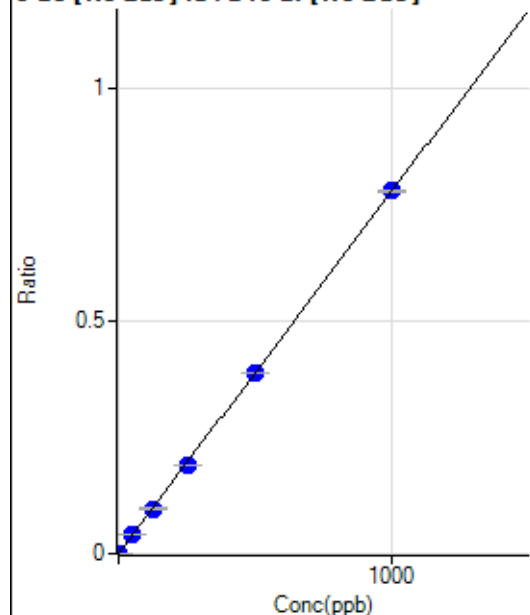


Batch Folder: D:\ICP-MS Data\P7072419-MS.b\
Analysis File: P7072419-MS.batch.bin
DA Date-Time: 2019-07-25 11:35:24
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-07-24 17:37:12
2	004CALS.d	S01	2019-07-24 17:40:48
3	005CALS.d	S02	2019-07-24 17:45:04
4	006CALS.d	S03	2019-07-24 17:49:01
5	007CALS.d	S04	2019-07-24 17:52:58
6	008CALS.d	S05	2019-07-24 17:56:54
7	009CALS.d	S06	2019-07-24 18:00:49
8	010CALS.d	S07	2019-07-24 18:04:42
9	011CALS.d	S08	2019-07-24 18:08:34

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.00	0.0000	P	22.3
2	☐	0.100	0.094	95.56	0.0001	P	2.5
3	☐	1.000	1.026	743.36	0.0008	P	4.9
4	☐	50.000	52.366	36229.89	0.0408	P	0.2
5	☐	125.000	124.740	84966.06	0.0970	P	1.4
6	☐	250.000	245.704	159395.17	0.1911	P	0.9
7	☐	500.000	498.318	307897.87	0.3875	P	0.7
8	☐	1000.000	1001.829	593787.60	0.7791	P	0.6
9	☐			111.12	0.0002	P	26.4

$$y = 7.7764\text{E-}004 * x + 3.4183\text{E-}005$$

$$R = 1.0000$$

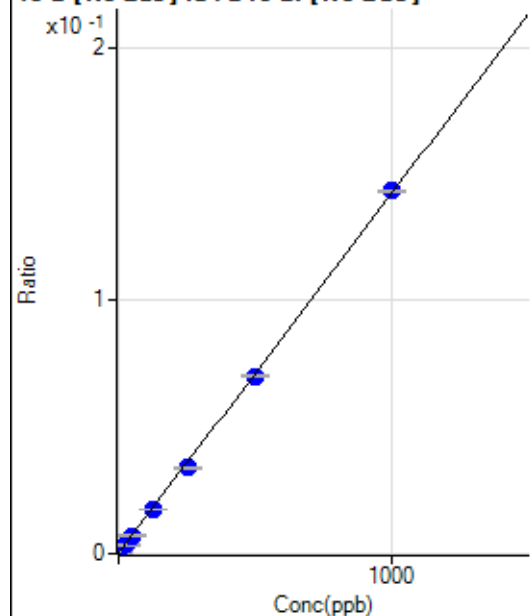
$$DL = 0.02935$$

$$BEC = 0.04396$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	213.90	0.0002	P	16.4
2	☐	2.500	2.064	477.81	0.0005	P	12.5
3	☐	25.000	22.915	3128.22	0.0035	P	6.6
4	☐	50.000	48.557	6348.82	0.0071	P	3.8
5	☐	125.000	119.981	15138.78	0.0173	P	0.7
6	☐	250.000	238.183	28430.41	0.0341	P	2.7
7	☐	500.000	492.302	55764.78	0.0702	P	0.9
8	☐	1000.000	1007.556	109287.96	0.1434	P	0.4
9	☐			5442.87	0.0075	P	4.2

$$y = 1.4208\text{E-}004 * x + 2.4374\text{E-}004$$

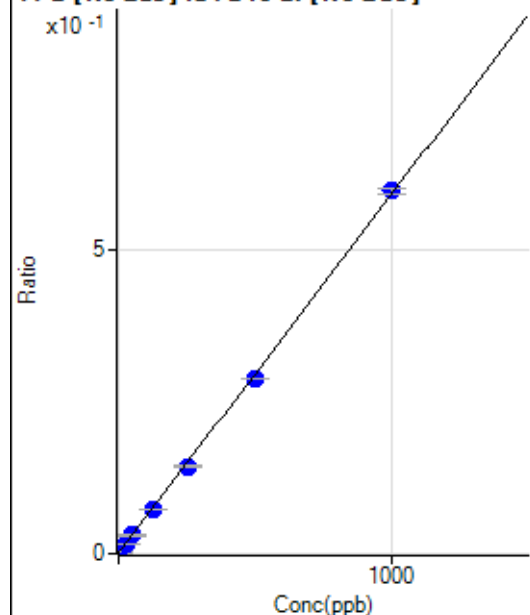
$$R = 0.9999$$

$$DL = 0.8423$$

$$BEC = 1.716$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	836.17	0.0010	P	5.2
2	☐	2.500	2.154	1977.99	0.0022	P	11.7
3	☐	25.000	23.650	13309.14	0.0149	P	0.6
4	☐	50.000	49.593	26827.48	0.0302	P	1.6
5	☐	125.000	120.020	62758.79	0.0717	P	1.1
6	☐	250.000	241.205	119358.24	0.1431	P	2.0
7	☐	500.000	486.545	228562.53	0.2877	P	0.6
8	☐	1000.000	1009.604	454179.05	0.5959	P	1.3
9	☐			22576.04	0.0311	P	8.9

$$y = 5.8932E-004 * x + 9.5259E-004$$

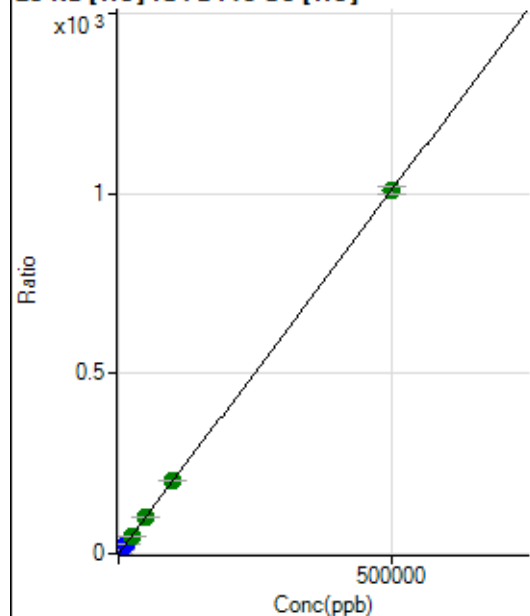
$$R = 0.9998$$

$$DL = 0.254$$

$$BEC = 1.616$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2650.34	0.0442	P	4.5
2	☐	50.000	47.487	8519.38	0.1400	P	5.8
3	☐	500.000	508.408	64567.07	1.0694	P	0.9
4	☐	5000.000	5128.896	597143.19	10.3857	P	1.5
5	☐	12500.000	12183.274	1384027.35	24.6094	P	0.6
6	☐	25000.000	23979.880	2563957.09	48.3950	A	1.1
7	☐	50000.000	51232.533	5154702.63	103.3446	A	0.9
8	☐	100000.00	101342.45	10236554.0	204.3815	A	1.2
9	☐	500000.00	499665.88	50072227.5	1,007.522	A	2.2

$$y = 0.0020 * x + 0.0442$$

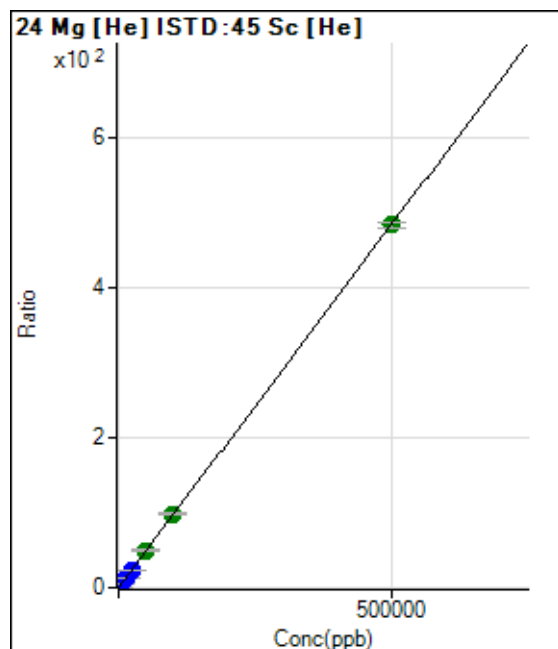
$$R = 1.0000$$

$$DL = 2.947$$

$$BEC = 21.94$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0007	P	69.4
2	☐	50.000	51.745	3086.55	0.0507	P	1.3
3	☐	500.000	528.167	30885.23	0.5115	P	1.1
4	☐	5000.000	5329.220	296416.57	5.1554	P	1.7
5	☐	12500.000	12720.826	692039.56	12.3050	P	0.9
6	☐	25000.000	24487.370	1254886.54	23.6863	P	1.2
7	☐	50000.000	51624.510	2490683.82	49.9349	A	1.0
8	☐	100000.00	101475.14	4915998.07	98.1533	A	1.4
9	☐	500000.00	499559.31	24015368.2	483.2036	A	1.8

$$y = 9.6726\text{E-}004 * x + 6.5211\text{E-}004$$

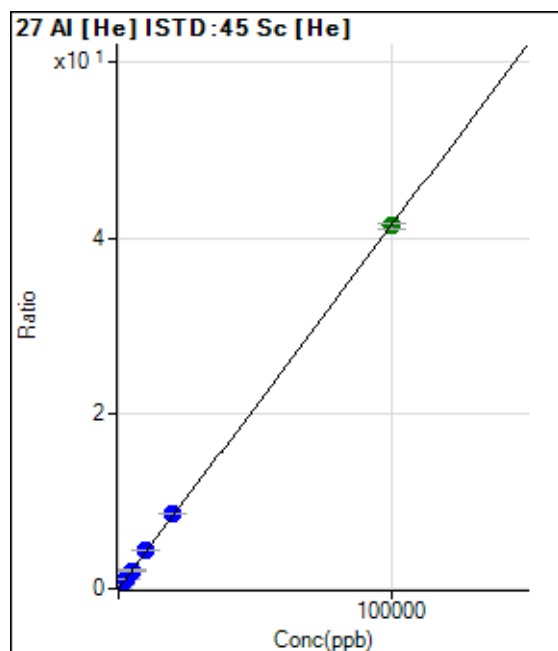
$$R = 1.0000$$

$$DL = 1.404$$

$$BEC = 0.6742$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0002	P	91.6
2	☐	2.000	1.971	63.89	0.0010	P	53.8
3	☐	20.000	20.103	516.70	0.0086	P	4.1
4	☐	1000.000	1051.097	25054.94	0.4356	P	1.0
5	☐	2500.000	2518.462	58682.51	1.0435	P	1.6
6	☐	5000.000	4989.679	109512.40	2.0672	P	2.0
7	☐	10000.000	10434.776	215612.81	4.3228	P	1.2
8	☐	20000.000	20620.650	427857.74	8.5422	P	1.4
9	☐	100000.00	99831.936	2055328.93	41.3550	A	1.9

$$y = 4.1424\text{E-}004 * x + 2.2985\text{E-}004$$

$$R = 1.0000$$

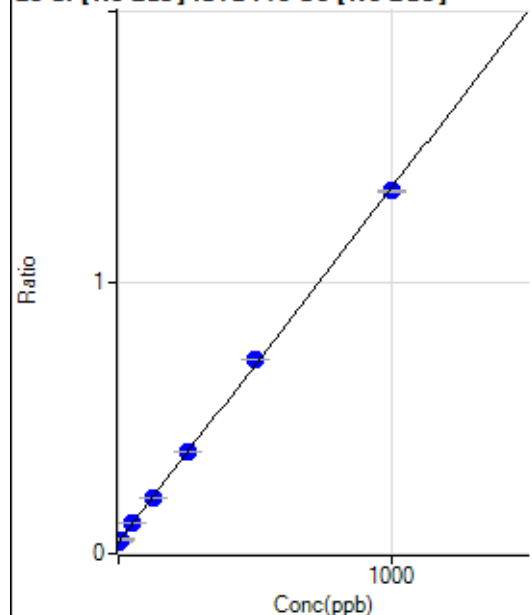
$$DL = 1.525$$

$$BEC = 0.5549$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56226.04	0.0438	P	1.7
2	☒	1.000		56169.80	0.0432	P	1.8
3	☐	10.000	7.086	69383.60	0.0531	P	1.6
4	☐	50.000	53.309	144649.42	0.1134	P	1.3
5	☐	125.000	123.003	254734.73	0.2044	P	0.8
6	☐	250.000	254.851	434144.73	0.3765	P	0.4
7	☐	500.000	514.476	789166.72	0.7154	P	0.5
8	☐	1000.000	991.663	1424883.20	1.3384	P	0.4
9	☐			110886.53	0.1034	P	0.5

