	cps
Indium	115-2	1044328	1048917	1051228	1048158	0.34	cps
Iron	56-2	26726651	26721920	26410848	26619806	0.68	cps
Iron	57-2	676868	681537	673579	677328	0.59	cps
Krypton	83-1	170	120	130	140	18.90	cps
Lead	206-1	1731490	1735596	1752397	1739828	0.64	cps
Lead	207-1	1574655	1588105	1581743	1581501	0.43	cps
Lead	208-1	6992753	7026446	7015265	7011488	0.24	cps
Lithium	6-1	2404006	2408729	2398748	2403828	0.21	cps
Magnesium	24-2	5329391	5273120	5257242	5286584	0.72	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	PB122117BS	Instrumnet Name :	P7
Client Sample ID :	PB122117BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:15:27	DataFile Name :	024DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	810026	810095	808330	809484	0.12	cps
Molybdenum	94-1	4836477	4855165	4832672	4841438	0.25	cps
Molybdenum	95-1	5945109	5997668	5952643	5965140	0.48	cps
Molybdenum	96-1	6641747	6653533	6638145	6644475	0.12	cps
Molybdenum	97-1	3651114	3616301	3588121	3618512	0.87	cps
Molybdenum	98-1	9632890	9610632	9548545	9597356	0.46	cps
Neodymium	150-1	267	227	220	238	10.61	cps
Neodymium	150-2	30	10	23	21	48.24	cps
Nickel	60-2	262315	262889	262120	262441	0.15	cps
Phosphorus	31-2	50	17	50	39	49.48	cps
Potassium	39-2	2421921	2403062	2412752	2412578	0.39	cps
Rhodium	103-1	4693254	4717750	4647676	4686227	0.76	cps
Rhodium	103-2	2231916	2242369	2251620	2241968	0.44	cps
Scandium	45-1	3621256	3569137	3548499	3579631	1.05	cps
Scandium	45-2	143335	142911	143520	143255	0.22	cps
Selenium	77-2	2177	1990	1870	2012	7.68	cps
Selenium	78-2	7022	6955	6955	6978	0.55	cps
Selenium	82-1	49926	49713	49668	49769	0.28	cps
Silicon	28-1	1705181	1699131	1693617	1699310	0.34	cps
Silver	109-1	2572072	2579788	2538795	2563552	0.85	cps
Silver	107-1	2661252	2682243	2657811	2667102	0.50	cps
Sodium	23-2	10176204	10118012	10124836	10139684	0.31	cps
Strontium	86-1	734320	735641	736808	735590	0.17	cps
Strontium	88-1	6486041	6472380	6543362	6500594	0.58	cps
Sulfur	34-1	160430	154618	148306	154451	3.93	cps
Terbium	159-1	7015167	7159072	7149374	7107871	1.13	cps
Terbium	159-2	3506470	3518806	3531630	3518969	0.36	cps
Thallium	203-1	2098864	2112032	2137666	2116187	0.93	cps
Thallium	205-1	5100777	5177270	5228901	5168982	1.25	cps
Thorium	232-1	2606	3006	2767	2793	7.21	cps
Tin	118-1	1984046	1980412	1967853	1977437	0.43	cps
Titanium	47-1	1691752	1683167	1683052	1685990	0.30	cps
Uranium	238-1	7003213	7160626	7251661	7138500	1.76	cps
Vanadium	51-2	519878	517273	515891	517681	0.39	cps
Yttrium	89-1	13923436	13930062	13901194	13918231	0.11	cps
Yttrium	89-2	1904908	1907827	1911578	1908104	0.18	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	PB122117BS	Instrumnet Name :	P7
Client Sample ID :	PB122117BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:15:27	DataFile Name :	024DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	226278	228015	227331	227208	0.39	cps
Zirconium	90-1	3907817	3756669	3744591	3803026	2.39	cps
Zirconium	91-1	862316	862494	858294	861035	0.28	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4260-01	Instrumnet Name :	P7
Client Sample ID :	390723763.1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:19:03	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533	258	408	400	34.42	cps
Antimony	121-1	3209	3159	3359	3242	3.21	cps
Arsenic	75-1	223	461	536	406	40.19	cps
Barium	135-1	15568	15409	15543	15507	0.55	cps
Barium	137-1	26635	25841	27119	26532	2.43	cps
Beryllium	9-1	267	270	183	240	20.46	cps
Bismuth	209-1	3940964	3915713	3945206	3933961	0.41	cps
Bismuth	209-2	2502567	2347025	2493425	2447673	3.57	cps
Boron	10-1	34924	38158	36871	36651	4.44	cps
Boron	11-1	166357	169549	169358	168421	1.06	cps
Cadmium	111-1	3183	2906	2948	3012	4.96	cps
Cadmium	106-1	4276	3926	3951	4051	4.82	cps
Cadmium	108-1	8	25	25	19	49.50	cps
Calcium	43-1	460191	463222	466863	463425	0.72	cps
Calcium	44-1	7518942	7488522	7611366	7539610	0.85	cps
Chromium	52-2	747	647	893	762	16.28	cps
Cobalt	59-2	1427	1563	1447	1479	4.99	cps
Copper	63-2	3817	3691	4277	3928	7.86	cps
Dysprosium	156-1	892	775	775	814	8.28	cps
Dysprosium	156-2	400	440	460	433	7.05	cps
Erbium	164-1	42	83	92	72	37.09	cps
Erbium	164-2	83	37	53	58	40.93	cps
Gadolinium	160-1	917	900	800	872	7.23	cps
Gadolinium	160-2	530	533	657	573	12.59	cps
Holmium	165-1	6764355	6742381	6874353	6793696	1.04	cps
Holmium	165-2	3561142	3331375	3545738	3479419	3.69	cps
Indium	115-1	5166142	5192149	5235094	5197795	0.67	cps
Indium	115-2	1066667	993219	1056887	1038924	3.84	cps
Iron	56-2	95766	95816	97063	96215	0.76	cps
Iron	57-2	4845	4884	4951	4894	1.09	cps
Krypton	83-1	137	113	123	124	9.41	cps
Lead	206-1	1489	1478	1250	1406	9.59	cps
Lead	207-1	1245	1339	1206	1263	5.43	cps
Lead	208-1	5239	5412	4989	5213	4.07	cps
Lithium	6-1	2338084	2358460	2367420	2354655	0.64	cps
Magnesium	24-2	681128	687114	686391	684878	0.48	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4260-01	Instrumnet Name :	P7
Client Sample ID :	390723763.1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:19:03	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6802	6402	6408	6537	3.51	cps
Molybdenum	94-1	2892	3284	2950	3042	6.95	cps
Molybdenum	95-1	4092	4351	3576	4006	9.85	cps
Molybdenum	96-1	4609	4876	4484	4657	4.30	cps
Molybdenum	97-1	2842	2492	2592	2642	6.82	cps
Molybdenum	98-1	6785	6652	6368	6602	3.22	cps
Neodymium	150-1	20	47	47	38	40.76	cps
Neodymium	150-2	30	27	13	23	37.81	cps
Nickel	60-2	2104	1863	2057	2008	6.34	cps
Phosphorus	31-2	1158	1117	1250	1175	5.81	cps
Potassium	39-2	1364656	1386160	1382116	1377644	0.83	cps
Rhodium	103-1	4640574	4629842	4686255	4652224	0.64	cps
Rhodium	103-2	2274146	2114655	2253470	2214090	3.92	cps
Scandium	45-1	3507550	3506365	3609191	3541035	1.67	cps
Scandium	45-2	144652	133582	142333	140189	4.16	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	28	35	31	31	11.77	cps
Selenium	82-1	77	83	68	76	9.89	cps
Silicon	28-1	16488741	16613360	16639767	16580623	0.49	cps
Silver	109-1	650	433	542	542	20.00	cps
Silver	107-1	692	742	667	700	5.46	cps
Sodium	23-2	14260837	14390561	14345456	14332285	0.46	cps
Strontium	86-1	871953	875993	877900	875282	0.35	cps
Strontium	88-1	7787316	7795168	7938410	7840298	1.08	cps
Sulfur	34-1	493847	496998	493097	494647	0.42	cps
Terbium	159-1	7052148	7100762	7141576	7098162	0.63	cps
Terbium	159-2	3538447	3309026	3492413	3446629	3.52	cps
Thallium	203-1	1133	908	850	964	15.52	cps
Thallium	205-1	2425	1950	1917	2097	13.56	cps
Thorium	232-1	1645	1572	1433	1550	6.92	cps
Tin	118-1	2475	2484	2759	2573	6.27	cps
Titanium	47-1	783	833	908	842	7.48	cps
Uranium	238-1	2925	3559	3309	3264	9.78	cps
Vanadium	51-2	300	230	273	268	13.19	cps
Yttrium	89-1	13728478	13716930	13996535	13813981	1.15	cps
Yttrium	89-2	1917428	1783892	1900163	1867161	3.89	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4260-01	Instrumnet Name :	P7
Client Sample ID :	390723763.1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:19:03	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6692	6912	7179	6927	3.52	cps
Zirconium	90-1	2067	2100	2142	2103	1.79	cps
Zirconium	91-1	508	517	367	464	18.17	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01	Instrumnet Name :	P7
Client Sample ID :	390730087	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:22:39	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	367	342	353	3.61	cps
Antimony	121-1	842	858	967	889	7.64	cps
Arsenic	75-1	1692	1659	1719	1690	1.77	cps
Barium	135-1	211526	210193	211417	211045	0.35	cps
Barium	137-1	364054	363987	362337	363459	0.27	cps
Beryllium	9-1	190	147	143	160	16.27	cps
Bismuth	209-1	4049606	4069636	4070382	4063208	0.29	cps
Bismuth	209-2	2554445	2548442	2562747	2555212	0.28	cps
Boron	10-1	21299	20656	20448	20801	2.13	cps
Boron	11-1	95954	95132	96164	95750	0.57	cps
Cadmium	111-1	3033	3209	3114	3118	2.83	cps
Cadmium	106-1	4084	4401	4226	4237	3.75	cps
Cadmium	108-1	38	25	46	36	29.03	cps
Calcium	43-1	728757	742135	742453	737782	1.06	cps
Calcium	44-1	11996351	12134516	12257480	12129449	1.08	cps
Chromium	52-2	963	910	1017	963	5.54	cps
Cobalt	59-2	160	130	160	150	11.55	cps
Copper	63-2	90759	91215	90528	90834	0.39	cps
Dysprosium	156-1	33	0	17	17	99.99	cps
Dysprosium	156-2	10	20	27	19	44.42	cps
Erbium	164-1	8	42	58	36	70.51	cps
Erbium	164-2	33	33	57	41	32.78	cps
Gadolinium	160-1	17	42	33	31	41.66	cps
Gadolinium	160-2	127	120	87	111	19.29	cps
Holmium	165-1	6811276	6903718	6899942	6871645	0.76	cps
Holmium	165-2	3588860	3603015	3595853	3595909	0.20	cps
Indium	115-1	5338563	5337491	5335942	5337332	0.02	cps
Indium	115-2	1095157	1096388	1090471	1094005	0.29	cps
Iron	56-2	312465	311710	310804	311660	0.27	cps
Iron	57-2	11521	11610	11938	11690	1.88	cps
Krypton	83-1	117	157	133	136	14.82	cps
Lead	206-1	69832	69950	70090	69957	0.18	cps
Lead	207-1	59885	60281	59929	60032	0.36	cps
Lead	208-1	277924	276397	276332	276884	0.33	cps
Lithium	6-1	2364222	2374745	2359017	2365995	0.34	cps
Magnesium	24-2	930384	928253	931256	929964	0.17	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01	Instrumnet Name :	P7
Client Sample ID :	390730087	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:22:39	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1337	1320	1313	1323	0.91	cps
Molybdenum	94-1	1333	1300	1267	1300	2.56	cps
Molybdenum	95-1	1917	1850	1709	1825	5.83	cps
Molybdenum	96-1	1992	1742	2284	2006	13.52	cps
Molybdenum	97-1	1125	1133	1208	1156	3.97	cps
Molybdenum	98-1	2884	2750	2875	2837	2.63	cps
Neodymium	150-1	27	40	33	33	20.00	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	340	433	367	380	12.65	cps
Phosphorus	31-2	117	133	150	133	12.50	cps
Potassium	39-2	102881	101563	102511	102318	0.66	cps
Rhodium	103-1	4808856	4831765	4820860	4820494	0.24	cps
Rhodium	103-2	2316244	2327992	2344601	2329612	0.61	cps
Scandium	45-1	3574744	3684364	3666451	3641853	1.61	cps
Scandium	45-2	148425	147469	146987	147627	0.50	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	56	37	48	47	19.87	cps
Selenium	82-1	109	83	88	93	15.09	cps
Silicon	28-1	29260557	29754059	29847770	29620795	1.07	cps
Silver	109-1	333	600	425	453	29.92	cps
Silver	107-1	617	575	542	578	6.50	cps
Sodium	23-2	2501191	2509605	2506827	2505874	0.17	cps
Strontium	86-1	227201	229184	225085	227157	0.90	cps
Strontium	88-1	1957651	1956200	1962591	1958814	0.17	cps
Sulfur	34-1	524871	533006	539056	532311	1.34	cps
Terbium	159-1	7176610	7276973	7186481	7213355	0.77	cps
Terbium	159-2	3538748	3527737	3576860	3547782	0.73	cps
Thallium	203-1	650	475	625	583	16.23	cps
Thallium	205-1	1000	1208	1092	1100	9.49	cps
Thorium	232-1	1728	1778	1645	1717	3.92	cps
Tin	118-1	2567	2734	2642	2648	3.15	cps
Titanium	47-1	592	667	567	608	8.56	cps
Uranium	238-1	14025	14317	14359	14233	1.28	cps
Vanadium	51-2	9380	9126	9623	9376	2.65	cps
Yttrium	89-1	14034993	14187471	14245325	14155930	0.77	cps
Yttrium	89-2	1958169	1951716	1959190	1956358	0.21	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01	Instrumnet Name :	P7
Client Sample ID :	390730087	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:22:39	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	23619	23025	23159	23268	1.34	cps
Zirconium	90-1	900	842	1042	928	11.09	cps
Zirconium	91-1	242	175	200	206	16.38	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01DUP	Instrumnet Name :	P7
Client Sample ID :	390730087DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:26:16	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	300	333	333	10.00	cps
Antimony	121-1	492	358	467	439	16.15	cps
Arsenic	75-1	1685	2282	1881	1949	15.62	cps
Barium	135-1	217155	208332	211672	212386	2.10	cps
Barium	137-1	374272	361023	364103	366466	1.89	cps
Beryllium	9-1	120	90	127	112	17.41	cps
Bismuth	209-1	4109180	3957148	4084051	4050126	2.01	cps
Bismuth	209-2	2581912	2570491	2570364	2574256	0.26	cps
Boron	10-1	20465	19355	20206	20008	2.90	cps
Boron	11-1	92357	89984	92240	91527	1.46	cps
Cadmium	111-1	3296	3093	3041	3143	4.30	cps
Cadmium	106-1	4601	4334	4201	4379	4.65	cps
Cadmium	108-1	29	29	0	19	86.60	cps
Calcium	43-1	770768	752594	756190	759851	1.27	cps
Calcium	44-1	12548098	12329753	12534315	12470722	0.98	cps
Chromium	52-2	883	987	857	909	7.55	cps
Cobalt	59-2	100	67	120	96	28.19	cps
Copper	63-2	93389	93859	94352	93866	0.51	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	20	17	30	22	31.22	cps
Erbium	164-1	75	42	33	50	44.10	cps
Erbium	164-2	20	40	33	31	32.73	cps
Gadolinium	160-1	33	42	58	44	28.65	cps
Gadolinium	160-2	150	113	90	118	25.68	cps
Holmium	165-1	7001442	6800694	6994865	6932334	1.65	cps
Holmium	165-2	3620487	3609512	3620814	3616938	0.18	cps
Indium	115-1	5437781	5361153	5436163	5411699	0.81	cps
Indium	115-2	1106629	1103939	1111072	1107214	0.33	cps
Iron	56-2	313823	314780	314864	314489	0.18	cps
Iron	57-2	11382	11900	12355	11879	4.10	cps
Krypton	83-1	153	113	120	129	16.63	cps
Lead	206-1	71754	68626	70112	70164	2.23	cps
Lead	207-1	60688	59142	60889	60240	1.59	cps
Lead	208-1	279003	270841	276236	275360	1.51	cps
Lithium	6-1	2392706	2331806	2365150	2363221	1.29	cps
Magnesium	24-2	940790	937388	940421	939533	0.20	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01DUP	Instrumnet Name :	P7
Client Sample ID :	390730087DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:26:16	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1347	1267	1233	1282	4.54	cps
Molybdenum	94-1	783	958	883	875	10.03	cps
Molybdenum	95-1	1050	1008	1300	1120	14.09	cps
Molybdenum	96-1	1350	1158	1217	1242	7.91	cps
Molybdenum	97-1	742	775	683	733	6.33	cps
Molybdenum	98-1	1934	1734	1842	1836	5.45	cps
Neodymium	150-1	40	20	27	29	35.25	cps
Neodymium	150-2	17	13	3	11	62.48	cps
Nickel	60-2	290	343	313	316	8.47	cps
Phosphorus	31-2	158	108	142	136	18.70	cps
Potassium	39-2	104173	103603	104030	103935	0.29	cps
Rhodium	103-1	4983579	4859421	4916373	4919791	1.26	cps
Rhodium	103-2	2364378	2359832	2378355	2367521	0.41	cps
Scandium	45-1	3783016	3716713	3753868	3751199	0.89	cps
Scandium	45-2	150293	149391	149727	149804	0.30	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	37	50	41	43	15.67	cps
Selenium	82-1	102	100	96	100	3.17	cps
Silicon	28-1	30906086	30393511	30558781	30619459	0.85	cps
Silver	109-1	150	250	208	203	24.77	cps
Silver	107-1	350	350	242	314	19.93	cps
Sodium	23-2	2539988	2519643	2535695	2531775	0.42	cps
Strontium	86-1	234796	231359	229657	231937	1.13	cps
Strontium	88-1	2030314	1987926	1993722	2003987	1.15	cps
Sulfur	34-1	567874	548851	550977	555901	1.87	cps
Terbium	159-1	7368849	7213815	7328736	7303800	1.10	cps
Terbium	159-2	3606488	3584848	3596673	3596003	0.30	cps
Thallium	203-1	458	400	525	461	13.56	cps
Thallium	205-1	550	600	825	658	22.25	cps
Thorium	232-1	1578	1395	1361	1445	8.08	cps
Tin	118-1	2359	2200	2209	2256	3.95	cps
Titanium	47-1	475	617	408	500	21.28	cps
Uranium	238-1	14158	13182	13824	13722	3.62	cps
Vanadium	51-2	9370	9713	9446	9510	1.90	cps
Yttrium	89-1	14545569	14283757	14597402	14475576	1.16	cps
Yttrium	89-2	1977149	1972951	1977276	1975792	0.12	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01DUP	Instrumnet Name :	P7
Client Sample ID :	390730087DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:26:16	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	24063	23212	24110	23795	2.12	cps
Zirconium	90-1	708	758	667	711	6.45	cps
Zirconium	91-1	125	108	183	139	28.35	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01LX5	Instrumnet Name :	P7
Client Sample ID :	390730087L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-12 14:29:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	75	92	97	26.19	cps
Antimony	121-1	183	242	300	242	24.14	cps
Arsenic	75-1	198	155	362	239	45.75	cps
Barium	135-1	44413	45074	43895	44461	1.33	cps
Barium	137-1	78639	76906	75313	76953	2.16	cps
Beryllium	9-1	70	80	63	71	11.80	cps
Bismuth	209-1	4207629	4185634	4237814	4210359	0.62	cps
Bismuth	209-2	2605777	2626198	2634839	2622271	0.57	cps
Boron	10-1	6677	6819	6068	6521	6.11	cps
Boron	11-1	28920	28453	28352	28575	1.06	cps
Cadmium	111-1	3232	3265	3110	3202	2.55	cps
Cadmium	106-1	4584	4659	4418	4554	2.72	cps
Cadmium	108-1	21	13	4	13	66.64	cps
Calcium	43-1	161244	158069	158811	159375	1.04	cps
Calcium	44-1	2549291	2527505	2519146	2531981	0.61	cps
Chromium	52-2	343	380	363	362	5.07	cps
Cobalt	59-2	33	17	30	27	33.06	cps
Copper	63-2	19363	18956	20431	19583	3.89	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	13	3	17	11	62.48	cps
Erbium	164-1	83	50	33	56	45.83	cps
Erbium	164-2	37	20	43	33	36.05	cps
Gadolinium	160-1	58	25	33	39	44.61	cps
Gadolinium	160-2	180	123	133	146	20.78	cps
Holmium	165-1	6950725	7030832	7136031	7039196	1.32	cps
Holmium	165-2	3599841	3658487	3652188	3636839	0.89	cps
Indium	115-1	5536841	5584289	5638815	5586648	0.91	cps
Indium	115-2	1117797	1129803	1136174	1127925	0.83	cps
Iron	56-2	65881	66099	66495	66158	0.47	cps
Iron	57-2	2661	2617	2411	2563	5.20	cps
Krypton	83-1	150	157	147	151	3.37	cps
Lead	206-1	14797	15053	14436	14762	2.10	cps
Lead	207-1	12740	12779	12807	12775	0.26	cps
Lead	208-1	58385	59387	57472	58414	1.64	cps
Lithium	6-1	2385954	2398584	2394005	2392848	0.27	cps
Magnesium	24-2	191077	195507	196311	194298	1.45	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01LX5	Instrumnet Name :	P7
Client Sample ID :	390730087L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-12 14:29:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	313	303	280	299	5.72	cps
Molybdenum	94-1	433	375	250	353	26.55	cps
Molybdenum	95-1	383	283	258	308	21.45	cps
Molybdenum	96-1	308	408	375	364	13.99	cps
Molybdenum	97-1	125	192	200	172	23.87	cps
Molybdenum	98-1	425	467	592	494	17.54	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	10	20	7	12	56.76	cps
Nickel	60-2	93	87	97	92	5.52	cps
Phosphorus	31-2	92	67	58	72	24.02	cps
Potassium	39-2	28553	29021	27351	28308	3.04	cps
Rhodium	103-1	5072501	5090802	5129672	5097658	0.57	cps
Rhodium	103-2	2414137	2431046	2441648	2428943	0.57	cps
Scandium	45-1	3792893	3802725	3828822	3808147	0.49	cps
Scandium	45-2	150320	152418	151819	151519	0.71	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	37	30	44	37	19.99	cps
Selenium	82-1	31	33	21	29	22.85	cps
Silicon	28-1	6432132	6356143	6387482	6391919	0.60	cps
Silver	109-1	58	92	117	89	32.92	cps
Silver	107-1	133	208	167	169	22.18	cps
Sodium	23-2	521434	525410	528336	525060	0.66	cps
Strontium	86-1	48675	47329	49076	48360	1.89	cps
Strontium	88-1	429600	419991	415787	421793	1.68	cps
Sulfur	34-1	237022	234796	233010	234943	0.86	cps
Terbium	159-1	7302332	7420937	7482671	7401980	1.24	cps
Terbium	159-2	3584377	3654051	3613215	3617214	0.97	cps
Thallium	203-1	300	358	425	361	17.32	cps
Thallium	205-1	583	475	650	569	15.51	cps
Thorium	232-1	1395	1506	1506	1469	4.37	cps
Tin	118-1	1008	983	1125	1039	7.28	cps
Titanium	47-1	200	142	125	156	25.32	cps
Uranium	238-1	4351	4051	4168	4190	3.61	cps
Vanadium	51-2	1917	1893	1977	1929	2.23	cps
Yttrium	89-1	14669766	14781394	14849075	14766745	0.61	cps
Yttrium	89-2	2000364	2017724	2025047	2014378	0.63	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01LX5	Instrumnet Name :	P7
Client Sample ID :	390730087L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-12 14:29:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5224	5148	5301	5224	1.47	cps
Zirconium	90-1	525	575	575	558	5.17	cps
Zirconium	91-1	150	100	117	122	20.83	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01MS	Instrumnet Name :	P7
Client Sample ID :	390730087MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:33:30	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84690	86391	85754	85612	1.00	cps
Antimony	121-1	3558960	3554784	3588589	3567444	0.52	cps
Arsenic	75-1	810932	814679	804355	809989	0.65	cps
Barium	135-1	450425	454866	459505	454932	1.00	cps
Barium	137-1	777090	781706	776584	778460	0.36	cps
Beryllium	9-1	253116	250473	253004	252198	0.59	cps
Bismuth	209-1	4023860	4035464	4143648	4067657	1.62	cps
Bismuth	209-2	2637915	2625483	2618682	2627360	0.37	cps
Boron	10-1	72399	73772	76243	74138	2.63	cps
Boron	11-1	320770	336100	344518	333796	3.61	cps
Cadmium	111-1	261506	261204	262730	261813	0.31	cps
Cadmium	106-1	27386	27377	27678	27480	0.62	cps
Cadmium	108-1	17386	17111	17207	17234	0.81	cps
Calcium	43-1	774766	769937	785111	776605	1.00	cps
Calcium	44-1	12649345	12681829	12826421	12719198	0.74	cps
Chromium	52-2	522116	526029	527859	525335	0.56	cps
Cobalt	59-2	422230	424656	423120	423335	0.29	cps
Copper	63-2	533072	534642	536412	534709	0.31	cps
Dysprosium	156-1	274500	275563	275492	275185	0.22	cps
Dysprosium	156-2	86288	86973	88093	87118	1.05	cps
Erbium	164-1	67	83	92	81	15.80	cps
Erbium	164-2	70	50	57	59	17.29	cps
Gadolinium	160-1	117	125	133	125	6.67	cps
Gadolinium	160-2	170	203	157	177	13.61	cps
Holmium	165-1	6836106	6933004	7038538	6935883	1.46	cps
Holmium	165-2	3703410	3673771	3686501	3687894	0.40	cps
Indium	115-1	5314250	5338473	5399021	5350581	0.82	cps
Indium	115-2	1105205	1102232	1096656	1101364	0.39	cps
Iron	56-2	3557946	3578747	3602638	3579777	0.62	cps
Iron	57-2	96544	97293	96560	96799	0.44	cps
Krypton	83-1	127	180	167	158	17.59	cps
Lead	206-1	3483360	3487305	3523786	3498151	0.64	cps
Lead	207-1	3064389	3083835	3118082	3088769	0.88	cps
Lead	208-1	14323150	14383643	14577061	14427952	0.92	cps
Lithium	6-1	2431017	2447578	2486120	2454905	1.15	cps
Magnesium	24-2	1141389	1160096	1155434	1152307	0.85	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01MS	Instrumnet Name :	P7
Client Sample ID :	390730087MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:33:30	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	159982	161205	162886	161357	0.90	cps
Molybdenum	94-1	530351	531543	539354	533749	0.92	cps
Molybdenum	95-1	931026	931303	946720	936350	0.96	cps
Molybdenum	96-1	1001004	997115	1003906	1000675	0.34	cps
Molybdenum	97-1	585751	591310	593479	590180	0.68	cps
Molybdenum	98-1	1497202	1494373	1507012	1499529	0.44	cps
Neodymium	150-1	87	53	87	76	25.47	cps
Neodymium	150-2	23	17	20	20	16.65	cps
Nickel	60-2	273880	274599	274741	274406	0.17	cps
Phosphorus	31-2	14900	14766	15133	14933	1.24	cps
Potassium	39-2	1079068	1090505	1082355	1083976	0.54	cps
Rhodium	103-1	4834493	4848119	4950994	4877869	1.31	cps
Rhodium	103-2	2396957	2387858	2386021	2390279	0.24	cps
Scandium	45-1	3687317	3712627	3768262	3722735	1.11	cps
Scandium	45-2	152048	152721	149562	151444	1.10	cps
Selenium	77-2	8509	8146	8629	8428	2.99	cps
Selenium	78-2	28625	29220	28951	28932	1.03	cps
Selenium	82-1	204256	202774	206699	204576	0.97	cps
Silicon	28-1	32963957	32988007	33646212	33199392	1.17	cps
Silver	109-1	426539	422045	429561	426048	0.89	cps
Silver	107-1	444756	443660	451511	446642	0.95	cps
Sodium	23-2	3111635	3166577	3154525	3144246	0.92	cps
Strontium	86-1	555461	546482	557926	553290	1.09	cps
Strontium	88-1	4897631	4901820	4947942	4915798	0.57	cps
Sulfur	34-1	548762	548617	550380	549253	0.18	cps
Terbium	159-1	7225803	7266637	7403203	7298548	1.27	cps
Terbium	159-2	3673051	3658307	3635533	3655630	0.52	cps
Thallium	203-1	8876225	8912810	9100297	8963111	1.34	cps
Thallium	205-1	20856993	21146842	21617236	21207024	1.81	cps
Thorium	232-1	1989	1861	1750	1867	6.40	cps
Tin	118-1	2701303	2745932	2772445	2739894	1.31	cps
Titanium	47-1	136013	136710	137460	136728	0.53	cps
Uranium	238-1	13257	13433	14634	13774	5.44	cps
Vanadium	51-2	328075	332851	333834	331587	0.93	cps
Yttrium	89-1	14376279	14419705	14587235	14461073	0.77	cps
Yttrium	89-2	2012863	2010072	2006532	2009822	0.16	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01MS	Instrumnet Name :	P7
Client Sample ID :	390730087MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:33:30	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	70489	70660	70358	70503	0.21	cps
Zirconium	90-1	2584	2384	2567	2511	4.42	cps
Zirconium	91-1	983	1058	792	945	14.56	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4198-01MSD Instrumnet Name : P7
 Client Sample ID : 390730087MSD Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:37:07 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88830	88621	87572	88341	0.76	cps
Antimony	121-1	3627983	3622366	3612407	3620919	0.22	cps
Arsenic	75-1	810722	798057	806842	805207	0.81	cps
Barium	135-1	461781	454922	457672	458125	0.75	cps
Barium	137-1	789732	784787	786460	786993	0.32	cps
Beryllium	9-1	255759	256013	255498	255757	0.10	cps
Bismuth	209-1	4138478	4128140	4153014	4139877	0.30	cps
Bismuth	209-2	2586353	2621926	2628055	2612111	0.86	cps
Boron	10-1	76913	77131	79920	77988	2.15	cps
Boron	11-1	342264	350140	361904	351436	2.81	cps
Cadmium	111-1	264527	264454	265951	264977	0.32	cps
Cadmium	106-1	28254	27987	27569	27937	1.24	cps
Cadmium	108-1	17582	17595	17582	17586	0.04	cps
Calcium	43-1	781409	775428	782258	779699	0.48	cps
Calcium	44-1	12870368	12830442	12893034	12864615	0.25	cps
Chromium	52-2	531471	536648	536075	534731	0.53	cps
Cobalt	59-2	427031	431129	429607	429256	0.48	cps
Copper	63-2	539589	541544	538007	539713	0.33	cps
Dysprosium	156-1	276249	271042	271433	272908	1.06	cps
Dysprosium	156-2	87557	88543	88442	88180	0.62	cps
Erbium	164-1	58	58	67	61	7.87	cps
Erbium	164-2	83	53	23	53	56.26	cps
Gadolinium	160-1	167	58	92	106	52.56	cps
Gadolinium	160-2	197	157	160	171	12.97	cps
Holmium	165-1	7029852	7004243	7076434	7036843	0.52	cps
Holmium	165-2	3646816	3686479	3669080	3667458	0.54	cps
Indium	115-1	5403371	5408783	5428620	5413592	0.25	cps
Indium	115-2	1093651	1112015	1106095	1103920	0.85	cps
Iron	56-2	3586441	3629930	3642128	3619499	0.81	cps
Iron	57-2	96951	97673	97907	97511	0.51	cps
Krypton	83-1	153	110	210	158	31.79	cps
Lead	206-1	3559730	3521817	3554019	3545188	0.58	cps
Lead	207-1	3132672	3127799	3118593	3126355	0.23	cps
Lead	208-1	14676345	14670275	14734328	14693649	0.24	cps
Lithium	6-1	2507296	2500721	2501524	2503181	0.14	cps
Magnesium	24-2	1158862	1181523	1170359	1170248	0.97	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01MSD	Instrumnet Name :	P7
Client Sample ID :	390730087MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:37:07	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	161768	163376	165313	163486	1.09	cps
Molybdenum	94-1	554103	535387	542934	544141	1.73	cps
Molybdenum	95-1	954306	942411	955700	950805	0.77	cps
Molybdenum	96-1	1021874	1008052	1016640	1015522	0.69	cps
Molybdenum	97-1	597374	594257	603041	598224	0.74	cps
Molybdenum	98-1	1517668	1529155	1519173	1521999	0.41	cps
Neodymium	150-1	60	73	40	58	29.04	cps
Neodymium	150-2	30	20	17	22	31.22	cps
Nickel	60-2	274234	276925	277742	276300	0.66	cps
Phosphorus	31-2	15408	14966	15125	15167	1.48	cps
Potassium	39-2	1098829	1101569	1095107	1098502	0.30	cps
Rhodium	103-1	4933374	4926593	4950738	4936902	0.25	cps
Rhodium	103-2	2353984	2386320	2393749	2378017	0.89	cps
Scandium	45-1	3767917	3786677	3802927	3785840	0.46	cps
Scandium	45-2	149889	151987	151280	151052	0.71	cps
Selenium	77-2	8559	8846	8529	8645	2.02	cps
Selenium	78-2	28773	29513	29233	29173	1.28	cps
Selenium	82-1	205043	204531	207129	205568	0.67	cps
Silicon	28-1	33577134	33361415	33468609	33469053	0.32	cps
Silver	109-1	435788	429068	434182	433013	0.81	cps
Silver	107-1	450545	448143	448264	448984	0.30	cps
Sodium	23-2	3168004	3200395	3202734	3190377	0.61	cps
Strontium	86-1	557933	552270	559605	556603	0.69	cps
Strontium	88-1	4978758	4955467	5006589	4980271	0.51	cps
Sulfur	34-1	556914	548688	538965	548189	1.64	cps
Terbium	159-1	7374813	7345995	7390589	7370466	0.31	cps
Terbium	159-2	3616057	3678162	3668302	3654174	0.91	cps
Thallium	203-1	9155662	9064699	9176783	9132381	0.65	cps
Thallium	205-1	21548908	21460871	21704311	21571364	0.57	cps
Thorium	232-1	1906	1856	2011	1924	4.13	cps
Tin	118-1	2785189	2753255	2768131	2768858	0.58	cps
Titanium	47-1	139387	137106	137081	137858	0.96	cps
Uranium	238-1	13925	13583	14275	13928	2.49	cps
Vanadium	51-2	334461	335926	336035	335474	0.26	cps
Yttrium	89-1	14576847	14555509	14761304	14631220	0.77	cps
Yttrium	89-2	1977467	2011050	2007767	1998762	0.93	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01MSD	Instrumnet Name :	P7
Client Sample ID :	390730087MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:37:07	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	70781	71554	71675	71337	0.68	cps
Zirconium	90-1	1625	1642	1667	1645	1.28	cps
Zirconium	91-1	758	667	658	694	7.99	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01A	Instrumnet Name :	P7
Client Sample ID :	390730087A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:40:43	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87740	88520	88704	88321	0.58	cps
Antimony	121-1	3589868	3561581	3635056	3595501	1.03	cps
Arsenic	75-1	811851	803141	820102	811698	1.04	cps
Barium	135-1	454943	452560	458976	455493	0.71	cps
Barium	137-1	781645	773217	781777	778880	0.63	cps
Beryllium	9-1	253810	252126	255336	253758	0.63	cps
Bismuth	209-1	4143057	4122619	4121377	4129018	0.29	cps
Bismuth	209-2	2581990	2622817	2643880	2616229	1.20	cps
Boron	10-1	76495	75765	76754	76338	0.67	cps
Boron	11-1	344814	346169	354891	348625	1.57	cps
Cadmium	111-1	264420	259541	263790	262583	1.01	cps
Cadmium	106-1	27845	26993	27561	27466	1.58	cps
Cadmium	108-1	17002	17403	17323	17243	1.23	cps
Calcium	43-1	778831	769296	784344	777490	0.98	cps
Calcium	44-1	12737310	12717813	12783678	12746267	0.27	cps
Chromium	52-2	531108	536450	541475	536344	0.97	cps
Cobalt	59-2	429088	433384	435473	432648	0.75	cps
Copper	63-2	538930	544428	549156	544172	0.94	cps
Dysprosium	156-1	275280	273056	274394	274243	0.41	cps
Dysprosium	156-2	88009	90257	90468	89578	1.52	cps
Erbium	164-1	25	50	42	39	32.73	cps
Erbium	164-2	70	73	47	63	22.94	cps
Gadolinium	160-1	100	133	58	97	38.65	cps
Gadolinium	160-2	190	157	137	161	16.72	cps
Holmium	165-1	6960373	7053257	7050666	7021432	0.75	cps
Holmium	165-2	3633171	3673025	3714128	3673441	1.10	cps
Indium	115-1	5370915	5413866	5478158	5420980	1.00	cps
Indium	115-2	1096030	1111098	1120687	1109272	1.12	cps
Iron	56-2	3615486	3661393	3681108	3652662	0.92	cps
Iron	57-2	97371	98115	100778	98755	1.81	cps
Krypton	83-1	150	120	170	147	17.16	cps
Lead	206-1	3532765	3521738	3499113	3517872	0.49	cps
Lead	207-1	3102595	3082418	3079218	3088077	0.41	cps
Lead	208-1	14586260	14524327	14480101	14530229	0.37	cps
Lithium	6-1	2477577	2473244	2475226	2475349	0.09	cps
Magnesium	24-2	1166525	1173629	1170423	1170192	0.30	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01A	Instrumnet Name :	P7
Client Sample ID :	390730087A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:40:43	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	162338	164869	164980	164062	0.91	cps
Molybdenum	94-1	538613	539000	537941	538518	0.10	cps
Molybdenum	95-1	944464	949340	946322	946709	0.26	cps
Molybdenum	96-1	1008671	1008358	1011835	1009622	0.19	cps
Molybdenum	97-1	590798	593659	589853	591437	0.34	cps
Molybdenum	98-1	1506238	1502610	1507983	1505611	0.18	cps
Neodymium	150-1	60	107	87	84	27.73	cps
Neodymium	150-2	13	27	17	19	36.75	cps
Nickel	60-2	276435	278675	281873	278994	0.98	cps
Phosphorus	31-2	15317	15550	15025	15297	1.72	cps
Potassium	39-2	1082876	1095588	1098953	1092472	0.78	cps
Rhodium	103-1	4901767	4961244	4977612	4946875	0.81	cps
Rhodium	103-2	2369924	2385171	2417375	2390823	1.01	cps
Scandium	45-1	3764051	3766804	3812047	3780968	0.71	cps
Scandium	45-2	150734	152125	150947	151269	0.50	cps
Selenium	77-2	8923	8903	9113	8980	1.29	cps
Selenium	78-2	29393	29647	29597	29546	0.46	cps
Selenium	82-1	204234	204152	203392	203926	0.23	cps
Silicon	28-1	33535854	33345326	33694439	33525206	0.52	cps
Silver	109-1	429982	431365	430750	430699	0.16	cps
Silver	107-1	449528	447666	447850	448348	0.23	cps
Sodium	23-2	3157626	3213081	3213706	3194805	1.01	cps
Strontium	86-1	553310	554645	559654	555870	0.60	cps
Strontium	88-1	4942235	4951903	4962752	4952297	0.21	cps
Sulfur	34-1	553742	544460	556509	551570	1.14	cps
Terbium	159-1	7334594	7331441	7441681	7369239	0.85	cps
Terbium	159-2	3606133	3655835	3710163	3657377	1.42	cps
Thallium	203-1	8975666	9049058	9086571	9037098	0.62	cps
Thallium	205-1	21413385	21455462	21594193	21487680	0.44	cps
Thorium	232-1	1800	1967	1839	1869	4.67	cps
Tin	118-1	2751100	2733526	2775146	2753257	0.76	cps
Titanium	47-1	136772	135021	139311	137035	1.57	cps
Uranium	238-1	14267	13850	14233	14117	1.64	cps
Vanadium	51-2	335737	336572	340437	337582	0.74	cps
Yttrium	89-1	14465452	14593314	14601286	14553351	0.52	cps
Yttrium	89-2	1994423	2002829	2034912	2010722	1.06	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4198-01A	Instrumnet Name :	P7
Client Sample ID :	390730087A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:40:43	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	71451	71173	72382	71668	0.88	cps
Zirconium	90-1	1500	1333	1575	1470	8.42	cps
Zirconium	91-1	575	667	708	650	10.49	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:46:47	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2282669	2277470	2285545	2281895	0.18	cps