$$y = 0.0013 * x + 0.0438$$

$$R = 0.9998$$

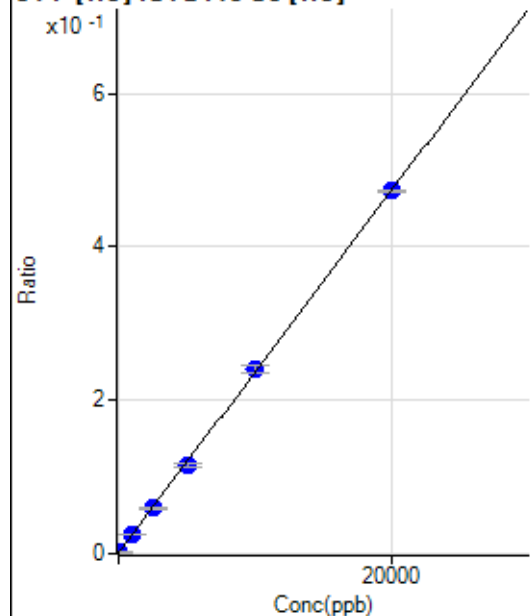
$$DL = 1.676$$

$$BEC = 33.59$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-15.438	38.89	0.0007	P	26.4
2	☒	0.000		50.00	0.0008	P	49.4
3	☐	0.000	15.438	83.34	0.0014	P	49.9
4	☐	1000.000	1049.560	1483.48	0.0258	P	3.5
5	☐	2500.000	2474.680	3344.95	0.0595	P	3.8
6	☐	5000.000	4853.487	6126.50	0.1157	P	3.7
7	☐	10000.000	10120.516	11974.65	0.2401	P	4.0
8	☐	20000.000	19977.058	23686.12	0.4729	P	0.5
9	☐			47.22	0.0009	P	80.2

$$y = 2.3620E-005 * x + 0.0010$$

$$R = 0.9999$$

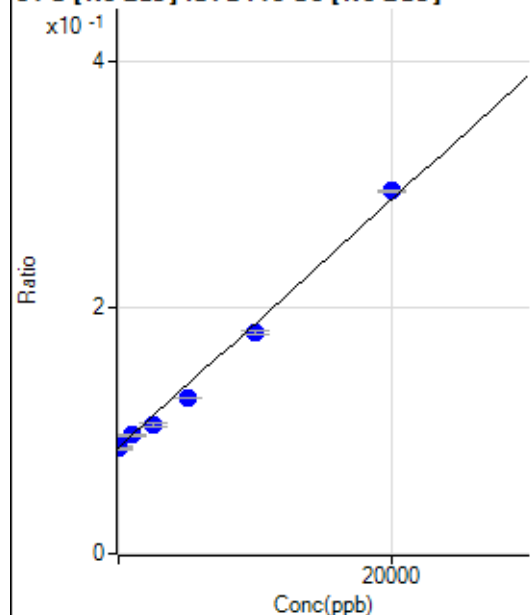
$$DL = 54.71$$

$$BEC = 43$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	90.708	112233.61	0.0875	P	0.4
2	☒	0.000		112608.64	0.0867	P	1.0
3	☐	0.000	-90.708	111982.53	0.0857	P	1.4
4	☐	1000.000	957.751	122732.24	0.0962	P	0.9
5	☐	2500.000	1797.367	130469.05	0.1047	P	2.0
6	☐	5000.000	3995.604	146243.86	0.1268	P	0.8
7	☐	10000.000	9290.759	198705.45	0.1801	P	1.8
8	☐	20000.000	20695.661	314041.78	0.2950	P	0.3
9	☐			79314.29	0.0739	P	0.7

$$y = 1.0068\text{E-}005 * x + 0.0866$$

$$R = 0.9974$$

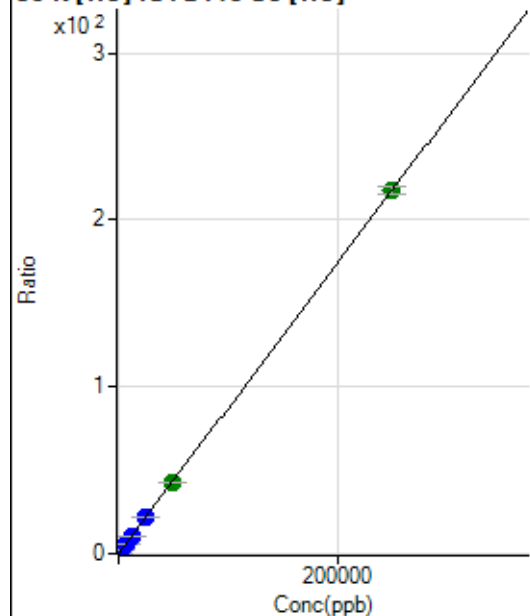
$$DL = 231.6$$

$$BEC = 8602$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4217.46	0.0704	P	5.2
2	☐	50.000	49.741	6918.58	0.1136	P	1.6
3	☐	500.000	499.230	30429.16	0.5040	P	0.8
4	☐	2500.000	2583.362	133041.22	2.3138	P	1.3
5	☐	6250.000	6134.404	303558.57	5.3975	P	1.0
6	☐	12500.000	12034.153	557370.32	10.5207	P	1.6
7	☐	25000.000	25515.256	1108715.59	22.2275	P	0.3
8	☐	50000.000	49119.257	2139932.32	42.7249	A	1.1
9	☐	250000.00	250149.97	10799317.2	217.2973	A	2.1

$$y = 8.6839\text{E-}004 * x + 0.0704$$

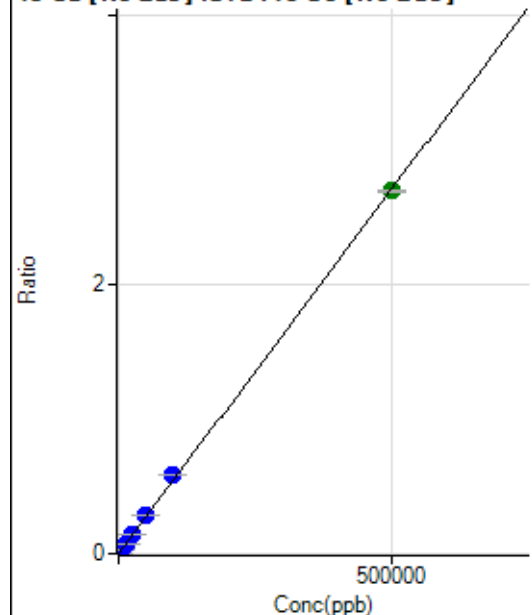
$$R = 1.0000$$

$$DL = 12.56$$

$$BEC = 81.13$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	54.1
2	☐	50.000	47.648	400.02	0.0003	P	14.6
3	☐	500.000	481.531	3475.56	0.0027	P	5.4
4	☐	5000.000	5261.498	36429.09	0.0286	P	0.3
5	☐	12500.000	12571.298	84977.35	0.0682	P	1.0
6	☐	25000.000	25988.583	162476.88	0.1409	P	0.7
7	☐	50000.000	52986.585	316847.47	0.2872	P	0.5
8	☐	100000.00	107899.85	622702.50	0.5849	P	0.7
9	☐	500000.00	498067.56	2896451.67	2.6997	A	0.2

$$y = 5.4202\text{E-}006 * x + 4.9749\text{E-}005$$

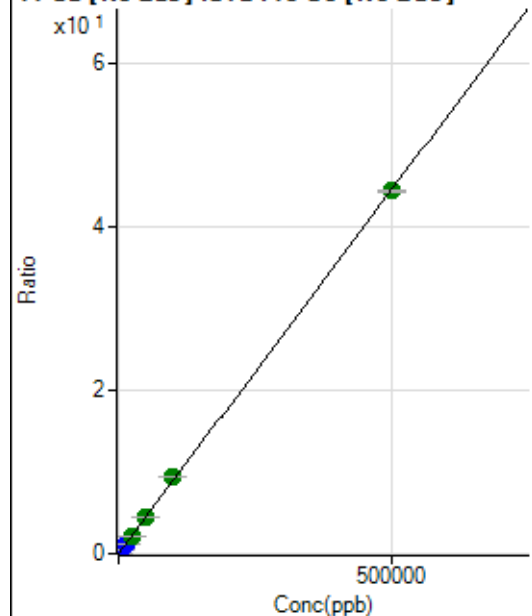
$$R = 0.9999$$

$$DL = 14.9$$

$$BEC = 9.179$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2739.30	0.0021	P	3.3
2	☐	50.000	48.230	8344.35	0.0064	P	2.1
3	☐	500.000	488.400	59534.50	0.0456	P	2.4
4	☐	5000.000	5125.742	583828.54	0.4578	P	0.8
5	☐	12500.000	12124.572	1346051.65	1.0801	P	1.0
6	☐	25000.000	25006.040	2565891.53	2.2253	A	0.4
7	☐	50000.000	51200.331	5023515.00	4.5542	A	0.5
8	☐	100000.00	105602.16	9998077.74	9.3909	A	0.6
9	☐	500000.00	498767.37	47578471.5	44.3459	A	0.3

$$y = 8.8907\text{E-}005 * x + 0.0021$$

$$R = 0.9999$$

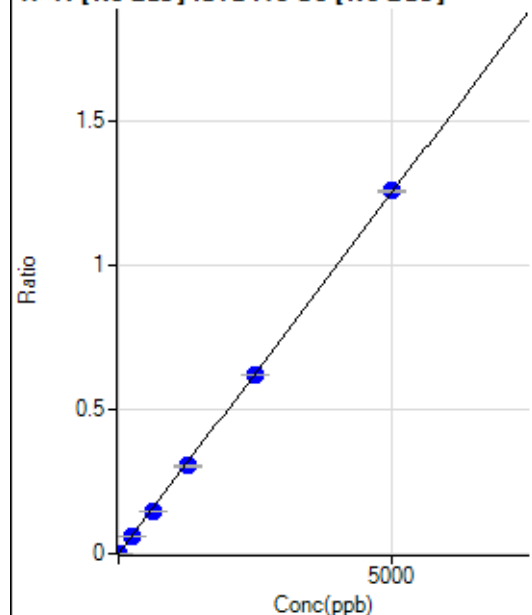
$$DL = 2.386$$

$$BEC = 24.03$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	35.7
2	☐	0.500	0.392	163.89	0.0001	P	15.7
3	☐	5.000	4.993	1669.61	0.0013	P	4.0
4	☐	250.000	250.436	79952.91	0.0627	P	1.2
5	☐	625.000	596.298	186009.63	0.1493	P	0.4
6	☐	1250.000	1212.881	350013.96	0.3036	P	0.6
7	☐	2500.000	2473.459	682817.42	0.6190	P	0.7
8	☐	5000.000	5026.116	1339157.42	1.2578	P	0.7
9	☐			361.13	0.0003	P	15.4

$$y = 2.5026E-004 * x + 2.8185E-005$$

$$R = 0.9999$$

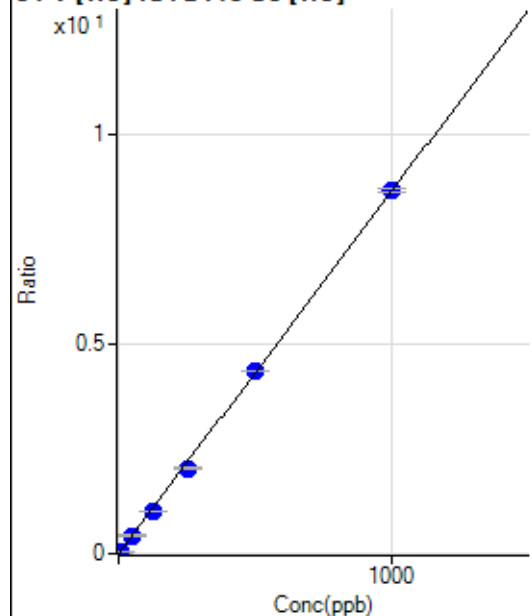
$$DL = 0.1206$$

$$BEC = 0.1126$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500	0.481	254.45	0.0042	P	17.3
3	☐	5.000	5.107	2666.95	0.0442	P	3.3
4	☐	50.000	50.028	24863.36	0.4325	P	2.6
5	☐	125.000	118.517	57618.76	1.0245	P	0.7
6	☐	250.000	235.782	107985.63	2.0382	P	1.1
7	☐	500.000	505.343	217898.49	4.3685	P	0.4
8	☐	1000.000	1001.691	433701.96	8.6592	P	1.1
9	☐			83.33	0.0017	P	2.9