Antimony	121-1	2233979	2192967	2204269	2210405	0.96	cps
Arsenic	75-1	486987	479383	488036	484802	0.97	cps
Barium	135-1	2889410	2855080	2852338	2865609	0.72	cps
Barium	137-1	5172295	5138757	5204560	5171871	0.64	cps
Beryllium	9-1	631401	627451	634086	630979	0.53	cps
Bismuth	209-1	3853402	3811136	3852808	3839115	0.63	cps
Bismuth	209-2	2408229	2424134	2441226	2424530	0.68	cps
Boron	10-1	94142	96113	96700	95652	1.40	cps
Boron	11-1	421938	432637	440106	431560	2.12	cps
Cadmium	111-1	608376	602627	602464	604489	0.56	cps
Cadmium	106-1	73885	71766	72234	72628	1.53	cps
Cadmium	108-1	46890	46430	46840	46720	0.54	cps
Calcium	43-1	3926680	3878103	3918719	3907834	0.67	cps
Calcium	44-1	63009985	62976420	62962887	62983097	0.04	cps
Chromium	52-2	646334	640935	645823	644364	0.46	cps
Cobalt	59-2	997583	998951	1001856	999463	0.22	cps
Copper	63-2	1310920	1299297	1316291	1308836	0.66	cps
Dysprosium	156-1	100	133	67	100	33.33	cps
Dysprosium	156-2	107	63	80	83	26.23	cps
Erbium	164-1	67	75	50	64	19.92	cps
Erbium	164-2	63	23	57	48	44.86	cps
Gadolinium	160-1	25	25	58	36	53.30	cps
Gadolinium	160-2	127	160	167	151	14.18	cps
Holmium	165-1	7106020	7052178	7049553	7069250	0.45	cps
Holmium	165-2	3642426	3633596	3666772	3647598	0.47	cps
Indium	115-1	5220417	5208102	5179887	5202802	0.40	cps
Indium	115-2	1041718	1042898	1056859	1047158	0.80	cps
Iron	56-2	128469156	128141547	128217792	128276165	0.13	cps
Iron	57-2	3209321	3181000	3234278	3208200	0.83	cps
Krypton	83-1	157	143	133	144	8.10	cps
Lead	206-1	1739996	1702236	1714914	1719049	1.12	cps
Lead	207-1	1539247	1514456	1508307	1520670	1.08	cps
Lead	208-1	6868462	6779279	6821625	6823122	0.65	cps
Lithium	6-1	2387140	2384432	2405869	2392481	0.49	cps
Magnesium	24-2	26168351	26210868	26141881	26173700	0.13	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CCV34 Instrumnet Name : P7
 Client Sample ID : CCV34 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:46:47 DataFile Name : 032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	781117	784209	785840	783722	0.31	cps
Molybdenum	94-1	5206285	5167774	5183305	5185788	0.37	cps
Molybdenum	95-1	6427713	6334919	6368683	6377105	0.74	cps
Molybdenum	96-1	7203698	7074741	7105546	7127995	0.94	cps
Molybdenum	97-1	3984744	3811072	3797421	3864412	2.70	cps
Molybdenum	98-1	10333315	10227406	10230569	10263763	0.59	cps
Neodymium	150-1	300	273	333	302	9.95	cps
Neodymium	150-2	40	40	27	36	21.64	cps
Nickel	60-2	253640	252164	255439	253748	0.65	cps
Phosphorus	31-2	24312	24362	24897	24524	1.32	cps
Potassium	39-2	12221469	12101163	12135445	12152692	0.51	cps
Rhodium	103-1	4569323	4576431	4568262	4571339	0.10	cps
Rhodium	103-2	2180519	2167081	2185535	2177712	0.44	cps
Scandium	45-1	3716905	3708551	3724438	3716631	0.21	cps
Scandium	45-2	148590	147822	148047	148153	0.27	cps
Selenium	77-2	1767	2004	1974	1915	6.73	cps
Selenium	78-2	6624	6792	6783	6733	1.41	cps
Selenium	82-1	46730	46363	46311	46468	0.49	cps
Silicon	28-1	1844728	1857163	1866387	1856092	0.59	cps
Silver	109-1	2579279	2531820	2561039	2557379	0.94	cps
Silver	107-1	2704340	2663982	2667631	2678651	0.83	cps
Sodium	23-2	50880775	50919344	50945608	50915242	0.06	cps
Strontium	86-1	801354	776938	784025	787439	1.60	cps
Strontium	88-1	7052232	7034359	7080411	7055667	0.33	cps
Sulfur	34-1	460397	446782	455948	454376	1.53	cps
Terbium	159-1	7436306	7409315	7473314	7439645	0.43	cps
Terbium	159-2	3574060	3590311	3631440	3598604	0.82	cps
Thallium	203-1	2126673	2115487	2116976	2119712	0.29	cps
Thallium	205-1	5249710	5201215	5199387	5216771	0.55	cps
Thorium	232-1	7857286	7800478	7911517	7856427	0.71	cps
Tin	118-1	1954502	1919618	1926157	1933426	0.96	cps
Titanium	47-1	1687743	1668833	1680494	1679023	0.57	cps
Uranium	238-1	7562983	7568778	7541315	7557692	0.19	cps
Vanadium	51-2	526735	526346	528684	527255	0.24	cps
Yttrium	89-1	14377687	14243852	14262022	14294520	0.51	cps
Yttrium	89-2	1947496	1947338	1961223	1952019	0.41	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:46:47	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	206086	207616	207969	207224	0.48	cps
Zirconium	90-1	4226453	4194077	4186700	4202410	0.50	cps
Zirconium	91-1	926221	910787	917528	918179	0.84	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P7
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:50:40 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	225	225	228	2.11	cps
Antimony	121-1	2134	2634	2409	2392	10.47	cps
Arsenic	75-1	162	-26	53	63	149.61	cps
Barium	135-1	467	508	275	417	29.87	cps
Barium	137-1	883	725	558	722	22.50	cps
Beryllium	9-1	200	203	193	199	2.56	cps
Bismuth	209-1	4207670	4236933	4236518	4227040	0.40	cps
Bismuth	209-2	2616629	2650921	2633609	2633720	0.65	cps
Boron	10-1	6602	5868	5810	6093	7.24	cps
Boron	11-1	28678	26933	26165	27259	4.72	cps
Cadmium	111-1	3536	3166	2932	3211	9.48	cps
Cadmium	106-1	4818	4334	4076	4409	8.54	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	700	425	517	547	25.59	cps
Calcium	44-1	13924	12806	11489	12740	9.57	cps
Chromium	52-2	260	300	230	263	13.34	cps
Cobalt	59-2	120	80	80	93	24.74	cps
Copper	63-2	557	540	520	539	3.41	cps
Dysprosium	156-1	0	33	33	22	86.60	cps
Dysprosium	156-2	20	13	17	17	20.01	cps
Erbium	164-1	42	25	58	42	40.00	cps
Erbium	164-2	47	33	33	38	20.39	cps
Gadolinium	160-1	83	33	17	44	78.06	cps
Gadolinium	160-2	107	127	103	112	11.24	cps
Holmium	165-1	6968006	7097324	7001329	7022220	0.96	cps
Holmium	165-2	3619590	3669479	3617968	3635679	0.81	cps
Indium	115-1	5555908	5602225	5580852	5579661	0.42	cps
Indium	115-2	1125556	1147777	1132886	1135406	1.00	cps
Iron	56-2	13545	11905	11077	12176	10.32	cps
Iron	57-2	372	339	411	374	9.66	cps
Krypton	83-1	163	100	107	123	28.22	cps
Lead	206-1	978	945	945	956	2.01	cps
Lead	207-1	1122	1033	956	1037	8.04	cps
Lead	208-1	4000	3706	3706	3804	4.47	cps
Lithium	6-1	2493483	2504330	2505986	2501267	0.27	cps
Magnesium	24-2	2142	1834	1792	1922	9.95	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P7
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:50:40 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	83	107	102	16.74	cps
Molybdenum	94-1	1483	1575	1342	1467	8.02	cps
Molybdenum	95-1	1734	1734	1533	1667	6.93	cps
Molybdenum	96-1	2275	1659	1692	1875	18.50	cps
Molybdenum	97-1	1058	975	775	936	15.56	cps
Molybdenum	98-1	3084	2450	2125	2553	19.09	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	7	17	9	78.08	cps
Nickel	60-2	73	73	97	81	16.61	cps
Phosphorus	31-2	50	42	58	50	16.67	cps
Potassium	39-2	10254	10079	10429	10254	1.71	cps
Rhodium	103-1	5147427	5150721	5112237	5136795	0.42	cps
Rhodium	103-2	2443811	2452522	2438607	2444980	0.29	cps
Scandium	45-1	3844770	3862719	3857362	3854950	0.24	cps
Scandium	45-2	153535	152667	150374	152192	1.07	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	41	19	28	29	38.47	cps
Selenium	82-1	22	95	45	54	69.22	cps
Silicon	28-1	107661	104950	104060	105557	1.78	cps
Silver	109-1	592	625	467	561	14.88	cps
Silver	107-1	767	592	467	608	24.77	cps
Sodium	23-2	13123	12639	11421	12394	7.07	cps
Strontium	86-1	383	283	258	308	21.45	cps
Strontium	88-1	1442	1092	1125	1220	15.84	cps
Sulfur	34-1	159865	159377	158653	159298	0.38	cps
Terbium	159-1	7352251	7446501	7370482	7389744	0.68	cps
Terbium	159-2	3613580	3615500	3592881	3607320	0.35	cps
Thallium	203-1	1559	1742	1325	1542	13.55	cps
Thallium	205-1	3817	3384	2992	3398	12.15	cps
Thorium	232-1	4001	3906	3334	3747	9.63	cps
Tin	118-1	1975	1950	1909	1945	1.73	cps
Titanium	47-1	408	325	292	342	17.59	cps
Uranium	238-1	3226	3192	2684	3034	10.01	cps
Vanadium	51-2	80	63	60	68	15.81	cps
Yttrium	89-1	14709828	14837333	14873796	14806986	0.58	cps
Yttrium	89-2	2019335	2012264	2017345	2016315	0.18	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:50:40	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	167	190	157	171	10.00	cps
Zirconium	90-1	1500	1383	1283	1389	7.81	cps
Zirconium	91-1	375	300	208	294	28.35	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4199-01	Instrumnet Name :	P7
Client Sample ID :	390730085	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:54:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1017	1025	975	1006	2.66	cps
Antimony	121-1	1025	900	1108	1011	10.37	cps
Arsenic	75-1	-25	36	18	10	328.01	cps
Barium	135-1	542	458	675	558	19.58	cps
Barium	137-1	892	742	975	870	13.60	cps
Beryllium	9-1	150	113	157	140	16.66	cps
Bismuth	209-1	3954227	3884888	3889132	3909416	0.99	cps
Bismuth	209-2	2489799	2508667	2521903	2506790	0.64	cps
Boron	10-1	7502	7510	7077	7363	3.37	cps
Boron	11-1	32536	31901	32528	32322	1.13	cps
Cadmium	111-1	3129	3061	2884	3025	4.18	cps
Cadmium	106-1	4384	4309	4034	4242	4.35	cps
Cadmium	108-1	21	8	21	17	43.31	cps
Calcium	43-1	2117	1967	1942	2009	4.71	cps
Calcium	44-1	39003	38033	38275	38437	1.31	cps
Chromium	52-2	863	857	850	857	0.78	cps
Cobalt	59-2	60	80	87	76	18.37	cps
Copper	63-2	12465	12415	12369	12417	0.39	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	33	23	27	28	18.33	cps
Erbium	164-1	83	17	17	39	98.97	cps
Erbium	164-2	53	47	63	54	15.40	cps
Gadolinium	160-1	33	17	50	33	49.99	cps
Gadolinium	160-2	123	97	103	108	12.88	cps
Holmium	165-1	6691314	6796846	6763689	6750616	0.80	cps
Holmium	165-2	3524670	3538040	3565467	3542726	0.59	cps
Indium	115-1	5264427	5252676	5280142	5265748	0.26	cps
Indium	115-2	1061378	1092122	1077278	1076926	1.43	cps
Iron	56-2	177847	180349	179904	179367	0.74	cps
Iron	57-2	4845	4601	4034	4493	9.26	cps
Krypton	83-1	147	143	140	143	2.33	cps
Lead	206-1	1550	1617	1567	1578	2.20	cps
Lead	207-1	1278	1306	1267	1283	1.56	cps
Lead	208-1	5667	5706	5612	5662	0.84	cps
Lithium	6-1	2401869	2395294	2393302	2396822	0.19	cps
Magnesium	24-2	2242	2167	2234	2214	1.86	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4199-01	Instrumnet Name :	P7
Client Sample ID :	390730085	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:54:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	300	370	327	332	10.63	cps
Molybdenum	94-1	742	608	700	683	9.98	cps
Molybdenum	95-1	483	517	458	486	6.02	cps
Molybdenum	96-1	667	767	642	692	9.56	cps
Molybdenum	97-1	317	367	367	350	8.25	cps
Molybdenum	98-1	875	767	733	792	9.36	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	7	17	7	10	57.72	cps
Nickel	60-2	87	110	140	112	23.82	cps
Phosphorus	31-2	708	875	792	792	10.53	cps
Potassium	39-2	81516	80460	82069	81348	1.00	cps
Rhodium	103-1	4763927	4767790	4761617	4764445	0.07	cps
Rhodium	103-2	2261099	2301489	2303504	2288697	1.05	cps
Scandium	45-1	3645073	3559760	3661634	3622156	1.51	cps
Scandium	45-2	145271	147839	146658	146589	0.88	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	24	20	37	27	32.23	cps
Selenium	82-1	16	28	35	27	36.12	cps
Silicon	28-1	17055936	16835780	16866961	16919559	0.70	cps
Silver	109-1	192	150	117	153	24.60	cps
Silver	107-1	317	275	158	250	32.83	cps
Sodium	23-2	15000898	15131389	15093924	15075404	0.45	cps
Strontium	86-1	1033	892	1142	1022	12.26	cps
Strontium	88-1	7602	7060	7235	7299	3.79	cps
Sulfur	34-1	645752	633774	635887	638471	1.00	cps
Terbium	159-1	7119817	7105452	7106256	7110508	0.11	cps
Terbium	159-2	3501332	3516068	3537273	3518224	0.51	cps
Thallium	203-1	1075	775	983	945	16.28	cps
Thallium	205-1	1917	1950	1875	1914	1.96	cps
Thorium	232-1	2550	2345	2267	2387	6.13	cps
Tin	118-1	967	1375	1175	1172	17.42	cps
Titanium	47-1	517	592	333	481	27.66	cps
Uranium	238-1	2217	2392	2284	2298	3.85	cps
Vanadium	51-2	60	50	47	52	13.28	cps
Yttrium	89-1	14064726	13980797	13983250	14009591	0.34	cps
Yttrium	89-2	1921012	1945322	1935099	1933811	0.63	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4199-01	Instrumnet Name :	P7
Client Sample ID :	390730085	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:54:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1580	1787	1710	1692	6.17	cps
Zirconium	90-1	1375	1092	1225	1231	11.52	cps
Zirconium	91-1	417	275	308	333	22.22	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : PB122185BL Instrumnet Name : P7
 Client Sample ID : PB122185BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 14:59:22 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	92	75	78	16.37	cps
Antimony	121-1	417	558	442	472	16.01	cps
Arsenic	75-1	-233	242	66	25	966.17	cps
Barium	135-1	50	125	108	94	41.70	cps
Barium	137-1	150	175	100	142	26.96	cps
Beryllium	9-1	110	113	130	118	9.10	cps
Bismuth	209-1	4165606	4088373	4202909	4152296	1.41	cps
Bismuth	209-2	2580617	2614746	2616103	2603822	0.77	cps
Boron	10-1	2375	2250	1909	2178	11.09	cps
Boron	11-1	9779	9528	10037	9781	2.60	cps
Cadmium	111-1	2868	2811	2887	2856	1.38	cps
Cadmium	106-1	4059	3959	4117	4045	1.98	cps
Cadmium	108-1	21	8	17	15	41.67	cps
Calcium	43-1	192	192	158	181	10.66	cps
Calcium	44-1	5877	5352	5952	5727	5.71	cps
Chromium	52-2	220	223	217	220	1.52	cps
Cobalt	59-2	30	50	40	40	25.00	cps
Copper	63-2	423	487	427	446	8.00	cps
Dysprosium	156-1	42	42	25	36	26.65	cps
Dysprosium	156-2	23	37	7	22	67.63	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	53	73	67	64	15.80	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	107	127	117	117	8.57	cps
Holmium	165-1	6867355	6788446	7001090	6885630	1.56	cps
Holmium	165-2	3527720	3574079	3596972	3566257	0.99	cps
Indium	115-1	5453187	5335545	5509184	5432639	1.63	cps
Indium	115-2	1101882	1112026	1109937	1107948	0.48	cps
Iron	56-2	5396	5423	5724	5514	3.30	cps
Iron	57-2	156	217	156	176	20.06	cps
Krypton	83-1	130	163	123	139	15.43	cps
Lead	206-1	783	722	644	717	9.71	cps
Lead	207-1	678	689	845	737	12.64	cps
Lead	208-1	2689	2578	2611	2626	2.17	cps
Lithium	6-1	2436351	2381968	2435542	2417954	1.29	cps
Magnesium	24-2	625	892	825	781	17.78	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	PB122185BL	Instrumnet Name :	P7
Client Sample ID :	PB122185BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:59:22	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	60	47	56	13.85	cps
Molybdenum	94-1	425	333	367	375	12.37	cps
Molybdenum	95-1	308	242	300	283	12.82	cps
Molybdenum	96-1	367	317	408	364	12.61	cps
Molybdenum	97-1	192	192	108	164	29.36	cps
Molybdenum	98-1	483	392	467	447	10.92	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	47	60	40	49	20.83	cps
Phosphorus	31-2	33	83	25	47	66.82	cps
Potassium	39-2	9236	8786	9503	9175	3.95	cps
Rhodium	103-1	4985185	4921540	5097051	5001259	1.78	cps
Rhodium	103-2	2381222	2402194	2408204	2397206	0.59	cps
Scandium	45-1	3775546	3670593	3811487	3752542	1.95	cps
Scandium	45-2	149111	149831	149459	149467	0.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	39	33	36	7.77	cps
Selenium	82-1	49	-20	33	21	174.57	cps
Silicon	28-1	94170	93961	94087	94073	0.11	cps
Silver	109-1	133	50	108	97	43.99	cps
Silver	107-1	175	192	200	189	6.74	cps
Sodium	23-2	7886	7902	7194	7661	5.28	cps
Strontium	86-1	342	217	233	264	25.72	cps
Strontium	88-1	242	342	267	283	18.37	cps
Sulfur	34-1	139212	138084	144050	140448	2.26	cps
Terbium	159-1	7265402	7078930	7311684	7218672	1.71	cps
Terbium	159-2	3545255	3553935	3567764	3555651	0.32	cps
Thallium	203-1	592	608	833	678	19.91	cps
Thallium	205-1	1233	1175	1175	1195	2.82	cps
Thorium	232-1	2000	2111	1995	2035	3.23	cps
Tin	118-1	942	900	867	903	4.16	cps
Titanium	47-1	108	75	117	100	22.05	cps
Uranium	238-1	2442	2034	2100	2192	10.00	cps
Vanadium	51-2	23	20	23	22	8.65	cps
Yttrium	89-1	14515204	14302211	14522526	14446647	0.87	cps
Yttrium	89-2	1965256	1974193	1975484	1971644	0.28	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	PB122185BL	Instrumnet Name :	P7
Client Sample ID :	PB122185BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 14:59:22	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	173	210	167	183	12.73	cps
Zirconium	90-1	808	633	658	700	13.52	cps
Zirconium	91-1	200	58	108	122	58.78	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	PB122185BS	Instrumnet Name :	P7
Client Sample ID :	PB122185BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:02:58	DataFile Name :	036LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458479	457382	465433	460431	0.95	cps
Antimony	121-1	2251592	2216120	2228582	2232098	0.81	cps
Arsenic	75-1	519353	505890	518240	514494	1.45	cps
Barium	135-1	2910434	2904239	2928836	2914503	0.44	cps
Barium	137-1	5218695	5226347	5236386	5227143	0.17	cps
Beryllium	9-1	654264	647962	654175	652134	0.55	cps
Bismuth	209-1	3906223	3898422	4009501	3938048	1.57	cps
Bismuth	209-2	2457502	2495459	2585641	2512867	2.62	cps
Boron	10-1	92306	93228	96835	94123	2.54	cps
Boron	11-1	412281	423666	433015	422987	2.45	cps
Cadmium	111-1	633894	629429	627696	630340	0.51	cps
Cadmium	106-1	74229	73307	72318	73285	1.30	cps
Cadmium	108-1	47789	46510	47789	47362	1.56	cps
Calcium	43-1	773697	768009	768163	769956	0.42	cps
Calcium	44-1	12627672	12539244	12654572	12607162	0.48	cps
Chromium	52-2	624209	629116	640612	631312	1.33	cps
Cobalt	59-2	999464	1010837	1028770	1013024	1.46	cps
Copper	63-2	1389230	1405478	1413524	1402744	0.88	cps
Dysprosium	156-1	67	42	58	56	22.91	cps
Dysprosium	156-2	90	80	80	83	6.93	cps
Erbium	164-1	67	58	17	47	56.72	cps
Erbium	164-2	23	50	37	37	36.37	cps
Gadolinium	160-1	58	67	33	53	32.88	cps
Gadolinium	160-2	117	107	107	110	5.25	cps
Holmium	165-1	6797205	6859143	6872726	6843025	0.59	cps
Holmium	165-2	3515871	3554964	3671018	3580618	2.25	cps
Indium	115-1	5145290	5127535	5153393	5142073	0.26	cps
Indium	115-2	1035928	1045569	1087651	1056382	2.60	cps
Iron	56-2	26832399	26719206	27182859	26911488	0.90	cps
Iron	57-2	669817	675863	688004	677895	1.37	cps
Krypton	83-1	177	110	110	132	29.11	cps
Lead	206-1	1743251	1742491	1755115	1746953	0.41	cps
Lead	207-1	1580766	1570235	1585822	1578941	0.50	cps
Lead	208-1	7037166	6979150	7062962	7026426	0.61	cps
Lithium	6-1	2386980	2371597	2402596	2387058	0.65	cps
Magnesium	24-2	5276695	5261440	5360729	5299621	1.01	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	PB122185BS	Instrumnet Name :	P7
Client Sample ID :	PB122185BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:02:58	DataFile Name :	036LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	804866	813672	823221	813920	1.13	cps
Molybdenum	94-1	4843554	4822042	4845561	4837052	0.27	cps
Molybdenum	95-1	5982624	5924489	5954045	5953719	0.49	cps
Molybdenum	96-1	6689891	6599910	6642408	6644070	0.68	cps
Molybdenum	97-1	3606164	3565825	3577113	3583034	0.58	cps
Molybdenum	98-1	9655832	9600312	9562147	9606097	0.49	cps
Neodymium	150-1	227	227	200	218	7.07	cps
Neodymium	150-2	37	47	40	41	12.39	cps
Nickel	60-2	260392	262339	265777	262836	1.04	cps
Phosphorus	31-2	42	117	92	83	45.82	cps
Potassium	39-2	2393699	2414784	2456114	2421532	1.31	cps
Rhodium	103-1	4688001	4656530	4655962	4666831	0.39	cps
Rhodium	103-2	2220531	2252364	2333243	2268713	2.56	cps
Scandium	45-1	3557087	3582401	3538778	3559422	0.62	cps
Scandium	45-2	143449	145372	151468	146763	2.85	cps
Selenium	77-2	2097	2154	2110	2120	1.40	cps
Selenium	78-2	6798	7039	7244	7027	3.18	cps
Selenium	82-1	49070	49629	49707	49469	0.70	cps
Silicon	28-1	1692731	1677555	1688382	1686223	0.46	cps
Silver	109-1	2545275	2506231	2536987	2529498	0.81	cps
Silver	107-1	2647825	2624788	2623410	2632008	0.52	cps
Sodium	23-2	10065003	10092084	10217926	10125004	0.81	cps
Strontium	86-1	733237	722485	724751	726824	0.78	cps
Strontium	88-1	6530462	6464139	6521308	6505303	0.55	cps
Sulfur	34-1	155260	153896	154416	154524	0.45	cps
Terbium	159-1	7141528	7152689	7155308	7149842	0.10	cps
Terbium	159-2	3480467	3526314	3653663	3553482	2.53	cps
Thallium	203-1	2107301	2085537	2104715	2099184	0.57	cps
Thallium	205-1	5194768	5231679	5230764	5219071	0.40	cps
Thorium	232-1	3012	2895	2906	2937	2.19	cps
Tin	118-1	1991129	1958534	1969684	1973116	0.84	cps
Titanium	47-1	1667795	1647744	1673370	1662970	0.81	cps
Uranium	238-1	7116920	7211589	7230170	7186227	0.85	cps
Vanadium	51-2	513458	513672	521864	516331	0.93	cps
Yttrium	89-1	13998276	13881136	13974377	13951263	0.44	cps
Yttrium	89-2	1875755	1902475	1973161	1917130	2.63	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	PB122185BS	Instrumnet Name :	P7
Client Sample ID :	PB122185BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:02:58	DataFile Name :	036LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	225574	227325	230098	227666	1.00	cps
Zirconium	90-1	3894148	3739870	3720859	3784959	2.51	cps
Zirconium	91-1	858120	847649	853587	853119	0.62	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01 Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-A Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:06:34 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	783	767	842	797	4.94	cps
Antimony	121-1	2750	2917	2909	2859	3.29	cps
Arsenic	75-1	489	387	256	377	30.97	cps
Barium	135-1	27887	28647	28672	28402	1.57	cps
Barium	137-1	48703	48770	50241	49238	1.77	cps
Beryllium	9-1	257	280	257	264	5.10	cps
Bismuth	209-1	4076984	4054618	3947678	4026427	1.72	cps
Bismuth	209-2	2504168	2540081	2529024	2524424	0.73	cps
Boron	10-1	9653	8961	9036	9217	4.12	cps
Boron	11-1	43489	42511	40096	42032	4.15	cps
Cadmium	111-1	3358	3383	3497	3413	2.18	cps
Cadmium	106-1	4476	4518	4759	4584	3.34	cps
Cadmium	108-1	42	54	25	40	36.33	cps
Calcium	43-1	316534	312991	312737	314087	0.68	cps
Calcium	44-1	5167318	5146424	5159345	5157696	0.20	cps
Chromium	52-2	687	723	720	710	2.86	cps
Cobalt	59-2	173	280	263	239	24.02	cps
Copper	63-2	172399	177097	176251	175249	1.43	cps
Dysprosium	156-1	42	17	17	25	57.73	cps
Dysprosium	156-2	20	13	17	17	20.01	cps
Erbium	164-1	83	50	50	61	31.50	cps
Erbium	164-2	47	33	53	44	22.92	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Gadolinium	160-2	113	130	153	132	15.20	cps
Holmium	165-1	6914654	6831383	6897497	6881178	0.64	cps
Holmium	165-2	3509153	3569701	3541469	3540107	0.86	cps
Indium	115-1	5339142	5304393	5322498	5322011	0.33	cps
Indium	115-2	1059265	1089348	1075647	1074753	1.40	cps
Iron	56-2	158209	161084	159612	159635	0.90	cps
Iron	57-2	5457	5690	5796	5648	3.07	cps
Krypton	83-1	187	93	103	128	40.10	cps
Lead	206-1	2211	1906	2039	2052	7.47	cps
Lead	207-1	1978	1767	1784	1843	6.37	cps
Lead	208-1	8440	7651	7696	7929	5.59	cps
Lithium	6-1	2440612	2396925	2426022	2421186	0.92	cps
Magnesium	24-2	723132	738245	741209	734195	1.32	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:06:34	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31076	31394	31868	31446	1.27	cps
Molybdenum	94-1	2359	2117	1900	2125	10.79	cps
Molybdenum	95-1	3050	2659	2259	2656	14.91	cps
Molybdenum	96-1	2917	3059	2534	2837	9.58	cps
Molybdenum	97-1	1809	1575	1533	1639	9.04	cps
Molybdenum	98-1	4626	3817	3926	4123	10.65	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	863	843	940	882	5.78	cps
Phosphorus	31-2	2225	2250	2467	2314	5.74	cps
Potassium	39-2	140267	141730	143252	141750	1.05	cps
Rhodium	103-1	4842225	4761208	4843963	4815798	0.98	cps
Rhodium	103-2	2277323	2317786	2290305	2295138	0.90	cps
Scandium	45-1	3700443	3662875	3672198	3678505	0.53	cps
Scandium	45-2	145217	146279	144927	145474	0.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	28	30	29	3.68	cps
Selenium	82-1	-6	107	115	72	94.53	cps
Silicon	28-1	12489108	12472722	12451366	12471065	0.15	cps
Silver	109-1	550	542	433	508	12.80	cps
Silver	107-1	725	658	542	642	14.46	cps
Sodium	23-2	8595216	8741597	8729261	8688691	0.93	cps
Strontium	86-1	137712	133928	138057	136566	1.68	cps
Strontium	88-1	1179563	1160990	1188418	1176324	1.19	cps
Sulfur	34-1	239174	232029	232096	234433	1.75	cps
Terbium	159-1	7252006	7134698	7308503	7231736	1.23	cps
Terbium	159-2	3477961	3536739	3505414	3506705	0.84	cps
Thallium	203-1	1308	1350	950	1203	18.28	cps
Thallium	205-1	2667	2534	2159	2453	10.75	cps
Thorium	232-1	1800	1756	1822	1793	1.89	cps
Tin	118-1	2042	1800	2192	2011	9.83	cps
Titanium	47-1	1008	883	725	872	16.28	cps
Uranium	238-1	4034	3492	3301	3609	10.54	cps
Vanadium	51-2	250	230	277	252	9.28	cps
Yttrium	89-1	14160759	14043664	14270742	14158388	0.80	cps
Yttrium	89-2	1909006	1940465	1923855	1924442	0.82	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:06:34	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	75618	77042	76067	76242	0.95	cps
Zirconium	90-1	1642	1592	1659	1631	2.13	cps
Zirconium	91-1	350	358	258	322	17.22	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01DUP Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-ADU Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:10:10 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	567	567	717	617	14.04	cps
Antimony	121-1	1317	1275	1417	1336	5.45	cps
Arsenic	75-1	297	285	396	326	18.59	cps
Barium	135-1	28013	28288	27403	27901	1.62	cps
Barium	137-1	46972	50426	47691	48363	3.77	cps
Beryllium	9-1	103	100	90	98	7.10	cps
Bismuth	209-1	4001696	4080370	4040972	4041013	0.97	cps
Bismuth	209-2	2473496	2512501	2489767	2491921	0.79	cps
Boron	10-1	6343	6310	5718	6124	5.74	cps
Boron	11-1	28887	27025	27943	27952	3.33	cps
Cadmium	111-1	3384	3507	3017	3302	7.72	cps
Cadmium	106-1	4709	4901	4217	4609	7.65	cps
Cadmium	108-1	13	17	21	17	24.99	cps
Calcium	43-1	308728	315518	308131	310792	1.32	cps
Calcium	44-1	5096496	5223900	5128791	5149729	1.29	cps
Chromium	52-2	673	727	657	686	5.33	cps
Cobalt	59-2	173	150	160	161	7.27	cps
Copper	63-2	171094	173275	173458	172609	0.76	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	17	30	13	20	44.10	cps
Erbium	164-1	25	50	42	39	32.73	cps
Erbium	164-2	67	47	40	51	27.15	cps
Gadolinium	160-1	42	25	17	28	45.82	cps
Gadolinium	160-2	120	113	100	111	9.17	cps
Holmium	165-1	6808494	6892808	6827997	6843100	0.65	cps
Holmium	165-2	3482736	3515428	3494859	3497674	0.47	cps
Indium	115-1	5227391	5334769	5272655	5278272	1.02	cps
Indium	115-2	1061336	1068824	1057735	1062632	0.53	cps
Iron	56-2	153824	156194	154211	154743	0.82	cps
Iron	57-2	5457	5429	5540	5475	1.06	cps
Krypton	83-1	120	143	113	126	12.55	cps
Lead	206-1	1717	1706	1722	1715	0.49	cps
Lead	207-1	1345	1578	1667	1530	10.88	cps
Lead	208-1	6434	6784	6840	6686	3.29	cps
Lithium	6-1	2407482	2435808	2404886	2416059	0.71	cps
Magnesium	24-2	727029	736951	724438	729473	0.91	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01DUP Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-ADU Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:10:10 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30535	30926	30539	30667	0.73	cps
Molybdenum	94-1	1000	983	817	933	10.86	cps
Molybdenum	95-1	1400	1233	1125	1253	11.06	cps
Molybdenum	96-1	1308	1250	1383	1314	5.09	cps
Molybdenum	97-1	867	658	767	764	13.64	cps
Molybdenum	98-1	1909	2009	1992	1970	2.72	cps
Neodymium	150-1	7	33	13	18	78.05	cps
Neodymium	150-2	17	13	17	16	12.40	cps
Nickel	60-2	847	873	797	839	4.64	cps
Phosphorus	31-2	2059	1759	1934	1917	7.86	cps
Potassium	39-2	140710	140207	139517	140145	0.43	cps
Rhodium	103-1	4693217	4851431	4786807	4777152	1.67	cps
Rhodium	103-2	2266031	2288487	2271183	2275234	0.52	cps
Scandium	45-1	3524450	3716835	3634367	3625217	2.66	cps
Scandium	45-2	143052	145812	143066	143977	1.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	33	35	33	5.57	cps
Selenium	82-1	73	25	47	48	49.95	cps
Silicon	28-1	12262885	12455151	12396994	12371677	0.80	cps
Silver	109-1	108	158	167	144	21.84	cps
Silver	107-1	175	233	217	208	14.42	cps
Sodium	23-2	8628773	8648416	8563336	8613508	0.52	cps
Strontium	86-1	133054	134795	135107	134319	0.82	cps
Strontium	88-1	1170043	1174321	1160099	1168154	0.62	cps
Sulfur	34-1	227486	229298	224989	227258	0.95	cps
Terbium	159-1	7061674	7246404	7180834	7162971	1.31	cps
Terbium	159-2	3466463	3503455	3443618	3471179	0.87	cps
Thallium	203-1	733	650	625	669	8.47	cps
Thallium	205-1	1242	1292	1233	1256	2.51	cps
Thorium	232-1	1822	1722	1839	1795	3.52	cps
Tin	118-1	1350	1200	1075	1208	11.40	cps
Titanium	47-1	608	558	542	569	6.09	cps
Uranium	238-1	2409	2525	2509	2481	2.54	cps
Vanadium	51-2	220	200	237	219	8.39	cps
Yttrium	89-1	13927378	14311731	13995749	14078286	1.46	cps
Yttrium	89-2	1883472	1920967	1900629	1901689	0.99	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01DUP	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-ADU	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:10:10	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	75263	75819	74214	75099	1.09	cps
Zirconium	90-1	958	783	858	867	10.13	cps
Zirconium	91-1	208	158	142	169	20.48	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01LX5 Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-AL Dilution Factor : 5
 Date & Time Acquired :: 2019-08-12 15:13:46 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	200	183	189	5.10	cps
Antimony	121-1	550	542	458	517	9.81	cps
Arsenic	75-1	485	-6	-109	123	257.17	cps
Barium	135-1	6327	5826	5810	5988	4.91	cps
Barium	137-1	10363	9437	9787	9862	4.74	cps
Beryllium	9-1	130	83	87	100	26.03	cps
Bismuth	209-1	4203090	4121388	4158345	4160941	0.98	cps
Bismuth	209-2	2548381	2566473	2582602	2565818	0.67	cps
Boron	10-1	2592	2525	2867	2661	6.81	cps
Boron	11-1	12481	11630	11713	11941	3.93	cps
Cadmium	111-1	2978	3015	3097	3030	2.01	cps
Cadmium	106-1	4209	4226	4368	4267	2.04	cps
Cadmium	108-1	21	8	21	17	43.31	cps
Calcium	43-1	64508	62550	63604	63554	1.54	cps
Calcium	44-1	1042087	1025869	1023785	1030580	0.97	cps
Chromium	52-2	317	283	303	301	5.57	cps
Cobalt	59-2	63	33	87	61	43.76	cps
Copper	63-2	37114	36506	35767	36462	1.85	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	23	17	23	21	18.21	cps
Erbium	164-1	25	17	42	28	45.82	cps
Erbium	164-2	43	43	47	44	4.34	cps
Gadolinium	160-1	8	33	33	25	57.74	cps
Gadolinium	160-2	127	113	140	127	10.52	cps
Holmium	165-1	6999340	6961159	6887198	6949232	0.82	cps
Holmium	165-2	3529060	3550232	3542870	3540721	0.30	cps
Indium	115-1	5447781	5409775	5420845	5426134	0.36	cps
Indium	115-2	1080320	1089045	1097034	1088799	0.77	cps
Iron	56-2	34469	34268	33316	34018	1.81	cps
Iron	57-2	1106	1422	1122	1217	14.65	cps
Krypton	83-1	113	117	157	129	18.71	cps
Lead	206-1	972	911	883	922	4.93	cps
Lead	207-1	945	850	772	856	10.08	cps
Lead	208-1	3317	3272	3011	3200	5.16	cps
Lithium	6-1	2477790	2453252	2450890	2460644	0.61	cps
Magnesium	24-2	151752	152620	149690	151354	0.99	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01LX5	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-AL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-12 15:13:46	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6385	6805	6532	6574	3.24	cps
Molybdenum	94-1	475	483	433	464	5.77	cps
Molybdenum	95-1	475	458	417	450	6.68	cps
Molybdenum	96-1	433	450	392	425	7.07	cps
Molybdenum	97-1	250	283	250	261	7.37	cps
Molybdenum	98-1	625	592	583	600	3.67	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	220	187	200	202	8.30	cps
Phosphorus	31-2	575	425	558	519	15.83	cps
Potassium	39-2	35443	34758	34533	34911	1.36	cps
Rhodium	103-1	4969500	4946024	4931254	4948926	0.39	cps
Rhodium	103-2	2327782	2357672	2354498	2346651	0.70	cps
Scandium	45-1	3731504	3710501	3711977	3717994	0.32	cps
Scandium	45-2	146462	147592	147913	147322	0.52	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	33	43	15	30	46.77	cps
Selenium	82-1	39	77	-6	37	113.96	cps
Silicon	28-1	2575862	2545511	2546174	2555849	0.68	cps
Silver	109-1	125	100	142	122	17.16	cps
Silver	107-1	183	150	142	158	13.92	cps
Sodium	23-2	1728441	1720957	1735400	1728266	0.42	cps
Strontium	86-1	28270	27327	27870	27822	1.70	cps
Strontium	88-1	245161	239341	237726	240742	1.62	cps
Sulfur	34-1	156353	158475	156698	157176	0.72	cps
Terbium	159-1	7299473	7235551	7240027	7258350	0.49	cps
Terbium	159-2	3518157	3522724	3515095	3518659	0.11	cps
Thallium	203-1	533	658	625	606	10.69	cps
Thallium	205-1	1008	875	875	920	8.37	cps
Thorium	232-1	1678	1711	1672	1687	1.25	cps
Tin	118-1	1008	775	892	892	13.08	cps
Titanium	47-1	125	183	225	178	28.25	cps
Uranium	238-1	2400	2400	2334	2378	1.62	cps
Vanadium	51-2	50	50	50	50	0.00	cps
Yttrium	89-1	14410738	14309720	14318026	14346161	0.39	cps
Yttrium	89-2	1926065	1939334	1950904	1938767	0.64	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01LX5	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-AL	Dilution Factor :	5
Date & Time Acquired ::	2019-08-12 15:13:46	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16209	16283	16316	16269	0.34	cps
Zirconium	90-1	592	692	525	603	13.92	cps
Zirconium	91-1	83	92	125	100	22.05	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01MS Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-AMS Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:17:23 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84531	81254	85479	83754	2.65	cps
Antimony	121-1	3405855	3448529	3445084	3433156	0.69	cps
Arsenic	75-1	759887	767109	779672	768890	1.30	cps
Barium	135-1	253112	257079	257798	255996	0.99	cps
Barium	137-1	438619	442168	444218	441669	0.64	cps
Beryllium	9-1	248522	249887	249057	249155	0.28	cps
Bismuth	209-1	3986804	4026137	4066178	4026373	0.99	cps
Bismuth	209-2	2523223	2525595	2540050	2529623	0.36	cps
Boron	10-1	57644	58707	61400	59250	3.27	cps
Boron	11-1	257925	266775	272250	265650	2.72	cps