$$y = 0.0086 * x + 1.8863E-005$$

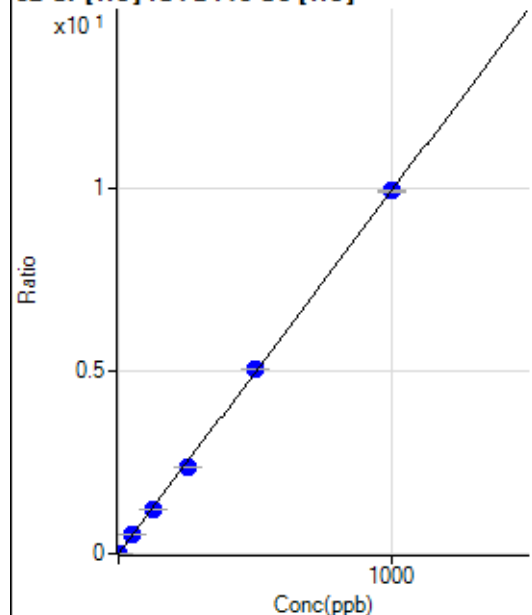
$$R = 0.9999$$

$$DL = 0.01134$$

$$BEC = 0.002182$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	185.56	0.0031	P	12.4
2	☐	0.200	0.207	313.34	0.0051	P	14.4
3	☐	2.000	2.048	1413.42	0.0234	P	3.4
4	☐	50.000	51.019	29268.10	0.5090	P	1.7
5	☐	125.000	119.281	66698.88	1.1860	P	0.4
6	☐	250.000	238.116	125273.17	2.3645	P	0.9
7	☐	500.000	507.413	251151.73	5.0351	P	0.2
8	☐	1000.000	999.929	496843.39	9.9194	P	0.3
9	☐			7606.51	0.1531	P	5.1

$$y = 0.0099 * x + 0.0031$$

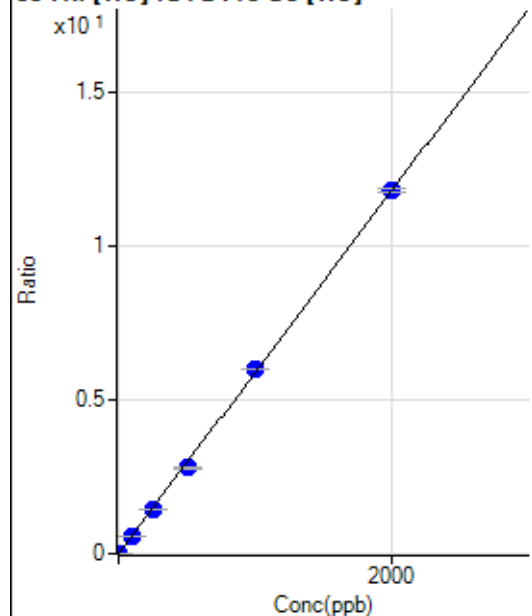
$$R = 0.9999$$

$$DL = 0.116$$

$$BEC = 0.3123$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.100	0.117	44.44	0.0007	P	12.4
3	☐	1.000	0.979	351.12	0.0058	P	7.7
4	☐	100.000	98.527	33442.53	0.5816	P	1.8
5	☐	250.000	240.353	79790.42	1.4188	P	0.7
6	☐	500.000	475.015	148551.45	2.8040	P	1.5
7	☐	1000.000	1014.524	298716.22	5.9887	P	0.4
8	☐	2000.000	2000.264	591396.96	11.8074	P	1.1
9	☐			2069.07	0.0416	P	4.4

$$y = 0.0059 * x + 3.7244E-005$$

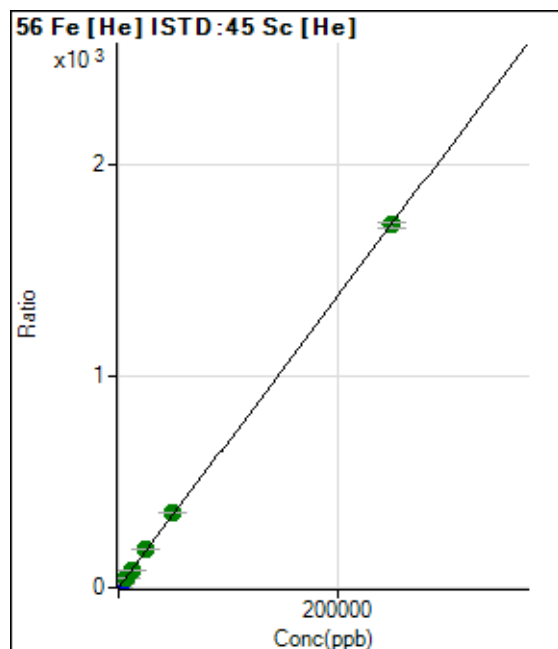
$$R = 0.9999$$

$$DL = 0.0164$$

$$BEC = 0.00631$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1001.91	0.0167	P	5.6
2	☐	5.000	5.338	3254.14	0.0535	P	4.4
3	☐	50.000	56.170	24348.31	0.4032	P	2.5
4	☐	2500.000	2712.435	1074096.45	18.6813	P	1.6
5	☐	6250.000	6187.403	2395333.36	42.5929	A	0.3
6	☐	12500.000	12330.761	4496073.91	84.8660	A	1.5
7	☐	25000.000	26292.568	9025062.06	180.9387	A	0.7
8	☐	50000.000	51494.685	17747629.4	354.3571	A	1.7
9	☐	250000.00	249579.70	85354131.5	1,717.400	A	1.9

$$y = 0.0069 * x + 0.0167$$

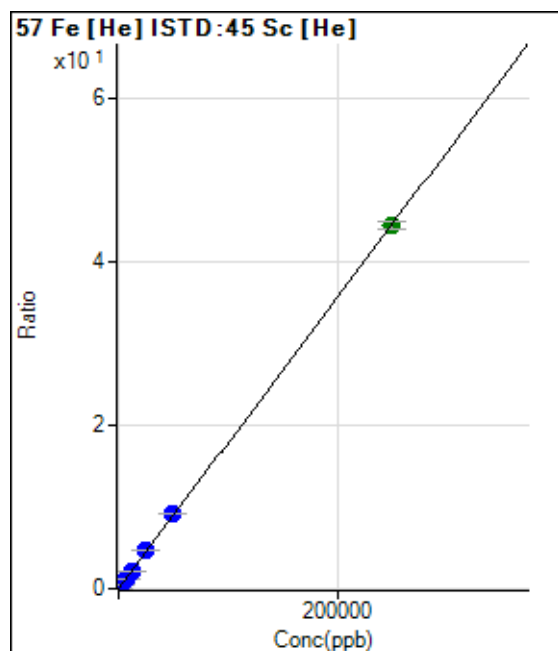
$$R = 1.0000$$

$$DL = 0.4062$$

$$BEC = 2.432$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.41	0.0010	P	14.4
2	☒	5.000		94.45	0.0016	P	18.5
3	☐	50.000	55.010	648.18	0.0107	P	4.2
4	☐	2500.000	2665.882	27299.93	0.4747	P	0.3
5	☐	6250.000	6257.805	62598.21	1.1131	P	0.2
6	☐	12500.000	12279.908	115672.04	2.1833	P	1.1
7	☐	25000.000	26226.821	232532.41	4.6619	P	1.0
8	☐	50000.000	51812.293	461243.92	9.2090	P	0.9
9	☐	250000.00	249524.00	2203955.62	44.3460	A	2.1

$$y = 1.7772E-004 * x + 9.5829E-004$$

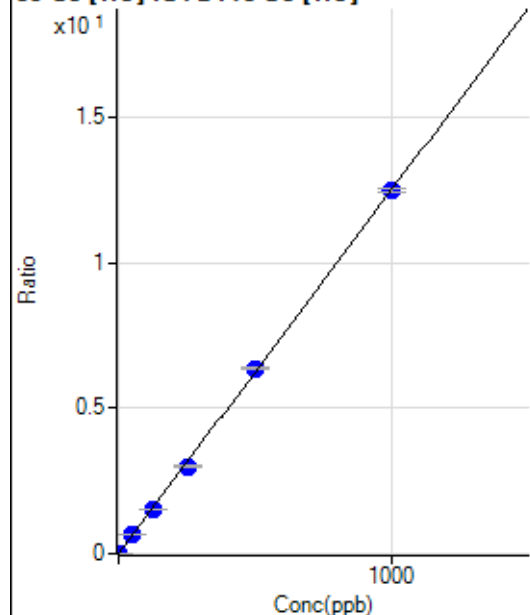
$$R = 1.0000$$

$$DL = 2.328$$

$$BEC = 5.392$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0001	P	49.1
2	☐	0.100	0.089	74.45	0.0012	P	26.6
3	☐	1.000	0.958	731.14	0.0121	P	5.2
4	☐	50.000	51.581	37144.86	0.6460	P	1.0
5	☐	125.000	122.653	86379.98	1.5359	P	1.2
6	☐	250.000	240.326	159436.86	3.0093	P	1.2
7	☐	500.000	510.079	318584.66	6.3870	P	0.5
8	☐	1000.000	997.594	625650.66	12.4914	P	0.9
9	☐			7194.08	0.1447	P	1.0

$$y = 0.0125 * x + 1.1081E-004$$

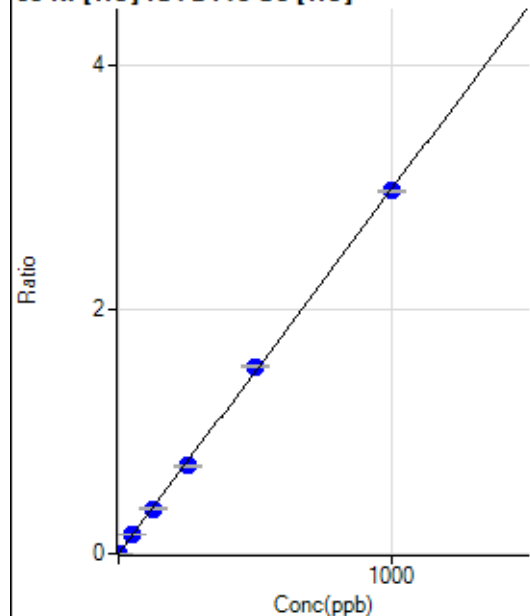
$$R = 0.9999$$

$$DL = 0.01304$$

$$BEC = 0.00885$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.00	0.0002	P	33.0
2	☐	0.100	0.085	25.56	0.0004	P	32.0
3	☐	1.000	0.845	162.23	0.0027	P	10.2
4	☐	50.000	54.777	9405.35	0.1636	P	1.2
5	☐	125.000	123.488	20724.84	0.3685	P	3.4
6	☐	250.000	240.202	37970.32	0.7167	P	0.2
7	☐	500.000	513.356	76389.78	1.5314	P	0.7
8	☐	1000.000	995.722	148773.08	2.9702	P	0.6
9	☐			2513.59	0.0506	P	2.5

$$y = 0.0030 * x + 1.6696E-004$$

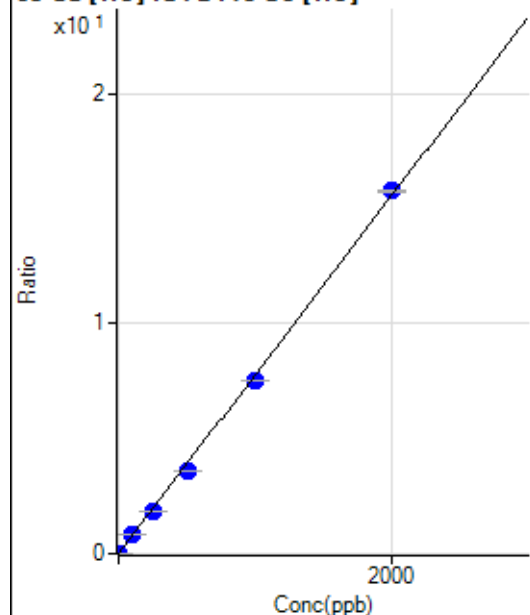
$$R = 0.9998$$

$$DL = 0.05539$$

$$BEC = 0.05597$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0008	P	6.8
2	☐	0.200	0.257	172.23	0.0028	P	20.7
3	☐	2.000	1.965	973.38	0.0161	P	7.2
4	☐	100.000	103.671	46419.11	0.8073	P	1.1
5	☐	250.000	233.020	101985.21	1.8135	P	0.6
6	☐	500.000	459.849	189560.62	3.5779	P	0.9
7	☐	1000.000	968.724	375915.34	7.5364	P	0.7
8	☐	2000.000	2027.615	790050.86	15.7734	P	0.8
9	☐			1753.47	0.0353	P	4.2