Cadmium	111-1	243062	246638	247447	245715	0.95	cps
Cadmium	106-1	25482	26142	26033	25886	1.37	cps
Cadmium	108-1	15918	16322	16764	16335	2.59	cps
Calcium	43-1	321061	324780	327466	324436	0.99	cps
Calcium	44-1	5267962	5306127	5341114	5305068	0.69	cps
Chromium	52-2	502456	497092	503704	501084	0.70	cps
Cobalt	59-2	403432	402544	407731	404569	0.69	cps
Copper	63-2	596194	583949	595183	591775	1.15	cps
Dysprosium	156-1	256862	265626	260952	261147	1.68	cps
Dysprosium	156-2	83056	81490	84659	83068	1.91	cps
Erbium	164-1	25	92	67	61	55.11	cps
Erbium	164-2	57	73	60	63	13.93	cps
Gadolinium	160-1	92	117	125	111	15.61	cps
Gadolinium	160-2	167	143	170	160	9.08	cps
Holmium	165-1	6825918	6861845	6931444	6873069	0.78	cps
Holmium	165-2	3556268	3573677	3575484	3568477	0.30	cps
Indium	115-1	5166373	5219376	5277240	5220997	1.06	cps
Indium	115-2	1054109	1046529	1061714	1054117	0.72	cps
Iron	56-2	3275353	3251986	3289698	3272346	0.58	cps
Iron	57-2	86890	84671	85884	85815	1.29	cps
Krypton	83-1	167	133	137	146	12.61	cps
Lead	206-1	3281635	3297263	3312986	3297295	0.48	cps
Lead	207-1	2921172	2920344	2938425	2926647	0.35	cps
Lead	208-1	13638871	13663736	13796626	13699744	0.62	cps
Lithium	6-1	2491491	2492058	2520976	2501508	0.67	cps
Magnesium	24-2	923682	911030	925758	920157	0.87	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01MS Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-AMS Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:17:23 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	183533	180272	183920	182575	1.10	cps
Molybdenum	94-1	510028	518895	518154	515692	0.95	cps
Molybdenum	95-1	898234	897219	899863	898439	0.15	cps
Molybdenum	96-1	957800	969418	965659	964292	0.61	cps
Molybdenum	97-1	564393	571866	559959	565406	1.06	cps
Molybdenum	98-1	1432995	1453356	1448807	1445053	0.74	cps
Neodymium	150-1	47	33	13	31	53.94	cps
Neodymium	150-2	27	17	13	19	36.75	cps
Nickel	60-2	261458	258124	264943	261508	1.30	cps
Phosphorus	31-2	16443	16068	16994	16501	2.82	cps
Potassium	39-2	1065124	1055849	1081463	1067479	1.21	cps
Rhodium	103-1	4685883	4735505	4756896	4726095	0.77	cps
Rhodium	103-2	2287076	2275182	2300165	2287475	0.55	cps
Scandium	45-1	3649481	3661260	3535003	3615248	1.93	cps
Scandium	45-2	145670	143046	145443	144720	1.00	cps
Selenium	77-2	8122	7692	8389	8068	4.36	cps
Selenium	78-2	27378	26790	27086	27085	1.09	cps
Selenium	82-1	193712	190389	194038	192713	1.05	cps
Silicon	28-1	14962460	15165959	15104514	15077644	0.69	cps
Silver	109-1	401645	404176	405237	403686	0.46	cps
Silver	107-1	420870	422978	425817	423222	0.59	cps
Sodium	23-2	9170700	8989904	9118013	9092873	1.02	cps
Strontium	86-1	434741	435143	431296	433727	0.49	cps
Strontium	88-1	3688236	3701854	3702159	3697416	0.22	cps
Sulfur	34-1	226749	224034	222636	224473	0.93	cps
Terbium	159-1	7142750	7234093	7224233	7200359	0.70	cps
Terbium	159-2	3543260	3543523	3549090	3545291	0.09	cps
Thallium	203-1	8542024	8648015	8853181	8681073	1.82	cps
Thallium	205-1	20255320	20670406	20850082	20591936	1.48	cps
Thorium	232-1	1889	1661	1911	1821	7.60	cps
Tin	118-1	2620138	2656570	2673024	2649911	1.02	cps
Titanium	47-1	133130	130522	132263	131972	1.01	cps
Uranium	238-1	2225	2159	2217	2200	1.65	cps
Vanadium	51-2	307865	304033	307037	306311	0.66	cps
Yttrium	89-1	13911685	13992271	14128841	14010932	0.78	cps
Yttrium	89-2	1906621	1906533	1911447	1908200	0.15	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01MS	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:17:23	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	117662	117622	119211	118165	0.77	cps
Zirconium	90-1	2667	2484	2234	2461	8.84	cps
Zirconium	91-1	1100	892	858	950	13.79	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01MSD Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-AMS Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:21:00 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85839	85259	85561	85553	0.34	cps
Antimony	121-1	3523946	3495803	3508246	3509332	0.40	cps
Arsenic	75-1	768838	768431	774860	770710	0.47	cps
Barium	135-1	262607	262502	262434	262514	0.03	cps
Barium	137-1	457620	453410	450965	453998	0.74	cps
Beryllium	9-1	252740	253688	252225	252885	0.29	cps
Bismuth	209-1	4094526	4105743	4016675	4072315	1.19	cps
Bismuth	209-2	2513627	2546153	2575072	2544951	1.21	cps
Boron	10-1	61267	63107	61778	62051	1.53	cps
Boron	11-1	277319	281843	278559	279240	0.84	cps
Cadmium	111-1	251733	252239	251012	251662	0.25	cps
Cadmium	106-1	26693	25975	25582	26083	2.16	cps
Cadmium	108-1	17056	16397	16673	16709	1.98	cps
Calcium	43-1	331560	329726	329563	330283	0.34	cps
Calcium	44-1	5401701	5421925	5460723	5428116	0.55	cps
Chromium	52-2	507601	509263	509678	508847	0.22	cps
Cobalt	59-2	408995	411528	413170	411231	0.51	cps
Copper	63-2	594128	600103	601112	598448	0.63	cps
Dysprosium	156-1	265640	262740	265078	264486	0.58	cps
Dysprosium	156-2	84970	86322	85289	85527	0.83	cps
Erbium	164-1	75	58	142	92	48.10	cps
Erbium	164-2	90	57	40	62	40.91	cps
Gadolinium	160-1	83	83	100	89	10.82	cps
Gadolinium	160-2	153	140	130	141	8.30	cps
Holmium	165-1	7018471	7033187	6802743	6951467	1.86	cps
Holmium	165-2	3557489	3601231	3587139	3581953	0.62	cps
Indium	115-1	5332019	5348731	5223978	5301576	1.28	cps
Indium	115-2	1064163	1059556	1073002	1065574	0.64	cps
Iron	56-2	3333372	3324063	3329777	3329071	0.14	cps
Iron	57-2	86884	87018	87627	87176	0.45	cps
Krypton	83-1	133	120	137	130	6.79	cps
Lead	206-1	3384062	3377490	3375029	3378860	0.14	cps
Lead	207-1	2987542	2978442	2981006	2982330	0.16	cps
Lead	208-1	14057053	14024281	14062982	14048106	0.15	cps
Lithium	6-1	2522355	2530830	2475062	2509416	1.20	cps
Magnesium	24-2	934782	939846	930061	934896	0.52	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01MSD Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-AMS Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:21:00 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	183285	185291	187549	185375	1.15	cps
Molybdenum	94-1	528981	524844	528186	527337	0.42	cps
Molybdenum	95-1	913747	920136	924826	919570	0.60	cps
Molybdenum	96-1	989156	986784	993715	989885	0.36	cps
Molybdenum	97-1	578747	582463	578022	579744	0.41	cps
Molybdenum	98-1	1487652	1478858	1473658	1480056	0.48	cps
Neodymium	150-1	53	20	27	33	52.92	cps
Neodymium	150-2	27	7	23	19	56.72	cps
Nickel	60-2	262539	264633	266414	264529	0.73	cps
Phosphorus	31-2	16710	16960	16994	16888	0.92	cps
Potassium	39-2	1086921	1076934	1098815	1087557	1.01	cps
Rhodium	103-1	4823319	4857304	4777882	4819502	0.83	cps
Rhodium	103-2	2306883	2301239	2324884	2311002	0.53	cps
Scandium	45-1	3704565	3715517	3656430	3692171	0.85	cps
Scandium	45-2	144803	145547	146313	145554	0.52	cps
Selenium	77-2	8189	8112	8089	8130	0.64	cps
Selenium	78-2	27589	27734	28244	27856	1.24	cps
Selenium	82-1	196790	195747	195641	196059	0.32	cps
Silicon	28-1	15337718	15329809	15348000	15338509	0.06	cps
Silver	109-1	414254	411677	411671	412534	0.36	cps
Silver	107-1	434862	433163	432866	433630	0.25	cps
Sodium	23-2	9220293	9192616	9198879	9203929	0.16	cps
Strontium	86-1	440813	447880	440291	442995	0.96	cps
Strontium	88-1	3961138	3974899	3977496	3971178	0.22	cps
Sulfur	34-1	219653	219147	218757	219185	0.21	cps
Terbium	159-1	7303582	7295387	7172651	7257206	1.01	cps
Terbium	159-2	3545299	3568486	3587962	3567249	0.60	cps
Thallium	203-1	8838757	8927263	8812610	8859544	0.68	cps
Thallium	205-1	21012884	21286306	20945475	21081555	0.86	cps
Thorium	232-1	1683	1706	1828	1739	4.47	cps
Tin	118-1	2721744	2709633	2701556	2710978	0.37	cps
Titanium	47-1	134567	135424	133928	134640	0.56	cps
Uranium	238-1	2209	2292	2009	2170	6.71	cps
Vanadium	51-2	312070	312725	311717	312171	0.16	cps
Yttrium	89-1	14279364	14329424	14008134	14205641	1.22	cps
Yttrium	89-2	1934854	1934551	1954034	1941146	0.58	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01MSD	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:21:00	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	120018	119951	121503	120491	0.73	cps
Zirconium	90-1	1592	1600	1842	1678	8.47	cps
Zirconium	91-1	808	758	850	806	5.70	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01A Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-AA Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:24:37 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86039	85218	86985	86081	1.03	cps
Antimony	121-1	3415588	3403306	3472716	3430537	1.08	cps
Arsenic	75-1	757675	761063	764219	760986	0.43	cps
Barium	135-1	256994	256808	255035	256279	0.42	cps
Barium	137-1	444158	434805	442923	440629	1.15	cps
Beryllium	9-1	246048	243585	250794	246809	1.48	cps
Bismuth	209-1	3983399	3835912	4008916	3942742	2.37	cps
Bismuth	209-2	2518592	2546739	2537009	2534114	0.56	cps
Boron	10-1	59568	62079	62631	61426	2.66	cps
Boron	11-1	273705	274794	280771	276423	1.38	cps
Cadmium	111-1	247063	247672	249577	248104	0.53	cps
Cadmium	106-1	26743	25666	26843	26417	2.47	cps
Cadmium	108-1	16501	15855	16710	16356	2.73	cps
Calcium	43-1	320992	317171	321449	319871	0.73	cps
Calcium	44-1	5300668	5260441	5335656	5298922	0.71	cps
Chromium	52-2	508540	515479	512334	512118	0.68	cps
Cobalt	59-2	412717	416398	414363	414493	0.44	cps
Copper	63-2	599099	603411	602117	601542	0.37	cps
Dysprosium	156-1	264726	265799	272554	267693	1.59	cps
Dysprosium	156-2	86278	87409	87929	87205	0.97	cps
Erbium	164-1	67	50	92	69	30.20	cps
Erbium	164-2	70	90	63	74	18.64	cps
Gadolinium	160-1	75	150	133	119	32.97	cps
Gadolinium	160-2	153	173	187	171	9.80	cps
Holmium	165-1	6776578	6719803	6882331	6792904	1.21	cps
Holmium	165-2	3555569	3600584	3580148	3578767	0.63	cps
Indium	115-1	5196432	5136498	5251426	5194785	1.11	cps
Indium	115-2	1068323	1069318	1067904	1068515	0.07	cps
Iron	56-2	3335739	3361876	3330579	3342732	0.50	cps
Iron	57-2	86682	88482	87482	87549	1.03	cps
Krypton	83-1	137	123	143	134	7.57	cps
Lead	206-1	3284308	3279421	3285633	3283121	0.10	cps
Lead	207-1	2883049	2881378	2886242	2883556	0.09	cps
Lead	208-1	13559700	13559935	13652226	13590620	0.39	cps
Lithium	6-1	2431241	2398242	2438063	2422516	0.88	cps
Magnesium	24-2	928560	932621	937737	932973	0.49	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-01A Instrumnet Name : P7
 Client Sample ID : BOYS-BATHROOM-AA Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:24:37 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	185625	185555	186333	185837	0.23	cps
Molybdenum	94-1	515378	505783	521365	514175	1.53	cps
Molybdenum	95-1	904241	895770	909088	903033	0.75	cps
Molybdenum	96-1	963173	955157	967846	962059	0.67	cps
Molybdenum	97-1	564052	562050	575524	567208	1.28	cps
Molybdenum	98-1	1442218	1434208	1460613	1445680	0.94	cps
Neodymium	150-1	27	60	67	51	41.93	cps
Neodymium	150-2	3	20	17	13	66.16	cps
Nickel	60-2	266674	268614	266789	267359	0.41	cps
Phosphorus	31-2	16326	16902	17586	16938	3.72	cps
Potassium	39-2	1090336	1099923	1108690	1099650	0.83	cps
Rhodium	103-1	4718961	4686676	4769700	4725112	0.89	cps
Rhodium	103-2	2297834	2319013	2312382	2309743	0.47	cps
Scandium	45-1	3539973	3584475	3648758	3591069	1.52	cps
Scandium	45-2	146838	148445	147846	147710	0.55	cps
Selenium	77-2	8416	8346	8302	8355	0.69	cps
Selenium	78-2	27843	28233	27853	27976	0.79	cps
Selenium	82-1	192397	189156	192406	191320	0.98	cps
Silicon	28-1	15053997	14846041	15295807	15065282	1.49	cps
Silver	109-1	408022	401435	405623	405027	0.82	cps
Silver	107-1	424788	420544	422121	422484	0.51	cps
Sodium	23-2	9219401	9158004	9244200	9207202	0.48	cps
Strontium	86-1	435290	433267	433583	434047	0.25	cps
Strontium	88-1	3712812	3901204	3941196	3851737	3.17	cps
Sulfur	34-1	229118	227961	234161	230413	1.43	cps
Terbium	159-1	7123071	7046142	7133619	7100944	0.67	cps
Terbium	159-2	3529584	3566292	3560049	3551975	0.55	cps
Thallium	203-1	8537615	8565092	8686950	8596553	0.92	cps
Thallium	205-1	20436082	20573741	20610648	20540157	0.45	cps
Thorium	232-1	1756	1811	1667	1745	4.18	cps
Tin	118-1	2630611	2602017	2647294	2626641	0.87	cps
Titanium	47-1	134525	132474	132382	133127	0.91	cps
Uranium	238-1	2334	2134	2459	2309	7.10	cps
Vanadium	51-2	312042	314410	314769	313741	0.47	cps
Yttrium	89-1	14001683	13971183	14097141	14023335	0.47	cps
Yttrium	89-2	1926554	1955414	1948084	1943351	0.77	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-01A	Instrumnet Name :	P7
Client Sample ID :	BOYS-BATHROOM-AA	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:24:37	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	120076	120321	122156	120851	0.94	cps
Zirconium	90-1	1283	1492	1467	1414	8.05	cps
Zirconium	91-1	700	692	767	719	5.71	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-03 Instrumnet Name : P7
 Client Sample ID : 1ST-FL-WATER-FOUNT/ Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:28:14 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	808	750	750	769	4.38	cps
Antimony	121-1	4209	4234	3817	4087	5.72	cps
Arsenic	75-1	943	798	480	740	32.01	cps
Barium	135-1	28421	27436	27996	27951	1.77	cps
Barium	137-1	49380	48503	49866	49250	1.40	cps
Beryllium	9-1	210	223	190	208	8.08	cps
Bismuth	209-1	3946241	3867624	3861592	3891819	1.21	cps
Bismuth	209-2	2459436	2489268	2504953	2484552	0.93	cps
Boron	10-1	9036	8203	8403	8547	5.09	cps
Boron	11-1	37773	37623	36637	37344	1.65	cps
Cadmium	111-1	3247	3267	3318	3277	1.12	cps
Cadmium	106-1	4426	4409	4526	4454	1.42	cps
Cadmium	108-1	67	46	42	51	26.06	cps
Calcium	43-1	315494	309457	310710	311887	1.02	cps
Calcium	44-1	5129818	5115088	5107067	5117324	0.23	cps
Chromium	52-2	800	743	710	751	6.06	cps
Cobalt	59-2	153	180	183	172	9.55	cps
Copper	63-2	116680	116442	116439	116520	0.12	cps
Dysprosium	156-1	117	200	125	147	31.17	cps
Dysprosium	156-2	50	37	40	42	16.43	cps
Erbium	164-1	67	50	33	50	33.34	cps
Erbium	164-2	33	63	40	46	34.58	cps
Gadolinium	160-1	17	8	42	22	78.07	cps
Gadolinium	160-2	107	160	113	127	22.94	cps
Holmium	165-1	6792112	6805261	6768411	6788595	0.28	cps
Holmium	165-2	3474163	3516428	3534228	3508273	0.88	cps
Indium	115-1	5392277	5321021	5376871	5363390	0.70	cps
Indium	115-2	1069195	1072760	1080160	1074038	0.52	cps
Iron	56-2	143213	143466	145350	144010	0.81	cps
Iron	57-2	5045	5207	5234	5162	1.98	cps
Krypton	83-1	110	117	157	128	19.75	cps
Lead	206-1	3184	2489	2439	2704	15.39	cps
Lead	207-1	2717	2367	2384	2489	7.93	cps
Lead	208-1	11674	10230	9879	10595	8.98	cps
Lithium	6-1	2354634	2339669	2356349	2350218	0.39	cps
Magnesium	24-2	712114	707956	713152	711074	0.39	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-03	Instrumnet Name :	P7
Client Sample ID :	1ST-FL-WATER-FOUNT/	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:28:14	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30802	31537	31564	31301	1.38	cps
Molybdenum	94-1	1017	1017	1042	1025	1.41	cps
Molybdenum	95-1	1425	1333	1375	1378	3.33	cps
Molybdenum	96-1	1550	1567	1408	1508	5.77	cps
Molybdenum	97-1	875	850	667	797	14.27	cps
Molybdenum	98-1	2392	1942	2100	2145	10.65	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	940	1077	1043	1020	6.99	cps
Phosphorus	31-2	1800	2034	2200	2011	9.99	cps
Potassium	39-2	137103	135203	138290	136865	1.14	cps
Rhodium	103-1	4871698	4856644	4818801	4849047	0.56	cps
Rhodium	103-2	2271612	2292266	2324298	2296059	1.16	cps
Scandium	45-1	3696352	3709930	3684216	3696833	0.35	cps
Scandium	45-2	145382	144840	145795	145339	0.33	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	39	28	22	30	28.65	cps
Selenium	82-1	149	141	100	130	20.26	cps
Silicon	28-1	12384731	12448023	12470554	12434436	0.36	cps
Silver	109-1	308	208	317	278	21.70	cps
Silver	107-1	300	367	267	311	16.37	cps
Sodium	23-2	8550632	8528263	8505263	8528053	0.27	cps
Strontium	86-1	137519	131507	134677	134568	2.24	cps
Strontium	88-1	1179086	1168916	1171660	1173221	0.45	cps
Sulfur	34-1	250218	248043	246878	248379	0.68	cps
Terbium	159-1	7147594	7120917	7150389	7139634	0.23	cps
Terbium	159-2	3448258	3471217	3522390	3480622	1.09	cps
Thallium	203-1	4976	4293	3651	4306	15.39	cps
Thallium	205-1	11247	10079	8453	9926	14.14	cps
Thorium	232-1	1884	1606	1767	1752	7.96	cps
Tin	118-1	3342	3226	2734	3100	10.42	cps
Titanium	47-1	608	567	583	586	3.58	cps
Uranium	238-1	2292	2450	2442	2395	3.72	cps
Vanadium	51-2	290	313	330	311	6.46	cps
Yttrium	89-1	14372879	14287095	14287077	14315684	0.35	cps
Yttrium	89-2	1917206	1934134	1946724	1932688	0.77	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-03	Instrumnet Name :	P7