$$y = 0.0078 * x + 8.3492E-004$$

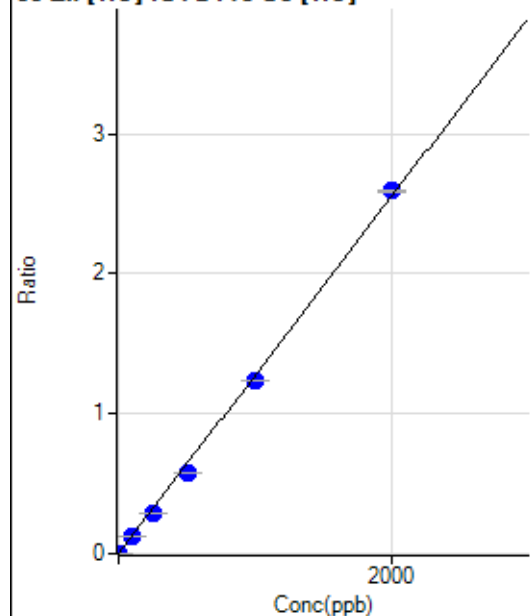
$$R = 0.9996$$

$$DL = 0.02201$$

$$BEC = 0.1073$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	32.22	0.0005	P	51.2
2	☐	0.200	0.195	47.78	0.0008	P	24.2
3	☐	2.000	1.730	165.56	0.0027	P	20.0
4	☐	100.000	95.878	7064.04	0.1228	P	4.7
5	☐	250.000	227.356	16332.63	0.2904	P	1.3
6	☐	500.000	451.477	30522.09	0.5761	P	1.8
7	☐	1000.000	965.599	61432.98	1.2316	P	0.2
8	☐	2000.000	2032.368	129808.23	2.5916	P	0.6
9	☐			1147.84	0.0231	P	3.5

$$y = 0.0013 * x + 5.3583E-004$$

$$R = 0.9994$$

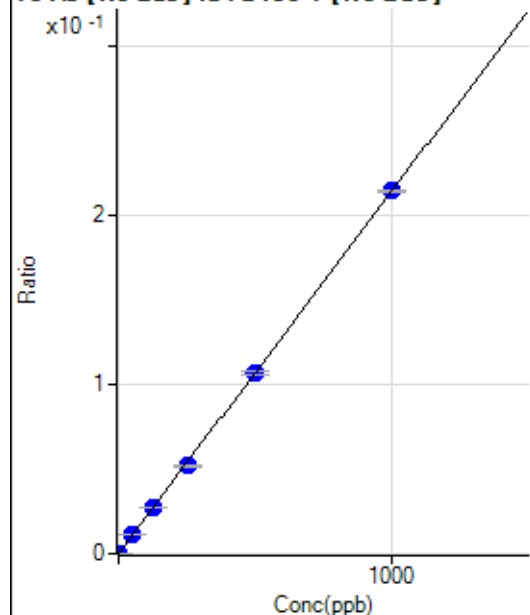
$$DL = 0.646$$

$$BEC = 0.4203$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-86.09	-0.0001	P	-30.
2	☒	0.100		-81.11	-0.0001	P	-54.
3	☐	1.000	0.730	142.32	0.0001	P	96.6
4	☐	50.000	51.614	15482.09	0.0110	P	0.5
5	☐	125.000	125.577	37198.24	0.0268	P	1.0
6	☐	250.000	242.722	69660.17	0.0519	P	1.3
7	☐	500.000	499.572	138714.54	0.1069	P	1.4
8	☐	1000.000	1001.881	270700.80	0.2145	P	0.6
9	☐			227.49	0.0002	P	4.5

$$y = 2.1415E-004 * x - 5.6196E-005$$

$$R = 1.0000$$

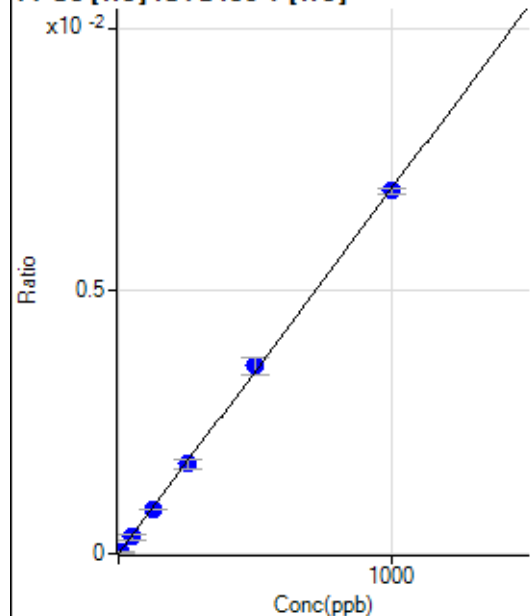
$$DL = 0.2411$$

$$BEC = -0.2624$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☒	0.500		1.11	0.0000	P	173.
3	☐	5.000	4.251	6.66	0.0000	P	86.5
4	☐	50.000	46.055	68.89	0.0003	P	37.1
5	☐	125.000	120.938	178.89	0.0008	P	2.8
6	☐	250.000	245.405	344.45	0.0017	P	10.7
7	☐	500.000	515.299	691.14	0.0036	P	9.4
8	☐	1000.000	994.208	1331.19	0.0069	P	1.8
9	☐			2.22	0.0000	P	173.

$$y = 6.9414E-006 * x + 0.0000E+000$$

$$R = 0.9998$$

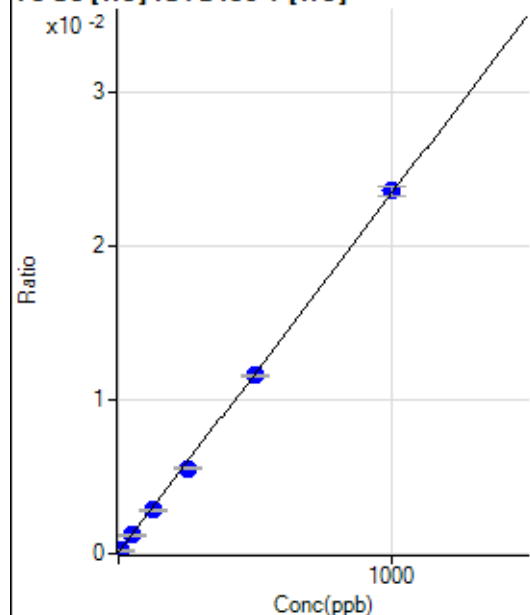
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.28	0.0001	P	36.2
2	☒	0.500		14.81	0.0001	P	0.4
3	☐	5.000	6.017	49.38	0.0002	P	33.3
4	☐	50.000	48.240	259.27	0.0012	P	7.4
5	☐	125.000	118.567	604.95	0.0028	P	4.4
6	☐	250.000	234.951	1122.28	0.0055	P	1.4
7	☐	500.000	493.099	2232.29	0.0116	P	1.1
8	☐	1000.000	1008.100	4540.88	0.0235	P	2.5
9	☐			13.58	0.0001	P	67.2

$$y = 2.3276E-005 * x + 7.8731E-005$$

$$R = 0.9998$$

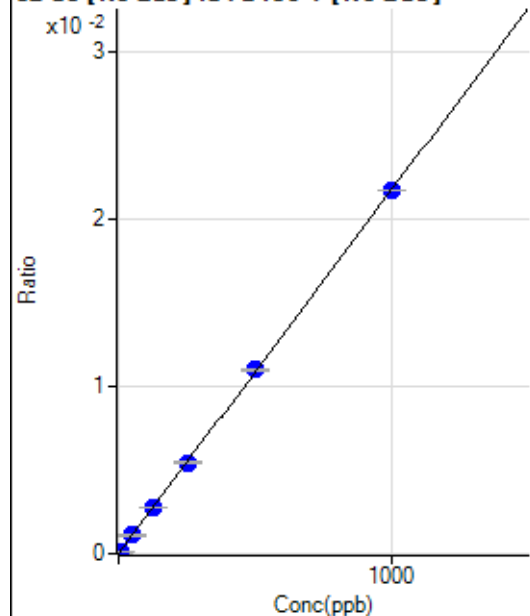
$$DL = 3.672$$

$$BEC = 3.382$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.29	0.0000	P	14.8
2	☒	0.500		48.93	0.0000	P	54.5
3	☐	5.000	5.483	188.73	0.0001	P	8.6
4	☐	50.000	49.970	1547.88	0.0011	P	1.7
5	☐	125.000	125.686	3805.02	0.0027	P	0.8
6	☐	250.000	248.984	7278.18	0.0054	P	1.8
7	☐	500.000	505.151	14260.47	0.0110	P	0.4
8	☐	1000.000	997.592	27380.99	0.0217	P	0.1
9	☐			39.34	0.0000	P	18.1

$$y = 2.1735E-005 * x + 1.3246E-005$$

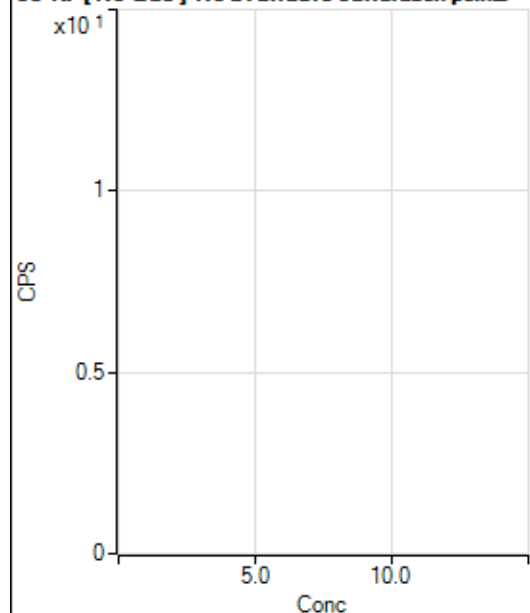
$$R = 1.0000$$

$$DL = 0.2707$$

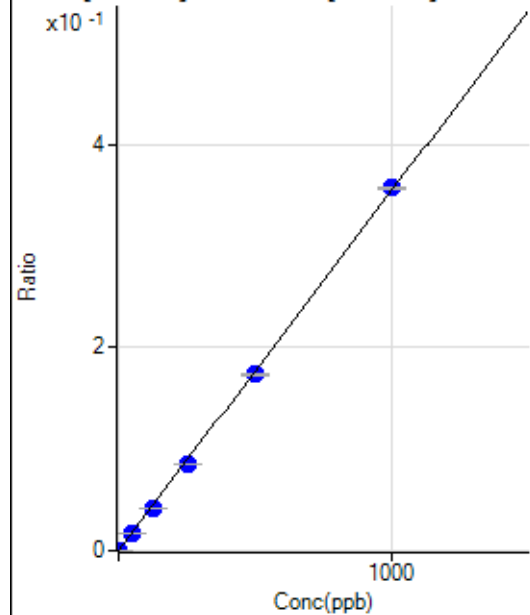
$$BEC = 0.6094$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			56.67		P	11.8
2	☐			47.78		P	31.5
3	☐			57.78		P	27.3
4	☐			63.33		P	36.8
5	☐			36.67		P	59.6
6	☐			31.11		P	34.4
7	☐			54.45		P	28.9
8	☐			36.67		P	15.7
9	☐			57.78		P	3.3

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	48.4
2	☒	0.100		136.12	0.0001	P	31.4
3	☐	1.000	0.866	494.47	0.0003	P	6.5
4	☐	50.000	49.649	24822.33	0.0176	P	1.9
5	☐	125.000	119.536	58765.51	0.0424	P	0.6
6	☐	250.000	239.662	113986.02	0.0850	P	0.8
7	☐	500.000	489.719	225150.05	0.1736	P	0.9
8	☐	1000.000	1008.426	451001.42	0.3574	P	0.2
9	☐			1852.98	0.0015	P	4.8

$$y = 3.5433\text{E-}004 * x + 3.9954\text{E-}005$$

$$R = 0.9999$$

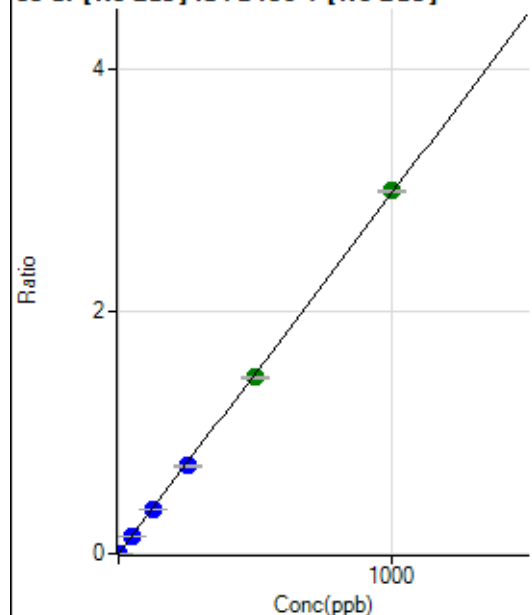
$$DL = 0.1637$$

$$BEC = 0.1128$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	40.5
2	☐	0.100	0.083	391.69	0.0003	P	11.6
3	☐	1.000	0.948	4056.30	0.0028	P	5.1
4	☐	50.000	49.943	209211.73	0.1486	P	0.6
5	☐	125.000	121.484	500988.69	0.3614	P	1.3
6	☐	250.000	243.580	972218.38	0.7247	P	1.2
7	☐	500.000	488.894	1886784.42	1.4545	A	0.4
8	☐	1000.000	1007.601	3782970.31	2.9976	A	0.6
9	☐			15088.94	0.0125	P	1.8

$$y = 0.0030 * x + 2.7235E-005$$

$$R = 0.9999$$

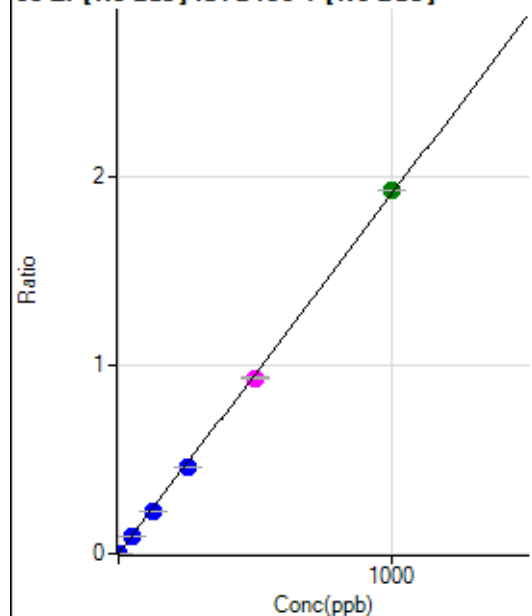
$$DL = 0.01113$$

$$BEC = 0.009155$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.89	0.0001	P	11.3
2	☐	0.100	0.082	330.58	0.0002	P	16.5
3	☐	1.000	0.863	2450.31	0.0017	P	4.4
4	☐	50.000	48.951	131432.58	0.0934	P	2.0
5	☐	125.000	119.065	314622.68	0.2270	P	1.0
6	☐	250.000	239.097	611419.62	0.4557	P	0.7
7	☐	500.000	487.509	1205325.93	0.9291	M	0.9
8	☐	1000.000	1009.766	2428661.90	1.9244	A	0.1
9	☐			830.62	0.0007	P	6.7

$$y = 0.0019 * x + 7.4320E-005$$

$$R = 0.9998$$

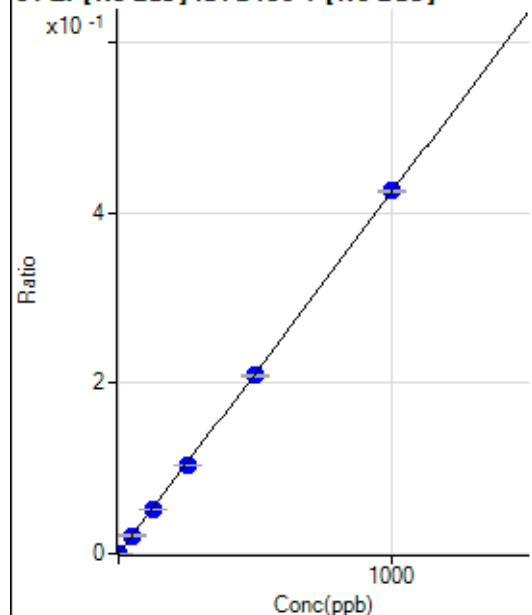
$$DL = 0.01323$$

$$BEC = 0.039$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	100.
2	☒	0.100		100.01	0.0001	P	29.4
3	☐	1.000	1.029	636.15	0.0004	P	16.0
4	☐	50.000	50.307	30007.34	0.0213	P	1.8
5	☐	125.000	122.069	71666.33	0.0517	P	0.8
6	☐	250.000	245.500	139487.88	0.1040	P	0.6
7	☐	500.000	493.933	271322.49	0.2092	P	1.4
8	☐	1000.000	1004.510	536795.51	0.4254	P	0.8
9	☐			183.34	0.0002	P	16.8

$$y = 4.2343\text{E-}004 * x + 1.0889\text{E-}005$$

$$R = 1.0000$$

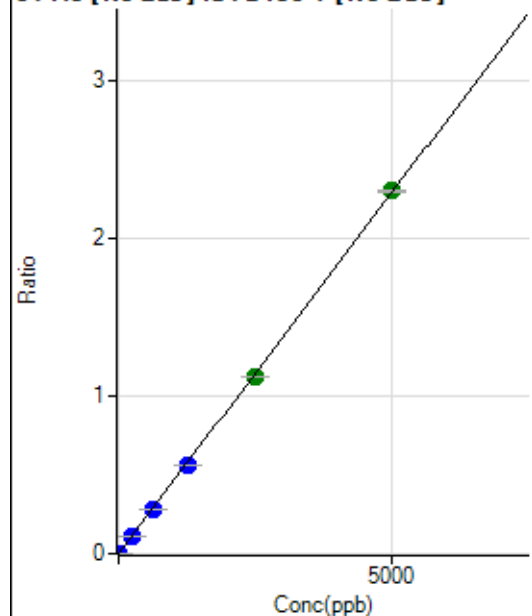
$$DL = 0.07746$$

$$BEC = 0.02572$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	16.7
2	☐	0.500	0.456	350.02	0.0002	P	12.9
3	☐	5.000	4.355	2886.53	0.0020	P	3.4
4	☐	250.000	249.611	160574.02	0.1141	P	1.5
5	☐	625.000	608.789	385543.13	0.2781	P	0.7
6	☐	1250.000	1219.853	747680.20	0.5573	P	0.5
7	☐	2500.000	2453.392	1453934.58	1.1208	A	0.4
8	☐	5000.000	5032.887	2901588.74	2.2991	A	0.3
9	☐			1452.91	0.0012	P	8.3

$$y = 4.5682\text{E-}004 * x + 3.6226\text{E-}005$$

$$R = 0.9999$$

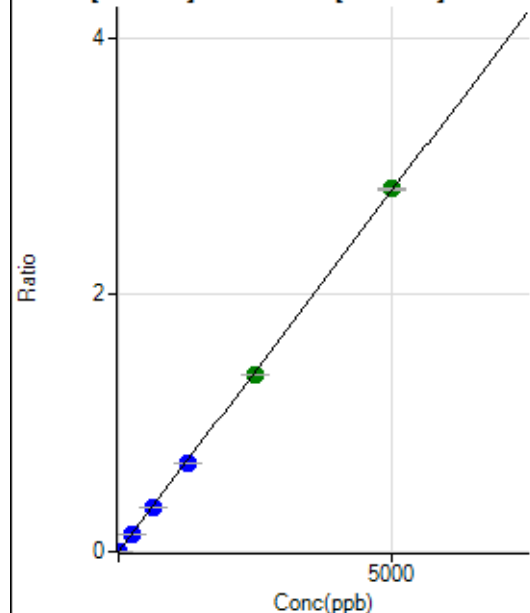
$$DL = 0.03967$$

$$BEC = 0.0793$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	21.5
2	☐	0.500	0.496	419.47	0.0003	P	28.3
3	☐	5.000	4.571	3675.63	0.0026	P	5.9
4	☐	250.000	250.988	198313.71	0.1409	P	1.8
5	☐	625.000	616.997	479987.94	0.3463	P	1.2
6	☐	1250.000	1227.621	924336.94	0.6890	P	1.1
7	☐	2500.000	2446.623	1781237.48	1.3731	A	0.4
8	☐	5000.000	5033.235	3565000.43	2.8247	A	0.6
9	☐			2019.67	0.0017	P	7.7

$$y = 5.6121E-004 * x + 1.4498E-005$$

$$R = 0.9999$$

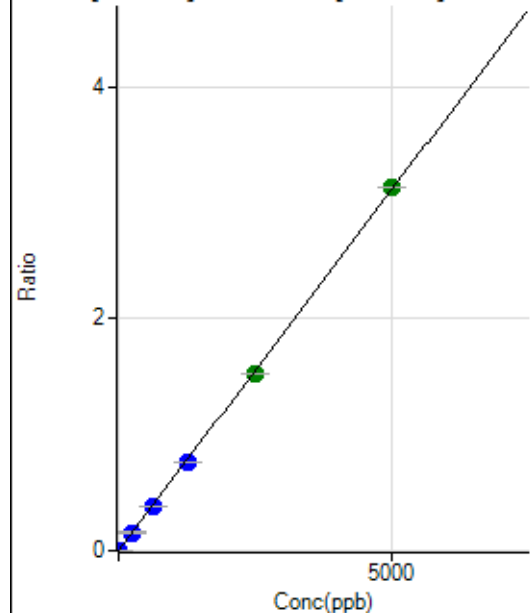
$$DL = 0.01669$$

$$BEC = 0.02583$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.5
2	☐	0.500	0.410	380.58	0.0003	P	23.0
3	☐	5.000	4.563	4061.88	0.0029	P	3.7
4	☐	250.000	251.356	220180.11	0.1564	P	2.0
5	☐	625.000	613.553	529194.39	0.3818	P	1.2
6	☐	1250.000	1234.945	1030949.71	0.7684	P	0.5
7	☐	2500.000	2448.407	1976335.90	1.5235	A	0.6
8	☐	5000.000	5030.924	3950640.80	3.1303	A	0.1
9	☐			3297.75	0.0027	P	5.1

$$y = 6.2222E-004 * x + 1.0853E-005$$

$$R = 0.9999$$

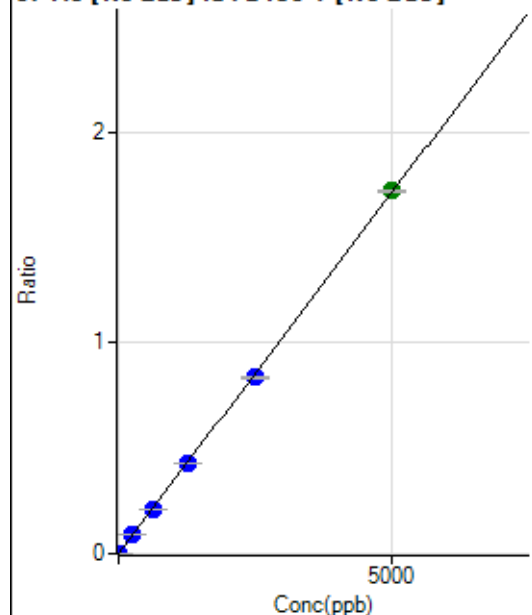
$$DL = 0.02588$$

$$BEC = 0.01744$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.6
2	☐	0.500	0.490	252.79	0.0002	P	13.8
3	☐	5.000	4.732	2322.51	0.0016	P	0.9
4	☐	250.000	254.962	122962.49	0.0873	P	1.1
5	☐	625.000	621.315	295012.16	0.2128	P	1.1
6	☐	1250.000	1251.113	574982.28	0.4286	P	0.7
7	☐	2500.000	2441.221	1084802.82	0.8362	P	0.3
8	☐	5000.000	5029.324	2174168.36	1.7227	A	0.3
9	☐			1327.90	0.0011	P	7.0

$$y = 3.4254\text{E-}004 * x + 9.0605\text{E-}006$$

$$R = 0.9999$$

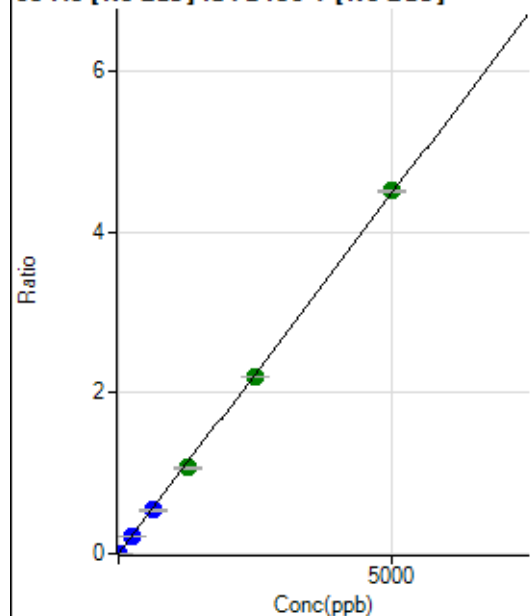
$$DL = 0.02744$$

$$BEC = 0.02645$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☐	0.500	0.441	575.03	0.0004	P	7.8
3	☐	5.000	4.492	5737.51	0.0040	P	2.7
4	☐	250.000	250.840	315942.26	0.2244	P	1.1
5	☐	625.000	606.269	751843.91	0.5424	P	1.7
6	☐	1250.000	1193.600	1432708.79	1.0679	A	0.8
7	☐	2500.000	2448.519	2841799.48	2.1906	A	0.1
8	☐	5000.000	5042.141	5693003.04	4.5110	A	0.5
9	☐			3194.94	0.0027	P	3.5