Client Sample ID :	1ST-FL-WATER-FOUNT/	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:28:14	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	69260	69682	70995	69979	1.29	cps
Zirconium	90-1	700	625	675	667	5.73	cps
Zirconium	91-1	133	75	67	92	39.63	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CCV35 Instrumnet Name : P7
 Client Sample ID : CCV35 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:31:49 DataFile Name : 044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2291646	2281517	2281830	2284998	0.25	cps
Antimony	121-1	2223210	2210591	2176062	2203288	1.11	cps
Arsenic	75-1	482512	487129	486502	485381	0.52	cps
Barium	135-1	2840608	2846247	2811519	2832791	0.66	cps
Barium	137-1	5172071	5179361	5153149	5168193	0.26	cps
Beryllium	9-1	639508	638288	630919	636238	0.73	cps
Bismuth	209-1	3918395	3798670	3858475	3858514	1.55	cps
Bismuth	209-2	2416938	2474527	2426657	2439374	1.26	cps
Boron	10-1	92231	94813	94008	93684	1.41	cps
Boron	11-1	423717	427377	435761	428952	1.44	cps
Cadmium	111-1	613366	604252	601697	606438	1.01	cps
Cadmium	106-1	74646	73264	73332	73747	1.06	cps
Cadmium	108-1	47362	46464	46802	46876	0.97	cps
Calcium	43-1	3903734	3867101	3883679	3884838	0.47	cps
Calcium	44-1	62725620	62582435	62425095	62577717	0.24	cps
Chromium	52-2	634655	644423	638661	639246	0.77	cps
Cobalt	59-2	998121	994394	982792	991769	0.81	cps
Copper	63-2	1296096	1298218	1295019	1296444	0.13	cps
Dysprosium	156-1	108	67	25	67	62.50	cps
Dysprosium	156-2	63	73	80	72	11.62	cps
Erbium	164-1	42	33	83	53	50.76	cps
Erbium	164-2	37	30	43	37	18.18	cps
Gadolinium	160-1	58	58	25	47	40.76	cps
Gadolinium	160-2	147	137	147	143	4.03	cps
Holmium	165-1	7236655	6984892	7155289	7125612	1.80	cps
Holmium	165-2	3635155	3738552	3650413	3674707	1.52	cps
Indium	115-1	5317858	5174628	5246156	5246214	1.37	cps
Indium	115-2	1054541	1081171	1053604	1063105	1.47	cps
Iron	56-2	129518214	129352422	128663156	129177931	0.35	cps
Iron	57-2	3180664	3186576	3145715	3170985	0.70	cps
Krypton	83-1	143	143	137	141	2.73	cps
Lead	206-1	1715893	1700271	1683790	1699985	0.94	cps
Lead	207-1	1505204	1489742	1484396	1493114	0.72	cps
Lead	208-1	6806997	6745440	6719826	6757421	0.66	cps
Lithium	6-1	2434602	2362471	2414217	2403763	1.55	cps
Magnesium	24-2	25972832	25790388	25611710	25791643	0.70	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P7
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:31:49	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	779610	781462	776615	779229	0.31	cps
Molybdenum	94-1	5198379	5198875	5183025	5193427	0.17	cps
Molybdenum	95-1	6407561	6390673	6349932	6382722	0.46	cps
Molybdenum	96-1	7162148	7119009	7070083	7117080	0.65	cps
Molybdenum	97-1	3823780	3770232	3749802	3781271	1.01	cps
Molybdenum	98-1	10266400	10182955	10126381	10191912	0.69	cps
Neodymium	150-1	327	193	273	264	25.38	cps
Neodymium	150-2	33	33	80	49	55.12	cps
Nickel	60-2	251906	253717	252332	252652	0.37	cps
Phosphorus	31-2	24988	25089	25297	25125	0.63	cps
Potassium	39-2	12205130	12243196	12144448	12197592	0.41	cps
Rhodium	103-1	4695968	4497008	4628300	4607092	2.20	cps
Rhodium	103-2	2183646	2235289	2189956	2202964	1.28	cps
Scandium	45-1	3826909	3676662	3782502	3762024	2.05	cps
Scandium	45-2	148923	152843	149808	150525	1.37	cps
Selenium	77-2	2067	1947	2014	2009	2.99	cps
Selenium	78-2	6770	6655	6683	6703	0.89	cps
Selenium	82-1	48216	47486	47390	47698	0.95	cps
Silicon	28-1	1910602	1931110	1934946	1925553	0.68	cps
Silver	109-1	2552846	2550222	2528116	2543728	0.53	cps
Silver	107-1	2641013	2644743	2629372	2638376	0.30	cps
Sodium	23-2	51040933	50903811	50438859	50794534	0.62	cps
Strontium	86-1	786738	783545	778725	783003	0.52	cps
Strontium	88-1	7024453	7061660	7041774	7042629	0.26	cps
Sulfur	34-1	466222	469243	459798	465088	1.04	cps
Terbium	159-1	7521983	7364615	7466298	7450965	1.07	cps
Terbium	159-2	3604678	3677689	3588141	3623503	1.32	cps
Thallium	203-1	2096010	2087813	2082508	2088777	0.33	cps
Thallium	205-1	5238503	5221242	5175740	5211828	0.62	cps
Thorium	232-1	7814527	7813603	7820890	7816340	0.05	cps
Tin	118-1	1927962	1924180	1907684	1919942	0.56	cps
Titanium	47-1	1663424	1652206	1653529	1656386	0.37	cps
Uranium	238-1	7540005	7444847	7487570	7490807	0.64	cps
Vanadium	51-2	524057	529283	525061	526133	0.53	cps
Yttrium	89-1	14668526	14281304	14475249	14475027	1.34	cps
Yttrium	89-2	1950220	2012338	1952212	1971590	1.79	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P7
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:31:49	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	208343	208922	208503	208589	0.14	cps
Zirconium	90-1	4233034	4205641	4200446	4213040	0.42	cps
Zirconium	91-1	922113	910907	902034	911685	1.10	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CCB35 Instrumnet Name : P7
 Client Sample ID : CCB35 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:35:27 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492	517	425	478	9.92	cps
Antimony	121-1	3701	3334	3626	3553	5.45	cps
Arsenic	75-1	297	161	87	182	58.53	cps
Barium	135-1	908	975	775	886	11.49	cps
Barium	137-1	1942	1592	1283	1606	20.52	cps
Beryllium	9-1	450	343	340	378	16.56	cps
Bismuth	209-1	4175645	4116266	4148187	4146699	0.72	cps
Bismuth	209-2	2565076	2578093	2569385	2570851	0.26	cps
Boron	10-1	5385	5001	4968	5118	4.53	cps
Boron	11-1	25389	23970	22818	24059	5.35	cps
Cadmium	111-1	3609	3643	3530	3594	1.61	cps
Cadmium	106-1	4726	4926	4793	4815	2.11	cps
Cadmium	108-1	29	38	29	32	15.05	cps
Calcium	43-1	1450	1258	933	1214	21.52	cps
Calcium	44-1	27126	23737	21617	24160	11.50	cps
Chromium	52-2	340	357	290	329	10.55	cps
Cobalt	59-2	233	237	203	224	8.18	cps
Copper	63-2	763	723	683	723	5.53	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	17	17	27	20	28.86	cps
Erbium	164-1	17	58	50	42	52.91	cps
Erbium	164-2	37	70	30	46	47.04	cps
Gadolinium	160-1	67	50	25	47	44.41	cps
Gadolinium	160-2	120	163	140	141	15.37	cps
Holmium	165-1	6898999	6868705	6968266	6911990	0.74	cps
Holmium	165-2	3520478	3524053	3554317	3532949	0.53	cps
Indium	115-1	5508436	5537864	5565790	5537363	0.52	cps
Indium	115-2	1117001	1105655	1118921	1113859	0.64	cps
Iron	56-2	28083	28105	26597	27595	3.13	cps
Iron	57-2	761	717	917	798	13.16	cps
Krypton	83-1	137	140	130	136	3.76	cps
Lead	206-1	1300	1183	1133	1206	7.10	cps
Lead	207-1	1300	1172	1078	1183	9.43	cps
Lead	208-1	5189	4845	4317	4784	9.19	cps
Lithium	6-1	2491970	2472521	2475968	2480153	0.42	cps
Magnesium	24-2	4668	4651	4743	4687	1.04	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CCB35 Instrumnet Name : P7
 Client Sample ID : CCB35 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:35:27 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120	167	133	140	17.17	cps
Molybdenum	94-1	3000	2367	2284	2550	15.37	cps
Molybdenum	95-1	3834	3059	2725	3206	17.74	cps
Molybdenum	96-1	3926	3284	3142	3451	12.10	cps
Molybdenum	97-1	2592	1942	1742	2092	21.25	cps
Molybdenum	98-1	5535	4534	4293	4787	13.76	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	3	20	9	108.30	cps
Nickel	60-2	107	93	77	92	16.30	cps
Phosphorus	31-2	83	42	50	58	37.80	cps
Potassium	39-2	12247	11905	11772	11975	2.05	cps
Rhodium	103-1	5105005	5070925	5084903	5086944	0.34	cps
Rhodium	103-2	2412269	2408995	2425037	2415434	0.35	cps
Scandium	45-1	3835356	3853594	3860105	3849685	0.33	cps
Scandium	45-2	151661	152047	151472	151726	0.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	31	39	33	17.29	cps
Selenium	82-1	30	54	26	36	41.69	cps
Silicon	28-1	110549	109817	105831	108732	2.34	cps
Silver	109-1	1250	958	1050	1086	13.73	cps
Silver	107-1	1208	1025	1033	1089	9.51	cps
Sodium	23-2	17419	16927	16935	17094	1.65	cps
Strontium	86-1	458	450	367	425	11.93	cps
Strontium	88-1	2784	2084	2042	2303	18.10	cps
Sulfur	34-1	172765	173919	175210	173965	0.70	cps
Terbium	159-1	7277370	7273694	7268350	7273138	0.06	cps
Terbium	159-2	3508153	3509834	3533389	3517125	0.40	cps
Thallium	203-1	1975	1775	1600	1784	10.52	cps
Thallium	205-1	4176	4109	3159	3815	14.91	cps
Thorium	232-1	5485	4962	4807	5084	6.99	cps
Tin	118-1	2475	2384	2209	2356	5.75	cps
Titanium	47-1	900	700	542	714	25.15	cps
Uranium	238-1	4734	4201	3817	4251	10.83	cps
Vanadium	51-2	100	77	83	87	13.86	cps
Yttrium	89-1	14754756	14635271	14779874	14723300	0.52	cps
Yttrium	89-2	1994879	1976679	1998662	1990073	0.59	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P7
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:35:27	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	160	180	243	194	22.38	cps
Zirconium	90-1	2459	2259	1917	2211	12.39	cps
Zirconium	91-1	558	508	417	494	14.53	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-05 Instrumnet Name : P7
 Client Sample ID : GIRLS-BATHROOM-A Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:39:03 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883	917	858	886	3.30	cps
Antimony	121-1	1483	1609	1400	1497	7.00	cps
Arsenic	75-1	480	621	436	512	18.87	cps
Barium	135-1	28305	28271	26877	27818	2.93	cps
Barium	137-1	47951	46763	46387	47033	1.74	cps
Beryllium	9-1	117	160	133	137	15.99	cps
Bismuth	209-1	3842478	3840315	3747438	3810077	1.42	cps
Bismuth	209-2	2383251	2423152	2487886	2431429	2.17	cps
Boron	10-1	6160	6118	6135	6138	0.34	cps
Boron	11-1	27008	27626	27100	27245	1.22	cps
Cadmium	111-1	3179	3274	2949	3134	5.32	cps
Cadmium	106-1	4376	4584	4034	4331	6.41	cps
Cadmium	108-1	25	21	29	25	16.68	cps
Calcium	43-1	315928	313815	311626	313789	0.69	cps
Calcium	44-1	5229370	5181737	5151187	5187432	0.76	cps
Chromium	52-2	613	693	650	652	6.14	cps
Cobalt	59-2	103	143	150	132	19.09	cps
Copper	63-2	163656	165925	168369	165983	1.42	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	33	37	23	31	22.31	cps
Erbium	164-1	17	42	67	42	60.00	cps
Erbium	164-2	40	30	37	36	14.32	cps
Gadolinium	160-1	50	58	33	47	26.97	cps
Gadolinium	160-2	93	123	97	104	15.74	cps
Holmium	165-1	6714884	6703609	6693053	6703849	0.16	cps
Holmium	165-2	3376718	3435910	3511133	3441254	1.96	cps
Indium	115-1	5318964	5277375	5239505	5278615	0.75	cps
Indium	115-2	1045399	1054683	1089724	1063268	2.20	cps
Iron	56-2	165915	167944	172147	168669	1.88	cps
Iron	57-2	5646	5801	5640	5696	1.61	cps
Krypton	83-1	123	140	133	132	6.34	cps
Lead	206-1	1517	1200	1106	1274	16.90	cps
Lead	207-1	1350	1195	1228	1258	6.51	cps
Lead	208-1	5228	4717	4545	4830	7.36	cps
Lithium	6-1	2419630	2427659	2396765	2414685	0.66	cps
Magnesium	24-2	715968	726105	743693	728589	1.93	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-05	Instrumnet Name :	P7
Client Sample ID :	GIRLS-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:39:03	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	32496	33385	33932	33271	2.18	cps
Molybdenum	94-1	1342	1075	1175	1197	11.25	cps
Molybdenum	95-1	1625	1350	1167	1381	16.71	cps
Molybdenum	96-1	1900	1550	1542	1664	12.29	cps
Molybdenum	97-1	858	975	783	872	11.07	cps
Molybdenum	98-1	2059	1842	1917	1939	5.68	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	13	10	8	89.21	cps
Nickel	60-2	607	523	503	544	10.07	cps
Phosphorus	31-2	2342	2067	2317	2242	6.78	cps
Potassium	39-2	138575	139694	144127	140799	2.09	cps
Rhodium	103-1	4854337	4818742	4818707	4830595	0.43	cps
Rhodium	103-2	2240975	2257899	2318349	2272408	1.79	cps
Scandium	45-1	3770805	3748029	3703186	3740673	0.92	cps
Scandium	45-2	144268	146768	149128	146721	1.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	30	41	35	15.79	cps
Selenium	82-1	53	43	17	38	48.96	cps
Silicon	28-1	12741680	12749167	12477269	12656038	1.22	cps
Silver	109-1	267	200	175	214	22.15	cps
Silver	107-1	375	275	208	286	29.32	cps
Sodium	23-2	8582411	8641620	8848965	8690999	1.61	cps
Strontium	86-1	136476	133551	133431	134486	1.28	cps
Strontium	88-1	1170343	1158874	1152751	1160656	0.77	cps
Sulfur	34-1	258629	250294	245000	251308	2.73	cps
Terbium	159-1	7094233	7051821	6990327	7045461	0.74	cps
Terbium	159-2	3371588	3418051	3481554	3423731	1.61	cps
Thallium	203-1	767	858	717	781	9.20	cps
Thallium	205-1	1767	1517	1558	1614	8.30	cps
Thorium	232-1	2323	2367	2000	2230	8.98	cps
Tin	118-1	1467	1892	1492	1617	14.75	cps
Titanium	47-1	525	725	517	589	20.03	cps
Uranium	238-1	2400	2459	2267	2375	4.14	cps
Vanadium	51-2	300	260	247	269	10.32	cps
Yttrium	89-1	14240164	14233246	14108049	14193820	0.52	cps
Yttrium	89-2	1882460	1910824	1953210	1915498	1.86	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-05	Instrumnet Name :	P7
Client Sample ID :	GIRLS-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:39:03	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13089	13370	13526	13328	1.66	cps
Zirconium	90-1	1108	1367	925	1133	19.58	cps
Zirconium	91-1	292	275	175	247	25.52	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-07 Instrumnet Name : P7
 Client Sample ID : 2ND-FL-WATER-FOUNT Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:42:39 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	725	667	733	708	5.13	cps
Antimony	121-1	1183	1350	1258	1264	6.61	cps
Arsenic	75-1	397	408	552	452	19.19	cps
Barium	135-1	28530	27203	27545	27759	2.48	cps
Barium	137-1	47641	47239	48277	47719	1.10	cps
Beryllium	9-1	153	97	110	120	24.69	cps
Bismuth	209-1	3856583	3819427	3790372	3822128	0.87	cps
Bismuth	209-2	2465027	2485265	2478774	2476355	0.42	cps
Boron	10-1	5051	5460	5518	5343	4.76	cps
Boron	11-1	23603	22643	22868	23038	2.18	cps
Cadmium	111-1	2848	3221	3086	3052	6.18	cps
Cadmium	106-1	3976	4534	4359	4290	6.66	cps
Cadmium	108-1	50	58	46	51	12.39	cps
Calcium	43-1	307592	305009	304304	305635	0.57	cps
Calcium	44-1	5043244	5054647	5050738	5049543	0.11	cps
Chromium	52-2	723	707	643	691	6.11	cps
Cobalt	59-2	177	193	190	187	4.72	cps
Copper	63-2	173872	177307	175326	175502	0.98	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	13	10	27	17	52.93	cps
Erbium	164-1	33	50	83	56	45.83	cps
Erbium	164-2	33	43	20	32	36.33	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	123	97	113	111	12.13	cps
Holmium	165-1	6649377	6766297	6695872	6703849	0.88	cps
Holmium	165-2	3462526	3483373	3482204	3476034	0.34	cps
Indium	115-1	5222851	5284351	5286970	5264724	0.69	cps
Indium	115-2	1065182	1075723	1071660	1070855	0.50	cps
Iron	56-2	138160	139102	139725	138996	0.57	cps
Iron	57-2	4990	5357	4934	5094	4.51	cps
Krypton	83-1	90	107	137	111	21.28	cps
Lead	206-1	1733	1856	1617	1735	6.88	cps
Lead	207-1	1411	1478	1583	1491	5.83	cps
Lead	208-1	6351	6406	6262	6340	1.15	cps
Lithium	6-1	2402668	2408212	2412199	2407693	0.20	cps
Magnesium	24-2	711471	721267	717565	716768	0.69	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-07 Instrumnet Name : P7
 Client Sample ID : 2ND-FL-WATER-FOUNT Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 15:42:39 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30074	30224	30268	30189	0.34	cps
Molybdenum	94-1	883	1008	950	947	6.60	cps
Molybdenum	95-1	992	1125	1075	1064	6.33	cps
Molybdenum	96-1	1108	1250	1325	1228	8.96	cps
Molybdenum	97-1	567	592	492	550	9.46	cps
Molybdenum	98-1	1792	1734	1759	1761	1.66	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	10110	9690	9990	9930	2.18	cps
Phosphorus	31-2	1792	2159	1959	1970	9.32	cps
Potassium	39-2	138702	140846	139820	139789	0.77	cps
Rhodium	103-1	4744727	4772141	4808307	4775058	0.67	cps
Rhodium	103-2	2270398	2292740	2288314	2283817	0.52	cps
Scandium	45-1	3702334	3715261	3689756	3702450	0.34	cps
Scandium	45-2	145802	149283	146744	147277	1.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	31	52	36	40.18	cps
Selenium	82-1	77	103	31	70	51.73	cps
Silicon	28-1	12352894	12378814	12332181	12354630	0.19	cps
Silver	109-1	75	133	100	103	28.48	cps
Silver	107-1	200	175	208	194	8.92	cps
Sodium	23-2	8603684	8692691	8630034	8642136	0.53	cps
Strontium	86-1	131068	129816	131859	130914	0.79	cps
Strontium	88-1	1146598	1152973	1146206	1148593	0.33	cps
Sulfur	34-1	245779	246007	237955	243247	1.88	cps
Terbium	159-1	7008349	7096141	7064872	7056454	0.63	cps
Terbium	159-2	3430892	3462153	3466099	3453048	0.56	cps
Thallium	203-1	808	783	733	775	4.93	cps
Thallium	205-1	1292	1317	1442	1350	5.95	cps
Thorium	232-1	1889	1722	1789	1800	4.66	cps
Tin	118-1	1233	1217	1242	1231	1.03	cps
Titanium	47-1	592	592	483	556	11.26	cps
Uranium	238-1	2434	2700	2392	2509	6.67	cps
Vanadium	51-2	273	280	230	261	10.40	cps
Yttrium	89-1	14112676	14182011	14170768	14155151	0.26	cps
Yttrium	89-2	1909745	1922379	1938446	1923523	0.75	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-07	Instrumnet Name :	P7