$$y = 8.9466\text{E-}004 * x + 7.2767\text{E-}006$$

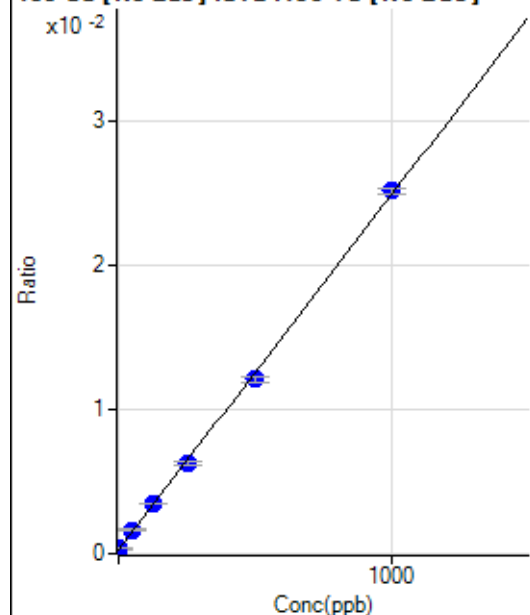
$$R = 0.9998$$

$$DL = 0.02113$$

$$BEC = 0.008133$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	408.36	0.0003	P	8.6
2	☒	0.100		450.03	0.0003	P	7.5
3	☐	1.000	3.558	494.47	0.0004	P	12.9
4	☐	50.000	55.543	2272.49	0.0016	P	5.4
5	☐	125.000	129.373	4842.72	0.0035	P	1.2
6	☐	250.000	243.765	8766.97	0.0063	P	3.6
7	☐	500.000	479.347	16615.93	0.0121	P	2.6
8	☐	1000.000	1011.059	33938.73	0.0252	P	1.5
9	☐			380.58	0.0003	P	13.3

$$y = 2.4655E-005 * x + 2.7285E-004$$

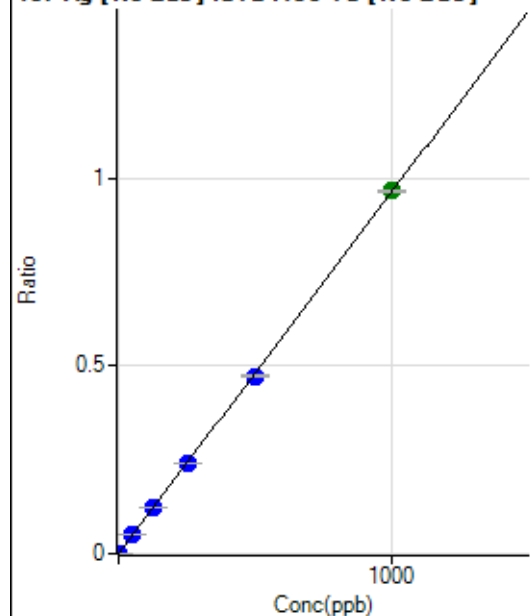
$$R = 0.9996$$

$$DL = 2.848$$

$$BEC = 11.07$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	125.
2	☐	0.100	0.077	116.67	0.0001	P	20.6
3	☐	1.000	1.064	1416.80	0.0010	P	12.7
4	☐	50.000	54.179	72083.89	0.0521	P	0.3
5	☐	125.000	127.438	171417.07	0.1226	P	0.6
6	☐	250.000	250.112	335701.80	0.2405	P	0.8
7	☐	500.000	491.650	649836.93	0.4728	P	0.5
8	☐	1000.000	1003.633	1299963.07	0.9652	A	0.5
9	☐			86.11	0.0001	P	31.0

$$y = 9.6172E-004 * x + 9.3434E-006$$

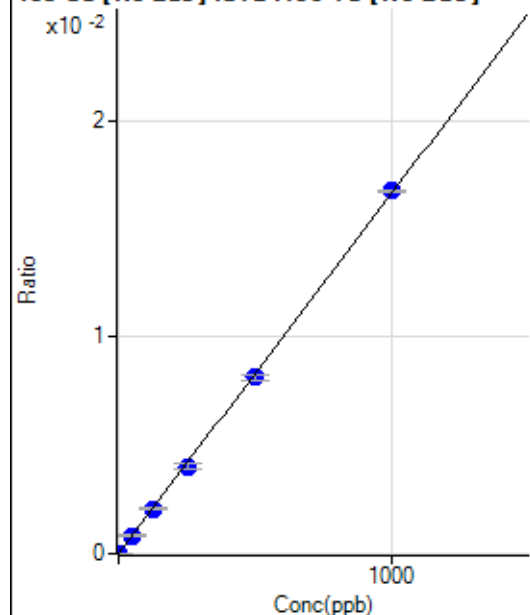
$$R = 0.9999$$

$$DL = 0.03649$$

$$BEC = 0.009715$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.39	0.0000	P	173.
2	☒	0.100		1.39	0.0000	P	173.
3	☐	1.000	1.282	30.55	0.0000	P	15.7
4	☐	50.000	49.984	1152.85	0.0008	P	5.6
5	☐	125.000	124.782	2907.31	0.0021	P	2.7
6	☐	250.000	242.500	5634.58	0.0040	P	6.0
7	☐	500.000	489.604	11204.60	0.0082	P	2.8
8	☐	1000.000	1007.101	22583.52	0.0168	P	0.5
9	☐			2.78	0.0000	P	173.

$$y = 1.6649\text{E-}005 * x + 9.2928\text{E-}007$$

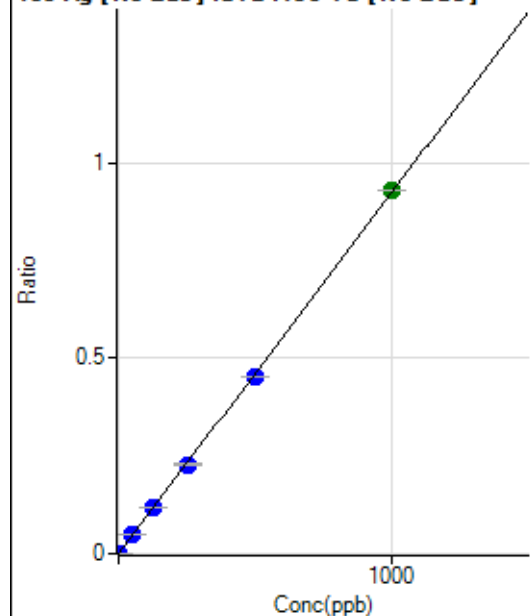
$$R = 0.9999$$

$$DL = 0.29$$

$$BEC = 0.05582$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☒	0.100		122.23	0.0001	P	23.6
3	☐	1.000	1.108	1405.69	0.0010	P	7.9
4	☐	50.000	53.906	68776.12	0.0497	P	1.7
5	☐	125.000	126.699	163460.34	0.1169	P	0.5
6	☐	250.000	247.225	318264.98	0.2281	P	1.5
7	☐	500.000	490.351	621657.07	0.4523	P	0.2
8	☐	1000.000	1005.111	1248729.70	0.9272	A	0.1
9	☐			136.12	0.0001	P	33.2

$$y = 9.2246\text{E-}004 * x + 1.8563\text{E-}006$$

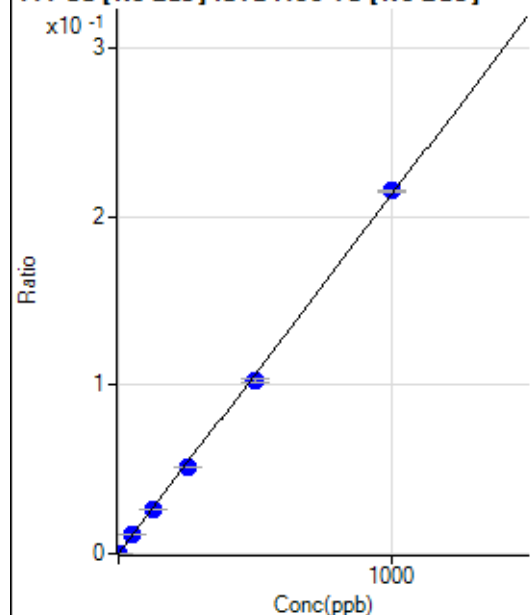
$$R = 0.9999$$

$$DL = 0.01046$$

$$BEC = 0.002012$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	286.26	0.0002	P	7.7
2	☒	0.100		343.21	0.0002	P	6.4
3	☐	1.000	1.143	595.59	0.0004	P	4.2
4	☐	50.000	52.219	15611.16	0.0113	P	1.9
5	☐	125.000	123.594	36998.50	0.0265	P	1.4
6	☐	250.000	242.360	72145.07	0.0517	P	0.1
7	☐	500.000	482.086	141051.19	0.1026	P	1.4
8	☐	1000.000	1010.932	289585.67	0.2150	P	0.2
9	☐			299.19	0.0002	P	11.8

$$y = 2.1250\text{E-}004 * x + 1.9128\text{E-}004$$

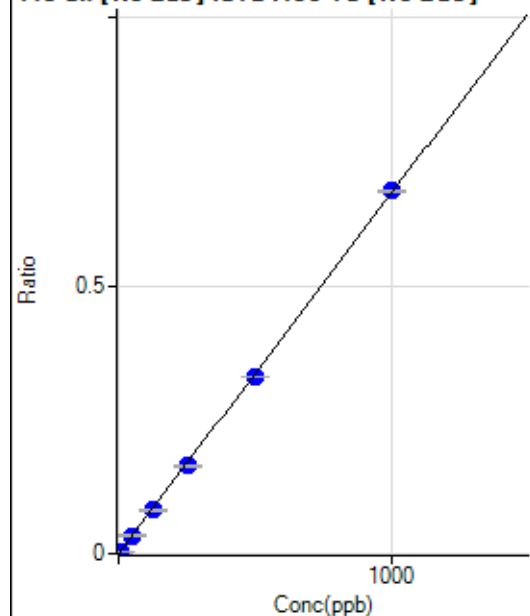
$$R = 0.9997$$

$$DL = 0.2073$$

$$BEC = 0.9001$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	33.4
2	☐	0.500	0.413	422.25	0.0003	P	4.7
3	☐	5.000	5.028	4673.19	0.0034	P	3.5
4	☐	50.000	50.256	46756.94	0.0338	P	4.0
5	☐	125.000	120.226	113080.24	0.0809	P	1.1
6	☐	250.000	243.563	228563.76	0.1638	P	1.2
7	☐	500.000	491.218	453926.51	0.3303	P	0.2
8	☐	1000.000	1006.584	911484.41	0.6768	P	0.4
9	☐			491.70	0.0004	P	10.6

$$y = 6.7233\text{E-}004 * x + 2.6043\text{E-}005$$

$$R = 0.9999$$

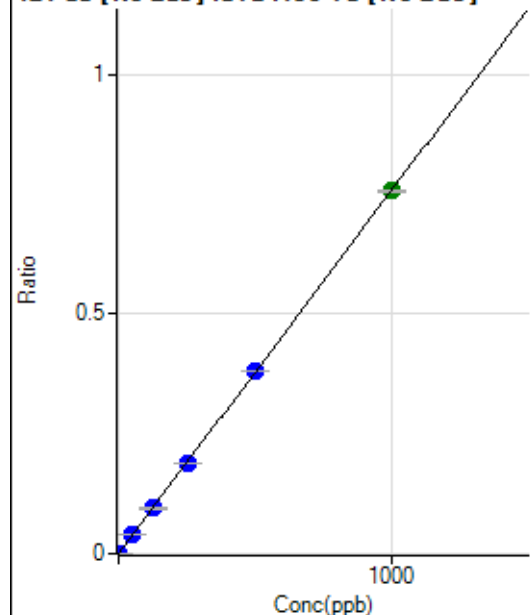
$$DL = 0.03883$$

$$BEC = 0.03874$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	44.1
2	☐	0.200	0.204	225.01	0.0002	P	6.7
3	☐	2.000	2.038	2128.03	0.0016	P	2.3
4	☐	50.000	51.796	54278.15	0.0392	P	2.0
5	☐	125.000	124.782	132211.64	0.0945	P	1.3
6	☐	250.000	248.417	262646.36	0.1882	P	0.9
7	☐	500.000	502.683	523379.01	0.3808	P	0.3
8	☐	1000.000	998.992	1019261.06	0.7568	A	0.4
9	☐			1539.04	0.0013	P	8.1

$$y = 7.5756\text{E-}004 * x + 7.4421\text{E-}006$$

$$R = 1.0000$$

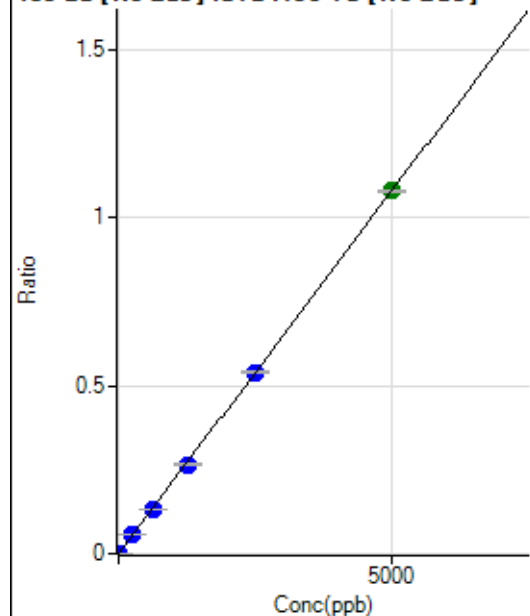
$$DL = 0.013$$

$$BEC = 0.009824$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	1.000	0.982	297.24	0.0002	P	21.3
3	☐	10.000	9.932	2939.34	0.0021	P	6.5
4	☐	250.000	255.155	76060.84	0.0550	P	1.8
5	☐	625.000	613.078	184797.01	0.1321	P	1.4
6	☐	1250.000	1232.082	370603.64	0.2656	P	1.1
7	☐	2500.000	2500.057	740566.92	0.5389	P	0.8
8	☐	5000.000	5005.683	1453078.47	1.0789	A	0.2
9	☐			216.68	0.0002	P	23.2

$$y = 2.1554\text{E-}004 * x + 1.8712\text{E-}006$$

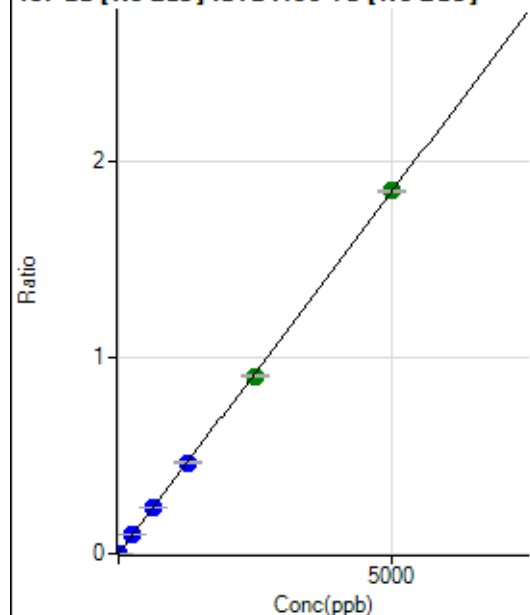
$$R = 1.0000$$

$$DL = 0.04511$$

$$BEC = 0.008682$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	173.
2	☐	1.000	1.110	577.81	0.0004	P	6.6
3	☐	10.000	10.432	5290.12	0.0039	P	0.4
4	☐	250.000	261.206	133349.81	0.0964	P	1.4
5	☐	625.000	629.468	324923.91	0.2323	P	0.8
6	☐	1250.000	1262.691	650416.34	0.4660	P	0.8
7	☐	2500.000	2458.108	1246871.14	0.9073	A	0.6
8	☐	5000.000	5016.653	2493746.95	1.8516	A	0.5
9	☐			383.36	0.0003	P	6.9

$$y = 3.6909E-004 * x + 5.5712E-006$$

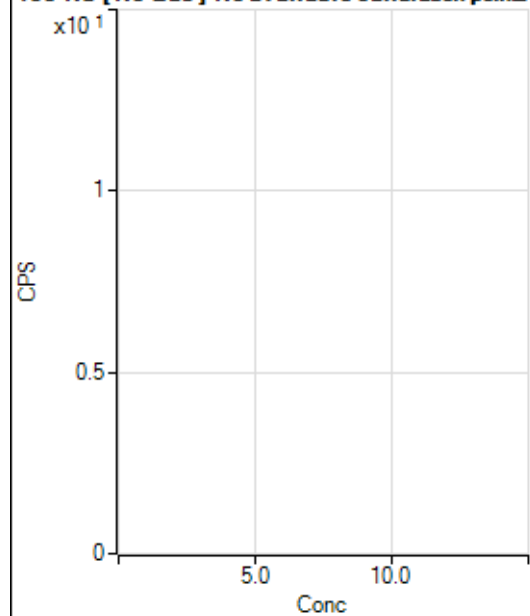
$$R = 0.9999$$

$$DL = 0.07843$$

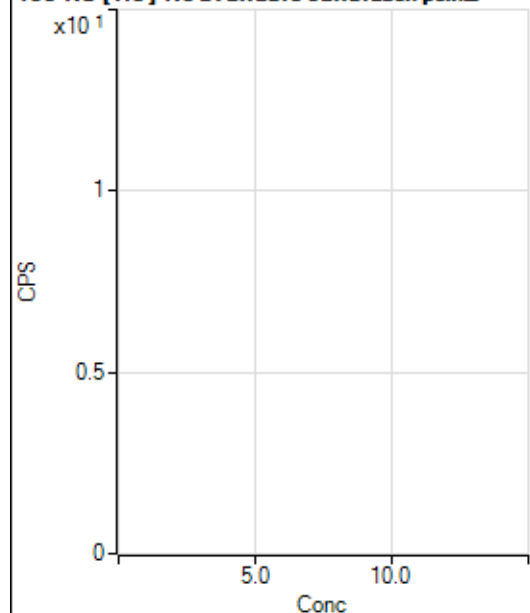
$$BEC = 0.01509$$

Weight: <None>

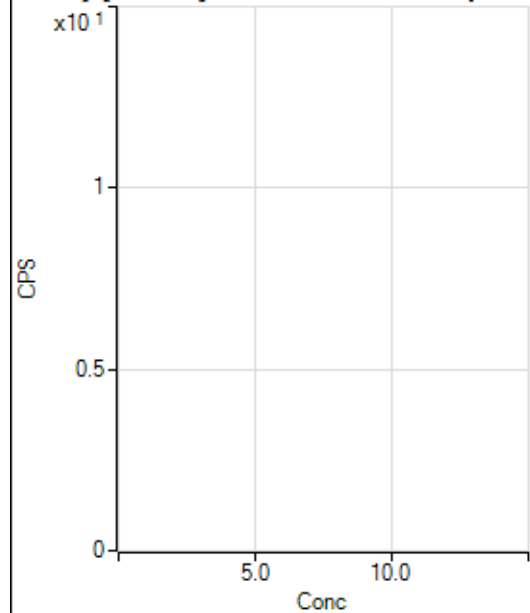
Min Conc: 0

150 Nd [No Gas] No available calibration points

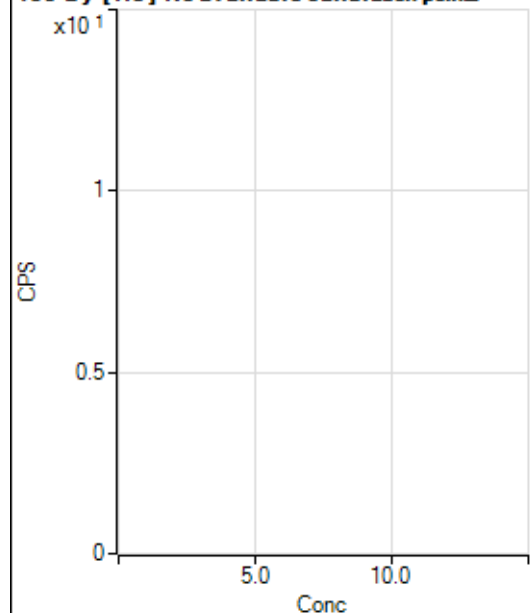
	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2.22		P	173.
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			2.22		P	173.
5	☐			11.11		P	34.6
6	☐			35.56		P	28.6
7	☐			44.45		P	56.8
8	☐			124.45		P	18.8
9	☐			35.56		P	28.6

150 Nd [He] No available calibration points

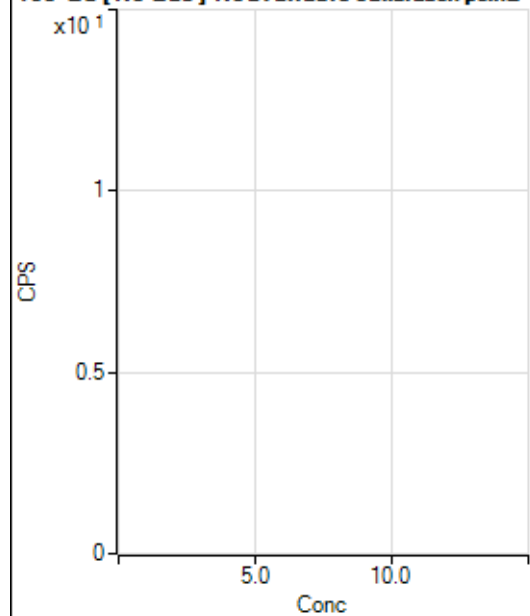
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.
6	☐			1.11		P	173.
7	☐			10.00		P	0.0
8	☐			16.67		P	NaN
9	☐			10.00		P	0.0

156 Dy [No Gas] No available calibration points

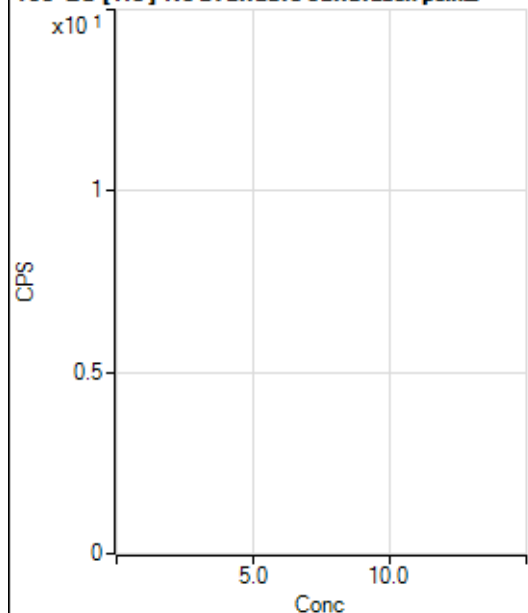
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.78		P	173.
2	☐			5.55		P	86.6
3	☐			2.78		P	173.
4	☐			5.55		P	86.6
5	☐			0.00		P	
6	☐			8.33		P	100.
7	☐			5.55		P	86.6
8	☐			13.89		P	34.7
9	☐			22.22		P	21.6

156 Dy [He] No available calibration points

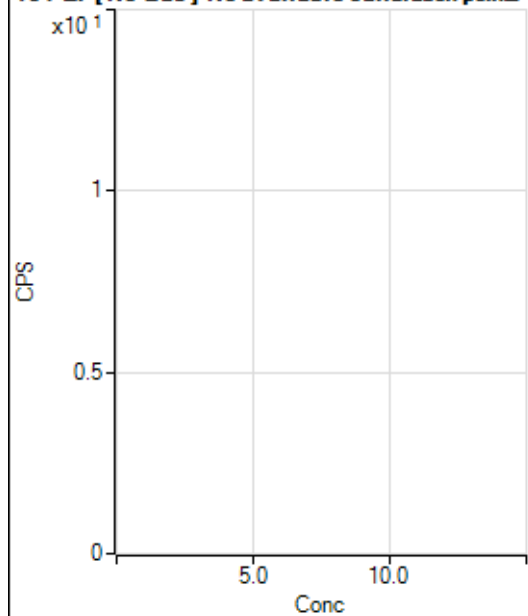
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			4.44		P	43.4
6	☐			7.78		P	99.0
7	☐			15.56		P	32.7
8	☐			37.78		P	13.5
9	☐			7.78		P	65.5

160 Gd [No Gas] Noavailable calibration poin_

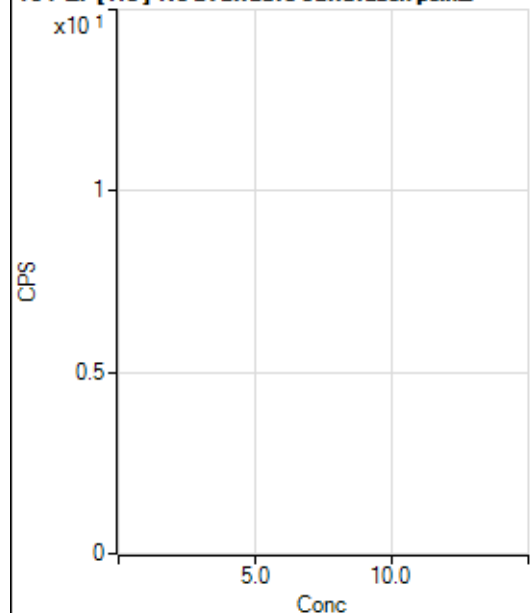
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			2.78		P	173.
3	☐			8.33		P	100.
4	☐			11.11		P	43.3
5	☐			0.00		P	
6	☐			8.33		P	0.0
7	☐			8.33		P	100.
8	☐			11.11		P	43.3
9	☐			11.11		P	43.3

160 Gd [He] No available calibration points

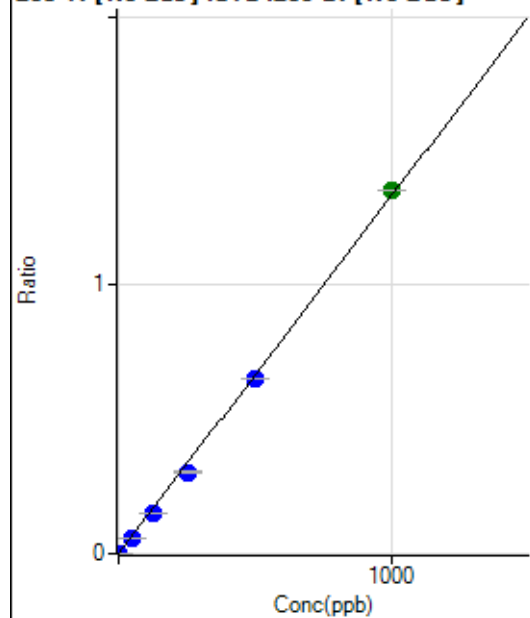
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			25.56		P	7.5
2	☐			16.67		P	20.0
3	☐			21.11		P	36.5
4	☐			24.45		P	43.8
5	☐			23.33		P	42.9
6	☐			27.78		P	42.1
7	☐			22.22		P	67.6
8	☐			23.33		P	42.9
9	☐			31.11		P	43.3

164 Er [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.78		P	173.
2	☐			0.00		P	
3	☐			2.78		P	173.
4	☐			8.33		P	0.0
5	☐			8.33		P	100.
6	☐			2.78		P	173.
7	☐			2.78		P	173.
8	☐			5.55		P	86.6
9	☐			19.45		P	24.7

164 Er [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			5.56		P	34.7
3	☐			2.22		P	86.6
4	☐			1.11		P	173.
5	☐			4.44		P	114.
6	☐			1.11		P	173.
7	☐			0.00		P	
8	☐			2.22		P	86.6
9	☐			3.33		P	100.