Client Sample ID :	2ND-FL-WATER-FOUNT,	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:42:39	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	159177	159709	160831	159906	0.53	cps
Zirconium	90-1	833	942	950	908	7.17	cps
Zirconium	91-1	125	125	192	147	26.14	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-01	Instrumnet Name :	P7
Client Sample ID :	390805039	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:49:51	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3742	3859	3851	3817	1.71	cps
Antimony	121-1	14542	14108	14642	14430	1.97	cps
Arsenic	75-1	9903	9518	9428	9617	2.63	cps
Barium	135-1	2125	2292	2267	2228	4.04	cps
Barium	137-1	3726	4076	3217	3673	11.76	cps
Beryllium	9-1	83	127	67	92	33.58	cps
Bismuth	209-1	3546146	3515650	3523381	3528392	0.45	cps
Bismuth	209-2	2218093	2240375	2243144	2233871	0.61	cps
Boron	10-1	1151837	1183129	1206157	1180374	2.31	cps
Boron	11-1	5515507	5639924	5774904	5643445	2.30	cps
Cadmium	111-1	3093	2699	2680	2824	8.26	cps
Cadmium	106-1	4393	3792	3809	3998	8.55	cps
Cadmium	108-1	46	50	58	51	12.39	cps
Calcium	43-1	150914	153404	151534	151951	0.85	cps
Calcium	44-1	2413475	2417152	2411936	2414188	0.11	cps
Chromium	52-2	123031	123256	125371	123886	1.04	cps
Cobalt	59-2	47	47	57	50	11.55	cps
Copper	63-2	4437	4557	4567	4521	1.60	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	17	37	27	27	37.50	cps
Erbium	164-1	50	58	50	53	9.12	cps
Erbium	164-2	47	67	67	60	19.24	cps
Gadolinium	160-1	58	42	58	53	18.23	cps
Gadolinium	160-2	133	127	127	129	2.99	cps
Holmium	165-1	6405116	6438493	6447348	6430319	0.35	cps
Holmium	165-2	3316500	3348460	3366875	3343945	0.76	cps
Indium	115-1	4724089	4752392	4780230	4752237	0.59	cps
Indium	115-2	980201	990194	996511	988969	0.83	cps
Iron	56-2	10854	11410	12020	11428	5.10	cps
Iron	57-2	1139	1095	1261	1165	7.41	cps
Krypton	83-1	93	110	103	102	8.20	cps
Lead	206-1	3167	3062	3078	3102	1.83	cps
Lead	207-1	2661	2761	2806	2743	2.70	cps
Lead	208-1	12508	12102	12414	12341	1.72	cps
Lithium	6-1	2233233	2248660	2256656	2246183	0.53	cps
Magnesium	24-2	404787	406152	405640	405526	0.17	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-01	Instrumnet Name :	P7
Client Sample ID :	390805039	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:49:51	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	963	853	873	897	6.53	cps
Molybdenum	94-1	71889	70951	70826	71222	0.82	cps
Molybdenum	95-1	125531	125498	123740	124923	0.82	cps
Molybdenum	96-1	132805	132392	135000	133399	1.05	cps
Molybdenum	97-1	77402	78826	76396	77542	1.57	cps
Molybdenum	98-1	199715	200779	200415	200303	0.27	cps
Neodymium	150-1	33	47	80	53	45.07	cps
Neodymium	150-2	20	40	47	36	39.03	cps
Nickel	60-2	1740	1617	1733	1697	4.09	cps
Phosphorus	31-2	31852	33605	33121	32859	2.76	cps
Potassium	39-2	72108054	72537504	72723495	72456351	0.44	cps
Rhodium	103-1	4180404	4236721	4226998	4214708	0.71	cps
Rhodium	103-2	2010063	2035257	2041220	2028847	0.82	cps
Scandium	45-1	3255584	3275376	3302708	3277889	0.72	cps
Scandium	45-2	136956	136653	138907	137505	0.89	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	33	30	46	36	24.04	cps
Selenium	82-1	94	81	79	85	9.54	cps
Silicon	28-1	79575360	80659893	81606418	80613891	1.26	cps
Silver	109-1	925	767	742	811	12.26	cps
Silver	107-1	900	817	783	833	7.21	cps
Sodium	23-2	14167915	14155052	14242475	14188481	0.33	cps
Strontium	86-1	107979	109406	110633	109340	1.21	cps
Strontium	88-1	951323	953914	958488	954575	0.38	cps
Sulfur	34-1	246981	240823	239929	242578	1.58	cps
Terbium	159-1	6683948	6761600	6781352	6742300	0.76	cps
Terbium	159-2	3289610	3306373	3318399	3304794	0.44	cps
Thallium	203-1	633	592	800	675	16.33	cps
Thallium	205-1	1142	1100	1100	1114	2.16	cps
Thorium	232-1	2000	2017	2084	2034	2.17	cps
Tin	118-1	1067	992	1200	1086	9.72	cps
Titanium	47-1	5034	5084	5184	5101	1.50	cps
Uranium	238-1	24374	23172	22353	23300	4.36	cps
Vanadium	51-2	663032	666238	666769	665346	0.30	cps
Yttrium	89-1	12829614	12893055	13005976	12909549	0.69	cps
Yttrium	89-2	1798235	1806247	1826243	1810242	0.80	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-01	Instrumnet Name :	P7
Client Sample ID :	390805039	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:49:51	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1047	1000	1007	1018	2.48	cps
Zirconium	90-1	2175	1859	1742	1925	11.65	cps
Zirconium	91-1	517	442	550	503	11.04	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-02	Instrumnet Name :	P7
Client Sample ID :	390805030	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:53:28	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325	1267	1000	1197	14.47	cps
Antimony	121-1	32255	32673	32647	32525	0.72	cps
Arsenic	75-1	11659	11949	12177	11928	2.18	cps
Barium	135-1	24005	24497	24739	24414	1.53	cps
Barium	137-1	42056	42157	41998	42070	0.19	cps
Beryllium	9-1	83	100	97	93	9.45	cps
Bismuth	209-1	3703748	3688303	3702346	3698132	0.23	cps
Bismuth	209-2	2399113	2418799	2395573	2404495	0.52	cps
Boron	10-1	1427719	1448224	1465558	1447167	1.31	cps
Boron	11-1	6870536	6991426	7096888	6986283	1.62	cps
Cadmium	111-1	3128	3233	3177	3179	1.65	cps
Cadmium	106-1	4376	4493	4409	4426	1.36	cps
Cadmium	108-1	63	29	38	43	40.29	cps
Calcium	43-1	1249836	1251303	1254242	1251794	0.18	cps
Calcium	44-1	20736203	20806737	21160817	20901252	1.09	cps
Chromium	52-2	121049	122860	122064	121991	0.74	cps
Cobalt	59-2	153	140	97	130	22.79	cps
Copper	63-2	3214	3277	3214	3235	1.13	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	43	47	47	46	4.23	cps
Erbium	164-1	25	42	50	39	32.73	cps
Erbium	164-2	57	60	67	61	8.33	cps
Gadolinium	160-1	42	50	42	44	10.82	cps
Gadolinium	160-2	113	150	143	136	14.41	cps
Holmium	165-1	6639847	6726479	6742811	6703046	0.83	cps
Holmium	165-2	3510885	3535758	3525709	3524117	0.36	cps
Indium	115-1	5086975	5206186	5159803	5150988	1.17	cps
Indium	115-2	1077401	1068680	1075244	1073775	0.42	cps
Iron	56-2	12117	13167	13039	12775	4.49	cps
Iron	57-2	7308	7096	7358	7254	1.91	cps
Krypton	83-1	140	133	113	129	10.76	cps
Lead	206-1	1150	1161	1283	1198	6.18	cps
Lead	207-1	1095	1072	1000	1056	4.68	cps
Lead	208-1	4223	4106	4228	4186	1.65	cps
Lithium	6-1	2355435	2358081	2376289	2363268	0.48	cps
Magnesium	24-2	354608	361553	363592	359918	1.31	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-02	Instrumnet Name :	P7
Client Sample ID :	390805030	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:53:28	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1053	1143	1067	1088	4.47	cps
Molybdenum	94-1	100797	102088	101509	101465	0.64	cps
Molybdenum	95-1	175110	173973	176200	175095	0.64	cps
Molybdenum	96-1	189704	189281	190504	189830	0.33	cps
Molybdenum	97-1	111887	110879	111466	111411	0.45	cps
Molybdenum	98-1	281361	285687	286136	284394	0.93	cps
Neodymium	150-1	60	13	27	33	72.11	cps
Neodymium	150-2	27	43	23	31	34.44	cps
Nickel	60-2	1397	1350	1313	1353	3.09	cps
Phosphorus	31-2	26149	27101	26658	26636	1.79	cps
Potassium	39-2	19517455	19707426	19699357	19641413	0.55	cps
Rhodium	103-1	4589364	4647285	4641061	4625903	0.69	cps
Rhodium	103-2	2221054	2244340	2249096	2238163	0.67	cps
Scandium	45-1	3672908	3718223	3732074	3707735	0.83	cps
Scandium	45-2	147576	149391	149700	148889	0.77	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	52	43	44	46	10.59	cps
Selenium	82-1	77	49	143	90	53.66	cps
Silicon	28-1	84967333	85756175	86794894	85839467	1.07	cps
Silver	109-1	475	525	542	514	6.75	cps
Silver	107-1	558	567	450	525	12.40	cps
Sodium	23-2	15438850	15451141	15519890	15469960	0.28	cps
Strontium	86-1	894122	896987	912538	901216	1.10	cps
Strontium	88-1	8110489	8256962	8314478	8227310	1.28	cps
Sulfur	34-1	521515	529461	528186	526387	0.81	cps
Terbium	159-1	6923917	7062308	7073207	7019811	1.19	cps
Terbium	159-2	3471520	3512102	3496295	3493306	0.59	cps
Thallium	203-1	550	417	683	550	24.24	cps
Thallium	205-1	917	808	833	853	6.65	cps
Thorium	232-1	1856	1734	1806	1798	3.42	cps
Tin	118-1	917	875	933	908	3.31	cps
Titanium	47-1	4092	3942	4359	4131	5.11	cps
Uranium	238-1	8336	8303	8428	8356	0.78	cps
Vanadium	51-2	636514	641376	645502	641131	0.70	cps
Yttrium	89-1	13805293	14081009	14064339	13983547	1.11	cps
Yttrium	89-2	1957550	1970792	1963907	1964083	0.34	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-02	Instrumnet Name :	P7
Client Sample ID :	390805030	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:53:28	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1040	1070	1177	1096	6.56	cps
Zirconium	90-1	1442	1217	1242	1300	9.49	cps
Zirconium	91-1	325	333	233	297	18.67	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-03	Instrumnet Name :	P7
Client Sample ID :	390805050	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:57:06	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	563118	560624	554320	559354	0.81	cps
Antimony	121-1	2175	2759	2450	2461	11.86	cps
Arsenic	75-1	613	888	582	694	24.19	cps
Barium	135-1	41546	40502	41103	41050	1.28	cps
Barium	137-1	71409	71568	71409	71462	0.13	cps
Beryllium	9-1	63	80	90	78	17.32	cps
Bismuth	209-1	3820210	3807094	3792039	3806448	0.37	cps
Bismuth	209-2	2481093	2495954	2563555	2513534	1.75	cps
Boron	10-1	89273	82324	79953	83850	5.78	cps
Boron	11-1	418832	387918	366437	391062	6.74	cps
Cadmium	111-1	3632	3607	3382	3541	3.89	cps
Cadmium	106-1	4201	4384	4034	4206	4.16	cps
Cadmium	108-1	83	100	125	103	20.40	cps
Calcium	43-1	299283	297240	298485	298336	0.35	cps
Calcium	44-1	4871018	4925039	4880265	4892107	0.59	cps
Chromium	52-2	2944	3124	3137	3068	3.52	cps
Cobalt	59-2	1060	1283	1143	1162	9.71	cps
Copper	63-2	5753902	5714155	5669724	5712594	0.74	cps
Dysprosium	156-1	42	42	58	47	20.38	cps
Dysprosium	156-2	40	43	40	41	4.68	cps
Erbium	164-1	75	92	100	89	14.32	cps
Erbium	164-2	47	77	60	61	24.60	cps
Gadolinium	160-1	83	58	75	72	17.62	cps
Gadolinium	160-2	110	113	150	124	17.83	cps
Holmium	165-1	6398827	6425744	6402537	6409036	0.23	cps
Holmium	165-2	3372661	3382873	3474624	3410053	1.65	cps
Indium	115-1	5038352	5099051	5102074	5079825	0.71	cps
Indium	115-2	1048780	1049955	1075149	1057961	1.41	cps
Iron	56-2	847465	845566	835756	842929	0.75	cps
Iron	57-2	23146	23052	22507	22902	1.51	cps
Krypton	83-1	143	123	130	132	7.70	cps
Lead	206-1	194183	190614	191542	192113	0.96	cps
Lead	207-1	170433	165236	164224	166631	2.00	cps
Lead	208-1	771018	756563	758186	761922	1.04	cps
Lithium	6-1	2291626	2283417	2284746	2286596	0.19	cps
Magnesium	24-2	668689	665937	659840	664822	0.68	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-03	Instrumnet Name :	P7
Client Sample ID :	390805050	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:57:06	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	183374	182158	181538	182357	0.51	cps
Molybdenum	94-1	1875	1959	1767	1867	5.15	cps
Molybdenum	95-1	1258	1108	1117	1161	7.26	cps
Molybdenum	96-1	1300	1500	1567	1456	9.54	cps
Molybdenum	97-1	842	783	808	811	3.61	cps
Molybdenum	98-1	1792	1859	1633	1761	6.56	cps
Neodymium	150-1	53	60	67	60	11.11	cps
Neodymium	150-2	20	27	23	23	14.29	cps
Nickel	60-2	4471	4567	4391	4476	1.98	cps
Phosphorus	31-2	4959	5535	5151	5215	5.62	cps
Potassium	39-2	143287	140442	139239	140989	1.47	cps
Rhodium	103-1	4599004	4629046	4660451	4629500	0.66	cps
Rhodium	103-2	2201078	2212958	2268994	2227677	1.63	cps
Scandium	45-1	3627535	3661880	3476131	3588515	2.75	cps
Scandium	45-2	143961	144456	147145	145188	1.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	30	35	30	18.76	cps
Selenium	82-1	28	42	19	30	38.26	cps
Silicon	28-1	15621283	15575828	15593857	15596989	0.15	cps
Silver	109-1	808	675	600	694	15.20	cps
Silver	107-1	917	750	800	822	10.40	cps
Sodium	23-2	8260316	8270638	8164020	8231658	0.71	cps
Strontium	86-1	126200	127310	127116	126875	0.47	cps
Strontium	88-1	1102978	1100753	1099624	1101118	0.15	cps
Sulfur	34-1	232183	229779	230346	230769	0.54	cps
Terbium	159-1	6728441	6722698	6771183	6740774	0.39	cps
Terbium	159-2	3354065	3330806	3442218	3375696	1.74	cps
Thallium	203-1	517	525	517	519	0.93	cps
Thallium	205-1	892	875	933	900	3.34	cps
Thorium	232-1	1611	1639	1628	1626	0.86	cps
Tin	118-1	91773	89996	90935	90901	0.98	cps
Titanium	47-1	1308	1492	1359	1386	6.84	cps
Uranium	238-1	3367	3184	3167	3239	3.43	cps
Vanadium	51-2	880	853	880	871	1.77	cps
Yttrium	89-1	13718299	13731313	13764651	13738088	0.17	cps
Yttrium	89-2	1892354	1892761	1941163	1908759	1.47	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4300-03	Instrumnet Name :	P7
Client Sample ID :	390805050	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 15:57:06	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	464903	465255	463404	464521	0.21	cps
Zirconium	90-1	3109	3076	3334	3173	4.43	cps
Zirconium	91-1	650	700	750	700	7.14	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4299-01	Instrumnet Name :	P7
Client Sample ID :	390802013	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:00:43	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114126	115316	114596	114679	0.52	cps
Antimony	121-1	542	567	675	594	11.92	cps
Arsenic	75-1	425	604	501	510	17.66	cps
Barium	135-1	5735	5660	5560	5651	1.55	cps
Barium	137-1	10054	9679	10129	9954	2.42	cps
Beryllium	9-1	83	83	90	86	4.49	cps
Bismuth	209-1	3798454	3709921	3697517	3735298	1.47	cps
Bismuth	209-2	2430407	2467345	2448878	2448877	0.75	cps
Boron	10-1	37965	36629	34039	36211	5.51	cps
Boron	11-1	174090	165903	160166	166720	4.20	cps
Cadmium	111-1	8007	7389	7848	7748	4.14	cps
Cadmium	106-1	4818	4326	4701	4615	5.57	cps
Cadmium	108-1	446	450	467	454	2.43	cps
Calcium	43-1	152967	153783	151957	152902	0.60	cps
Calcium	44-1	2488296	2470327	2443142	2467255	0.92	cps
Chromium	52-2	663	633	607	634	4.47	cps
Cobalt	59-2	4978	5081	4951	5003	1.37	cps
Copper	63-2	1321630	1338888	1339778	1333432	0.77	cps
Dysprosium	156-1	50	83	83	72	26.65	cps
Dysprosium	156-2	17	47	30	31	48.31	cps
Erbium	164-1	75	100	100	92	15.75	cps
Erbium	164-2	83	77	73	78	6.54	cps
Gadolinium	160-1	108	33	92	78	50.64	cps
Gadolinium	160-2	170	163	157	163	4.08	cps
Holmium	165-1	6496592	6473110	6452051	6473918	0.34	cps
Holmium	165-2	3400079	3435186	3432444	3422569	0.57	cps
Indium	115-1	5183940	5152732	5129807	5155493	0.53	cps
Indium	115-2	1058889	1063981	1064116	1062329	0.28	cps
Iron	56-2	4952405	4967718	4940586	4953570	0.27	cps
Iron	57-2	124132	124277	127029	125146	1.30	cps
Krypton	83-1	127	120	130	126	4.06	cps
Lead	206-1	152138	150063	148458	150220	1.23	cps
Lead	207-1	126877	123417	125997	125430	1.43	cps
Lead	208-1	593736	581960	582436	586044	1.14	cps
Lithium	6-1	2347712	2316510	2301114	2321779	1.02	cps
Magnesium	24-2	346342	346870	349087	347433	0.42	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4299-01	Instrumnet Name :	P7
Client Sample ID :	390802013	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:00:43	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25719	26027	25890	25878	0.59	cps
Molybdenum	94-1	4618	5210	4809	4879	6.19	cps
Molybdenum	95-1	367	375	383	375	2.22	cps
Molybdenum	96-1	1183	1358	1425	1322	9.44	cps
Molybdenum	97-1	233	283	192	236	19.44	cps
Molybdenum	98-1	825	633	642	700	15.48	cps
Neodymium	150-1	60	73	67	67	10.00	cps
Neodymium	150-2	33	37	30	33	10.01	cps
Nickel	60-2	357091	363114	360188	360131	0.84	cps
Phosphorus	31-2	408	517	400	442	14.74	cps
Potassium	39-2	158961	161848	162094	160968	1.08	cps
Rhodium	103-1	4772106	4674981	4676330	4707806	1.18	cps
Rhodium	103-2	2249442	2274024	2258493	2260653	0.55	cps
Scandium	45-1	3672605	3663041	3633974	3656540	0.55	cps
Scandium	45-2	145597	145923	144476	145332	0.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	48	35	40	17.47	cps
Selenium	82-1	49	50	12	37	58.61	cps
Silicon	28-1	45968128	46490209	45867802	46108713	0.72	cps
Silver	109-1	183	208	250	214	15.75	cps
Silver	107-1	267	233	283	261	9.75	cps
Sodium	23-2	5148506	5148746	5142847	5146700	0.06	cps
Strontium	86-1	4726	4476	4418	4540	3.61	cps
Strontium	88-1	38536	37132	37985	37884	1.87	cps
Sulfur	34-1	205701	203250	202828	203926	0.76	cps
Terbium	159-1	6886172	6850406	6762485	6833021	0.93	cps
Terbium	159-2	3372436	3398215	3381624	3384092	0.39	cps
Thallium	203-1	525	525	533	528	0.91	cps
Thallium	205-1	967	908	925	933	3.22	cps
Thorium	232-1	1522	1533	1506	1521	0.92	cps
Tin	118-1	26309	25691	25390	25797	1.82	cps
Titanium	47-1	1967	2209	1925	2034	7.52	cps
Uranium	238-1	2317	2459	2467	2414	3.49	cps
Vanadium	51-2	547	553	450	517	11.19	cps
Yttrium	89-1	13916904	13816907	13834269	13856027	0.39	cps
Yttrium	89-2	1898601	1920707	1904317	1907875	0.60	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4299-01	Instrumnet Name :	P7
Client Sample ID :	390802013	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:00:43	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	791441	791479	795142	792687	0.27	cps
Zirconium	90-1	12556	12690	11397	12214	5.82	cps
Zirconium	91-1	3159	2684	2959	2934	8.13	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4299-02	Instrumnet Name :	P7
Client Sample ID :	390802011	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:04:20	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20431	19789	20473	20231	1.90	cps
Antimony	121-1	392	300	308	333	15.21	cps
Arsenic	75-1	401	262	493	385	30.21	cps
Barium	135-1	883	975	1017	958	7.12	cps
Barium	137-1	1558	1734	1675	1656	5.38	cps
Beryllium	9-1	57	57	70	61	12.59	cps
Bismuth	209-1	3765853	3716692	3705065	3729204	0.87	cps
Bismuth	209-2	2403975	2426976	2428534	2419828	0.57	cps
Boron	10-1	23294	22651	21533	22493	3.96	cps
Boron	11-1	104695	101801	97723	101406	3.45	cps
Cadmium	111-1	3300	3197	3246	3247	1.58	cps
Cadmium	106-1	3984	3951	3942	3959	0.56	cps
Cadmium	108-1	50	50	50	50	0.00	cps
Calcium	43-1	140586	140512	140226	140441	0.14	cps
Calcium	44-1	2274753	2259979	2240645	2258459	0.76	cps
Chromium	52-2	267	313	300	293	8.20	cps
Cobalt	59-2	903	1003	943	950	5.30	cps
Copper	63-2	425515	432086	430721	429441	0.81	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	7	23	20	17	52.90	cps
Erbium	164-1	25	50	58	44	39.04	cps
Erbium	164-2	70	67	47	61	20.65	cps
Gadolinium	160-1	33	50	33	39	24.75	cps
Gadolinium	160-2	127	153	143	141	9.55	cps
Holmium	165-1	6428029	6447253	6428031	6434438	0.17	cps
Holmium	165-2	3368855	3391509	3407137	3389167	0.57	cps
Indium	115-1	5099450	5150886	5125356	5125231	0.50	cps
Indium	115-2	1045820	1050296	1061412	1052509	0.76	cps
Iron	56-2	731579	730939	733153	731890	0.16	cps
Iron	57-2	19085	18918	18696	18900	1.03	cps
Krypton	83-1	100	117	117	111	8.66	cps
Lead	206-1	15031	14664	14931	14875	1.28	cps
Lead	207-1	12161	12223	12089	12158	0.55	cps
Lead	208-1	57194	56253	56414	56620	0.89	cps
Lithium	6-1	2323393	2322237	2308228	2317953	0.36	cps
Magnesium	24-2	299741	305140	307154	304012	1.26	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4299-02	Instrumnet Name :	P7
Client Sample ID :	390802011	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:04:20	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6018	5905	6138	6020	1.94	cps
Molybdenum	94-1	892	1042	983	972	7.78	cps
Molybdenum	95-1	358	400	383	381	5.51	cps
Molybdenum	96-1	550	508	525	528	3.97	cps
Molybdenum	97-1	192	183	200	192	4.35	cps
Molybdenum	98-1	650	525	542	572	11.86	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	36252	35994	37331	36526	1.94	cps
Phosphorus	31-2	267	333	217	272	21.50	cps
Potassium	39-2	162664	163187	165258	163703	0.84	cps
Rhodium	103-1	4684474	4700946	4676896	4687439	0.26	cps
Rhodium	103-2	2230324	2249453	2254148	2244642	0.56	cps
Scandium	45-1	3599612	3618570	3464360	3560847	2.36	cps
Scandium	45-2	142413	143029	143668	143037	0.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	43	24	38	31.63	cps
Selenium	82-1	49	1	38	29	87.11	cps
Silicon	28-1	37226670	37227990	37061468	37172043	0.26	cps
Silver	109-1	158	133	100	131	22.41	cps
Silver	107-1	192	108	200	167	30.41	cps
Sodium	23-2	4924379	4948034	4977702	4950038	0.54	cps
Strontium	86-1	2059	2092	2242	2131	4.58	cps
Strontium	88-1	17261	16210	16260	16577	3.58	cps
Sulfur	34-1	206613	204687	204476	205259	0.57	cps
Terbium	159-1	6779793	6846447	6805454	6810565	0.49	cps
Terbium	159-2	3341848	3390141	3375988	3369326	0.74	cps
Thallium	203-1	267	433	458	386	26.99	cps
Thallium	205-1	550	650	675	625	10.58	cps
Thorium	232-1	1567	1650	1511	1576	4.44	cps
Tin	118-1	5993	6243	5993	6077	2.38	cps
Titanium	47-1	2925	2725	2750	2800	3.89	cps
Uranium	238-1	2017	2200	2059	2092	4.59	cps
Vanadium	51-2	180	163	133	159	14.88	cps
Yttrium	89-1	13786034	13771349	13649609	13735664	0.55	cps
Yttrium	89-2	1875335	1883931	1911153	1890140	0.99	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4299-02	Instrumnet Name :	P7
Client Sample ID :	390802011	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:04:20	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	80748	81861	82313	81641	0.99	cps
Zirconium	90-1	2550	2309	2267	2375	6.44	cps
Zirconium	91-1	658	575	525	586	11.49	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : K4275-09 Instrumnet Name : P7
 Client Sample ID : FIELD-BLANK Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 16:07:56 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	125	142	122	17.16	cps
Antimony	121-1	67	125	158	117	39.77	cps
Arsenic	75-1	-20	3	-48	-22	-117.25	cps
Barium	135-1	100	117	142	119	17.56	cps
Barium	137-1	58	33	83	58	42.86	cps
Beryllium	9-1	77	90	77	81	9.49	cps
Bismuth	209-1	3732429	3693937	3700289	3708885	0.56	cps
Bismuth	209-2	2392576	2399933	2428107	2406872	0.78	cps
Boron	10-1	13106	13148	12255	12836	3.92	cps
Boron	11-1	60321	58874	61886	60360	2.50	cps
Cadmium	111-1	3055	2561	2896	2837	8.88	cps
Cadmium	106-1	4359	3617	4117	4031	9.39	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	408	350	433	397	10.77	cps
Calcium	44-1	9195	9028	9237	9154	1.21	cps
Chromium	52-2	507	487	447	480	6.36	cps
Cobalt	59-2	13	3	20	12	68.66	cps
Copper	63-2	757	807	700	754	7.07	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	17	7	20	14	48.02	cps
Erbium	164-1	58	17	33	36	58.08	cps
Erbium	164-2	63	70	67	67	5.00	cps
Gadolinium	160-1	33	67	50	50	33.34	cps
Gadolinium	160-2	93	117	103	104	11.21	cps
Holmium	165-1	6442470	6438302	6495845	6458872	0.50	cps
Holmium	165-2	3297987	3310113	3350527	3319542	0.83	cps
Indium	115-1	5105577	5050218	5144494	5100097	0.93	cps
Indium	115-2	1033804	1044472	1054534	1044270	0.99	cps
Iron	56-2	4145	4117	4184	4149	0.81	cps
Iron	57-2	228	217	167	204	15.98	cps
Krypton	83-1	133	127	113	124	8.18	cps
Lead	206-1	956	1100	1145	1067	9.26	cps
Lead	207-1	933	933	967	945	2.04	cps
Lead	208-1	3589	3973	3911	3824	5.39	cps
Lithium	6-1	2285594	2268427	2294983	2283001	0.59	cps
Magnesium	24-2	283	342	208	278	24.06	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-09	Instrumnet Name :	P7
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:07:56	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137	67	93	99	35.72	cps
Molybdenum	94-1	200	233	267	233	14.29	cps
Molybdenum	95-1	83	58	58	67	21.65	cps
Molybdenum	96-1	108	75	67	83	26.46	cps
Molybdenum	97-1	67	25	58	50	44.10	cps
Molybdenum	98-1	108	75	75	86	22.35	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	10	20	17	16	32.73	cps
Nickel	60-2	47	63	70	60	20.03	cps
Phosphorus	31-2	33	67	75	58	37.80	cps
Potassium	39-2	9587	10312	9595	9831	4.24	cps
Rhodium	103-1	4664856	4681523	4724661	4690347	0.66	cps
Rhodium	103-2	2216316	2237158	2244560	2232678	0.66	cps
Scandium	45-1	3440047	3413305	3441104	3431485	0.46	cps
Scandium	45-2	140064	141037	141663	140921	0.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	33	35	36	10.59	cps
Selenium	82-1	23	38	30	30	23.28	cps
Silicon	28-1	224486	223259	221042	222929	0.78	cps
Silver	109-1	83	67	58	69	18.33	cps
Silver	107-1	83	150	117	117	28.57	cps
Sodium	23-2	7352	7044	7269	7221	2.21	cps
Strontium	86-1	333	250	292	292	14.29	cps
Strontium	88-1	833	642	775	750	13.10	cps
Sulfur	34-1	133316	135611	137118	135348	1.41	cps
Terbium	159-1	6700445	6745202	6750774	6732141	0.41	cps
Terbium	159-2	3273032	3295468	3346775	3305092	1.14	cps
Thallium	203-1	442	392	350	394	11.64	cps
Thallium	205-1	492	642	592	575	13.28	cps
Thorium	232-1	1406	1672	1700	1593	10.21	cps
Tin	118-1	883	833	775	831	6.53	cps
Titanium	47-1	42	125	83	83	50.00	cps
Uranium	238-1	2175	2250	2142	2189	2.53	cps
Vanadium	51-2	37	30	30	32	11.95	cps
Yttrium	89-1	13589123	13602225	13672979	13621442	0.33	cps
Yttrium	89-2	1850340	1849958	1881733	1860677	0.98	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	K4275-09	Instrumnet Name :	P7
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:07:56	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	967	937	820	908	8.54	cps
Zirconium	90-1	675	692	650	672	3.12	cps
Zirconium	91-1	158	133	150	147	8.65	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P7
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:11:33	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2287418	2327496	2320887	2311934	0.93	cps
Antimony	121-1	2155952	2127481	2119722	2134385	0.89	cps
Arsenic	75-1	477633	478708	473232	476524	0.61	cps
Barium	135-1	2810793	2790176	2774407	2791792	0.65	cps
Barium	137-1	5122765	5108839	5095586	5109063	0.27	cps
Beryllium	9-1	643394	645945	641901	643747	0.32	cps
Bismuth	209-1	3813101	3792395	3751861	3785786	0.82	cps
Bismuth	209-2	2383716	2383739	2422204	2396553	0.93	cps
Boron	10-1	104300	105406	105208	104971	0.56	cps
Boron	11-1	469272	473894	481108	474758	1.26	cps
Cadmium	111-1	591390	588097	588010	589166	0.33	cps
Cadmium	106-1	71565	70669	69236	70490	1.67	cps
Cadmium	108-1	45381	44683	45135	45066	0.79	cps
Calcium	43-1	3882001	3872174	3839697	3864624	0.57	cps
Calcium	44-1	63344274	62530243	61854791	62576436	1.19	cps
Chromium	52-2	636548	638178	640173	638300	0.28	cps
Cobalt	59-2	981705	990564	983241	985170	0.48	cps
Copper	63-2	1277866	1287653	1288805	1284774	0.47	cps
Dysprosium	156-1	100	92	42	78	40.56	cps
Dysprosium	156-2	77	63	100	80	23.20	cps
Erbium	164-1	42	75	33	50	44.10	cps
Erbium	164-2	50	60	50	53	10.83	cps
Gadolinium	160-1	100	92	33	75	48.44	cps
Gadolinium	160-2	157	150	133	147	8.19	cps
Holmium	165-1	7070220	7038574	7072326	7060373	0.27	cps
Holmium	165-2	3599464	3611025	3663905	3624798	0.95	cps
Indium	115-1	5209268	5229738	5217249	5218752	0.20	cps
Indium	115-2	1042979	1053967	1059924	1052290	0.82	cps
Iron	56-2	129037958	128818028	130383128	129413038	0.65	cps
Iron	57-2	3153025	3160145	3164613	3159261	0.18	cps
Krypton	83-1	157	180	157	164	8.19	cps
Lead	206-1	1661529	1661973	1649991	1657831	0.41	cps
Lead	207-1	1466641	1465044	1458676	1463454	0.29	cps
Lead	208-1	6625315	6593386	6566708	6595136	0.44	cps
Lithium	6-1	2501494	2489943	2497151	2496196	0.23	cps
Magnesium	24-2	25728527	25964040	26197544	25963371	0.90	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CCV36 Instrumnet Name : P7
 Client Sample ID : CCV36 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 16:11:33 DataFile Name : 055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	777714	780558	785772	781348	0.52	cps
Molybdenum	94-1	5167017	5129535	5055988	5117513	1.10	cps
Molybdenum	95-1	6357334	6285898	6284747	6309327	0.66	cps
Molybdenum	96-1	7054992	6993112	6926947	6991684	0.92	cps
Molybdenum	97-1	3728080	3695011	3687215	3703436	0.59	cps
Molybdenum	98-1	10188656	10018052	10046905	10084538	0.91	cps
Neodymium	150-1	353	267	280	300	15.56	cps
Neodymium	150-2	53	43	43	47	12.37	cps
Nickel	60-2	247585	248491	249537	248538	0.39	cps
Phosphorus	31-2	25356	25264	24337	24985	2.25	cps
Potassium	39-2	12253928	12279574	12408292	12313931	0.67	cps
Rhodium	103-1	4608313	4569519	4535681	4571171	0.80	cps
Rhodium	103-2	2156926	2165447	2177455	2166609	0.48	cps
Scandium	45-1	3864092	3802889	3768428	3811803	1.27	cps
Scandium	45-2	148421	150003	150973	149799	0.86	cps
Selenium	77-2	1940	2157	1897	1998	6.97	cps
Selenium	78-2	6996	6824	6876	6899	1.28	cps
Selenium	82-1	47219	47052	46519	46930	0.78	cps
Silicon	28-1	1943461	1971084	1995059	1969868	1.31	cps
Silver	109-1	2508764	2482427	2471537	2487576	0.77	cps
Silver	107-1	2605554	2584169	2574027	2587917	0.62	cps
Sodium	23-2	50986145	51372906	51867394	51408815	0.86	cps
Strontium	86-1	777601	761226	754031	764286	1.58	cps
Strontium	88-1	6974348	6973128	6895135	6947537	0.65	cps
Sulfur	34-1	460710	458458	461157	460108	0.31	cps
Terbium	159-1	7456942	7391382	7439567	7429297	0.46	cps
Terbium	159-2	3532477	3568481	3594138	3565032	0.87	cps
Thallium	203-1	2056080	2021999	2037009	2038363	0.84	cps
Thallium	205-1	5149426	5146124	5107164	5134238	0.46	cps
Thorium	232-1	7682331	7696764	7608462	7662519	0.62	cps
Tin	118-1	1895555	1869430	1873410	1879465	0.75	cps
Titanium	47-1	1675736	1655866	1642050	1657884	1.02	cps
Uranium	238-1	7363708	7367236	7415170	7382038	0.39	cps
Vanadium	51-2	519557	524013	524339	522636	0.51	cps
Yttrium	89-1	14484004	14406622	14372987	14421205	0.39	cps
Yttrium	89-2	1939150	1960657	1962650	1954153	0.67	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P7
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2019-08-12 16:11:33	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	206330	207968	208777	207691	0.60	cps
Zirconium	90-1	4164642	4166663	4141582	4157629	0.34	cps
Zirconium	91-1	910962	897797	888769	899176	1.24	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CCB36 Instrumnet Name : P7
 Client Sample ID : CCB36 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-12 16:15:52 DataFile Name : 056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	125	158	144	12.01	cps
Antimony	121-1	2225	2250	2600	2359	8.89	cps
Arsenic	75-1	960	914	1072	982	8.27	cps
Barium	135-1	300	225	233	253	16.26	cps
Barium	137-1	475	500	342	439	19.39	cps
Beryllium	9-1	180	170	120	157	20.52	cps
Bismuth	209-1	3870606	3969548	3776641	3872265	2.49	cps
Bismuth	209-2	2447045	2501342	2479379	2475922	1.10	cps
Boron	10-1	9445	8569	8736	8917	5.21	cps
Boron	11-1	43321	42611	40823	42252	3.05	cps
Cadmium	111-1	2827	2968	3062	2952	4.02	cps
Cadmium	106-1	3934	4134	4293	4120	4.36	cps
Cadmium	108-1	21	13	25	19	32.73	cps
Calcium	43-1	492	358	433	428	15.62	cps
Calcium	44-1	10429	9571	8645	9548	9.35	cps
Chromium	52-2	267	273	230	257	9.09	cps
Cobalt	59-2	90	63	83	79	17.60	cps
Copper	63-2	607	610	557	591	5.05	cps
Dysprosium	156-1	42	8	8	19	99.00	cps
Dysprosium	156-2	10	13	30	18	60.28	cps
Erbium	164-1	17	58	25	33	66.14	cps
Erbium	164-2	37	37	27	33	17.32	cps
Gadolinium	160-1	58	33	25	39	44.62	cps
Gadolinium	160-2	117	90	107	104	12.90	cps
Holmium	165-1	6595455	6532588	6595384	6574476	0.55	cps
Holmium	165-2	3379226	3423480	3438573	3413760	0.90	cps
Indium	115-1	5231050	5178357	5225729	5211712	0.56	cps
Indium	115-2	1053873	1079537	1067401	1066937	1.20	cps
Iron	56-2	9064	9086	9148	9099	0.47	cps
Iron	57-2	283	383	350	339	15.02	cps
Krypton	83-1	153	143	117	138	13.76	cps
Lead	206-1	911	889	922	907	1.87	cps
Lead	207-1	911	844	828	861	5.12	cps
Lead	208-1	3378	3295	2989	3221	6.36	cps
Lithium	6-1	2431424	2398883	2392813	2407707	0.86	cps
Magnesium	24-2	1533	1417	1350	1433	6.47	cps

LB Number : LB104549 Operator : Jaswal
 Lab Sample ID : CCB36 Instrumnet Name : P7
 Client Sample ID : CCB36 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	70	47	57	21.21	cps
Molybdenum	94-1	1350	1200	1058	1203	12.13	cps
Molybdenum	95-1	1592	1433	1117	1381	17.52	cps
Molybdenum	96-1	1642	1608	1475	1575	5.60	cps
Molybdenum	97-1	750	883	900	845	9.74	cps
Molybdenum	98-1	2284	2167	2067	2172	4.99	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	63	63	57	61	6.29	cps
Phosphorus	31-2	33	25	33	31	15.74	cps
Potassium	39-2	10963	10421	10404	10596	3.00	cps
Rhodium	103-1	4798847	4749267	4777271	4775129	0.52	cps
Rhodium	103-2	2266747	2315578	2281958	2288094	1.09	cps
Scandium	45-1	3626539	3465796	3485866	3526067	2.48	cps
Scandium	45-2	144355	146176	144685	145072	0.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	31	35	36	13.02	cps
Selenium	82-1	20	10	65	31	93.71	cps
Silicon	28-1	148397	147083	147244	147575	0.49	cps
Silver	109-1	442	350	417	403	11.76	cps
Silver	107-1	483	350	375	403	17.60	cps
Sodium	23-2	10804	10262	10221	10429	3.12	cps
Strontium	86-1	283	342	217	281	22.29	cps
Strontium	88-1	892	858	492	747	29.70	cps
Sulfur	34-1	169940	171474	169715	170376	0.56	cps
Terbium	159-1	6963982	6892697	6909406	6922028	0.54	cps
Terbium	159-2	3355887	3414197	3408635	3392906	0.95	cps
Thallium	203-1	1050	933	883	956	8.95	cps
Thallium	205-1	1875	1542	1600	1672	10.65	cps
Thorium	232-1	3656	3562	3517	3578	1.98	cps
Tin	118-1	1383	1517	1508	1470	5.08	cps
Titanium	47-1	258	142	242	214	29.50	cps
Uranium	238-1	2717	2534	2542	2598	3.99	cps
Vanadium	51-2	50	40	57	49	17.16	cps
Yttrium	89-1	13889155	13858380	13752237	13833257	0.52	cps
Yttrium	89-2	1894430	1917544	1900590	1904188	0.63	cps

LB Number :	LB104549	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P7
Client Sample ID :	CCB36	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	220	193	180	198	10.30	cps
Zirconium	90-1	1417	1150	1092	1220	14.21	cps
Zirconium	91-1	233	358	275	289	22.03	cps