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.67	0.0001	P	71.5
2	☐	0.100	0.077	125.01	0.0002	P	13.3
3	☐	1.000	0.866	966.74	0.0012	P	10.2
4	☐	50.000	45.318	49018.99	0.0605	P	0.5
5	☐	125.000	112.478	123616.36	0.1501	P	1.1
6	☐	250.000	227.910	252080.69	0.3040	P	1.1
7	☐	500.000	487.160	512901.78	0.6498	P	0.4
8	☐	1000.000	1013.742	1021689.71	1.3521	A	0.1
9	☐			302.80	0.0005	P	15.1

$$y = 0.0013 * x + 5.2373E-005$$

$$R = 0.9996$$

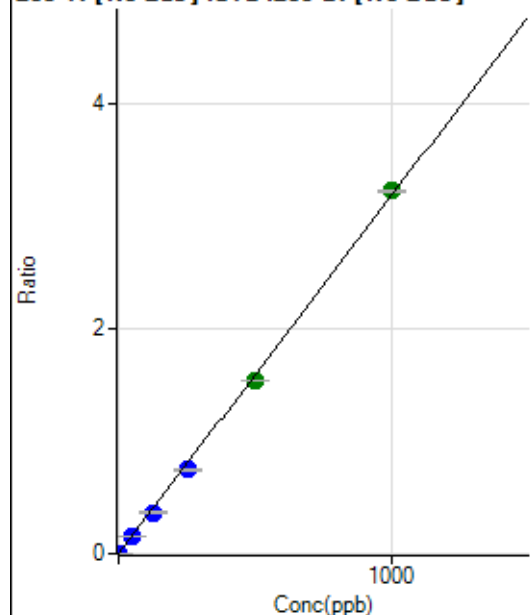
$$DL = 0.08422$$

$$BEC = 0.03927$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.90	0.0001	P	23.4
2	☐	0.100	0.098	366.69	0.0005	P	6.3
3	☐	1.000	0.891	2383.65	0.0030	P	3.2
4	☐	50.000	46.169	119131.89	0.1470	P	1.5
5	☐	125.000	115.182	302010.75	0.3666	P	0.7
6	☐	250.000	233.639	616448.36	0.7435	P	1.3
7	☐	500.000	484.950	1217974.18	1.5430	A	0.4
8	☐	1000.000	1013.034	2435513.62	3.2232	A	0.6
9	☐			783.39	0.0012	P	21.6

$$y = 0.0032 * x + 1.4355E-004$$

$$R = 0.9997$$

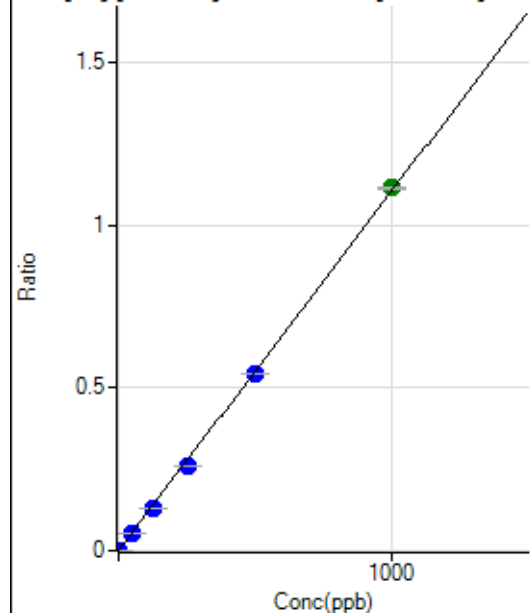
$$DL = 0.03169$$

$$BEC = 0.04512$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.74	0.0001	P	28.4
2	☐	0.100	0.079	111.11	0.0001	P	8.9
3	☐	1.000	0.879	818.57	0.0010	P	9.8
4	☐	50.000	48.323	43304.34	0.0534	P	1.0
5	☐	125.000	116.402	105982.42	0.1287	P	1.5
6	☐	250.000	235.023	215354.11	0.2597	P	1.7
7	☐	500.000	489.895	427310.54	0.5413	P	0.0
8	☐	1000.000	1009.955	843252.95	1.1160	A	0.7
9	☐			596.33	0.0009	P	14.1

$$y = 0.0011 * x + 5.1352E-005$$

$$R = 0.9998$$

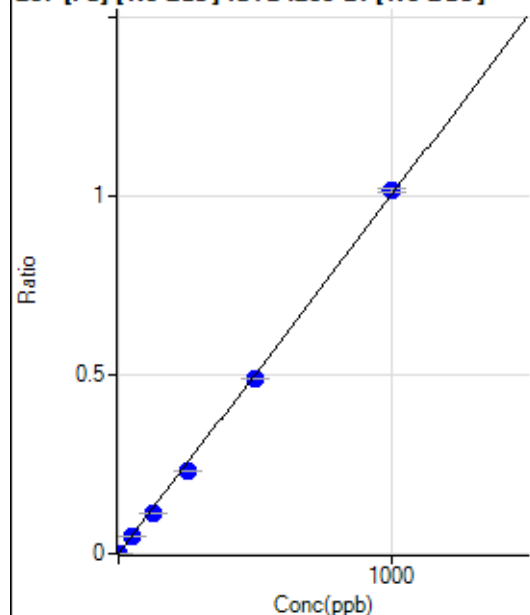
$$DL = 0.03953$$

$$BEC = 0.04648$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	42.60	0.0001	P	33.3
2	☐	0.100	0.086	112.97	0.0001	P	45.8
3	☐	1.000	0.836	714.85	0.0009	P	11.6
4	☐	50.000	46.376	37757.73	0.0466	P	1.6
5	☐	125.000	114.099	94373.74	0.1146	P	1.4
6	☐	250.000	231.011	192298.82	0.2319	P	0.7
7	☐	500.000	489.938	388197.98	0.4918	P	0.1
8	☐	1000.000	1011.322	767000.23	1.0151	P	1.0
9	☐			514.84	0.0008	P	7.6

$$y = 0.0010 * x + 5.3766E-005$$

$$R = 0.9997$$

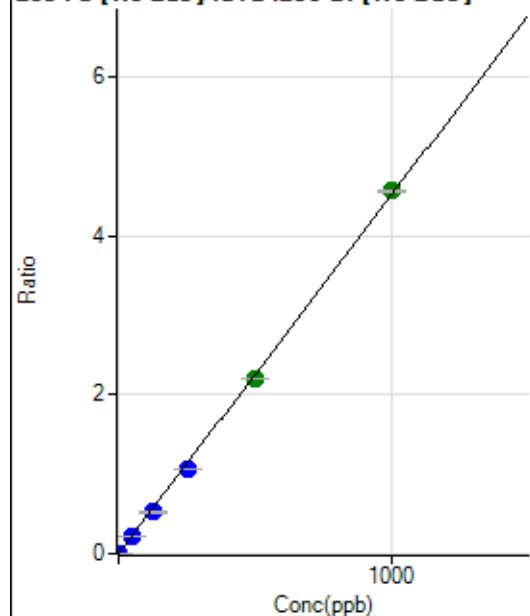
$$DL = 0.05344$$

$$BEC = 0.05357$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	179.64	0.0002	P	11.5
2	☐	0.100	0.071	438.90	0.0005	P	18.2
3	☐	1.000	0.871	3329.89	0.0042	P	5.0
4	☐	50.000	47.421	173671.84	0.2143	P	1.3
5	☐	125.000	115.491	429726.11	0.5217	P	1.1
6	☐	250.000	234.715	878910.64	1.0600	P	1.0
7	☐	500.000	487.635	1738122.83	2.2020	A	0.1
8	☐	1000.000	1011.322	3450519.25	4.5665	A	0.5
9	☐			2522.40	0.0039	P	6.2

$$y = 0.0045 * x + 2.2641E-004$$

$$R = 0.9997$$

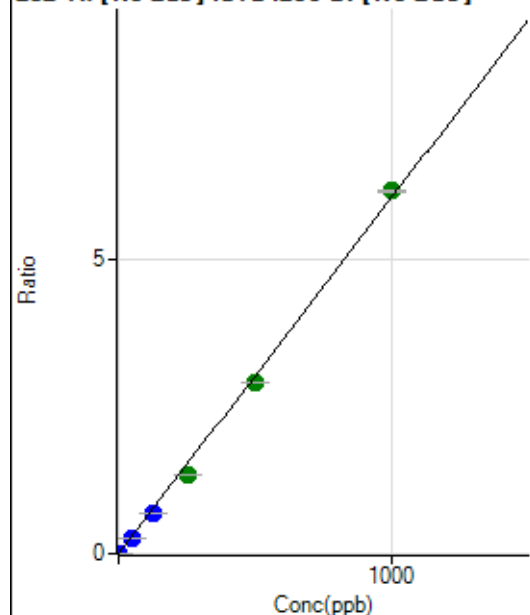
$$DL = 0.01726$$

$$BEC = 0.05014$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	43.6
2	☐	0.100	0.072	374.09	0.0005	P	7.2
3	☐	1.000	0.765	3713.60	0.0046	P	5.9
4	☐	50.000	44.957	219723.30	0.2712	P	1.5
5	☐	125.000	112.084	556880.66	0.6760	P	1.0
6	☐	250.000	222.278	1111631.85	1.3407	A	0.7
7	☐	500.000	479.419	2282405.78	2.8915	A	0.3
8	☐	1000.000	1019.088	4644359.94	6.1464	A	0.5
9	☐			790.79	0.0012	P	25.9

$$y = 0.0060 * x + 2.8038E-005$$

$$R = 0.9993$$

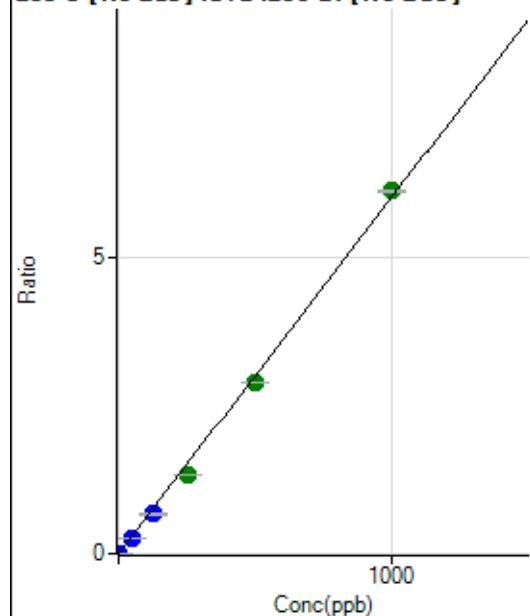
$$DL = 0.006079$$

$$BEC = 0.004649$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	173.
2	☐	0.100	0.082	402.80	0.0005	P	5.0
3	☐	1.000	0.823	3961.89	0.0049	P	3.8
4	☐	50.000	44.385	215959.08	0.2665	P	1.0
5	☐	125.000	111.181	549904.92	0.6676	P	1.8
6	☐	250.000	222.927	1109982.72	1.3386	A	0.4
7	☐	500.000	479.824	2274324.53	2.8813	A	0.6
8	☐	1000.000	1018.865	4622912.52	6.1181	A	0.4
9	☐			355.58	0.0006	P	32.6

$$y = 0.0060 * x + 6.9545E-006$$

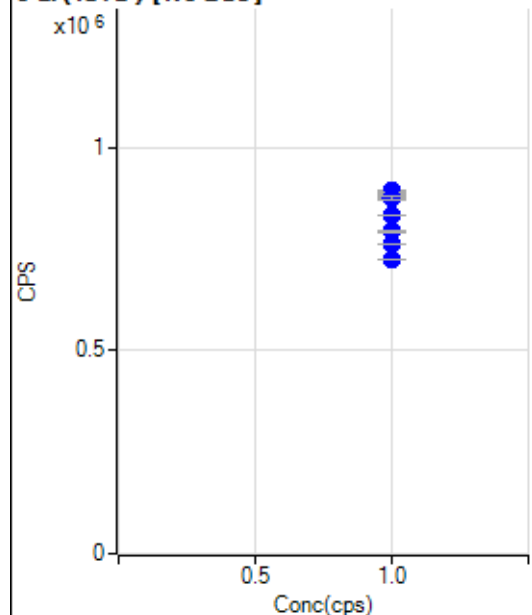
$$R = 0.9993$$

$$DL = 0.006018$$

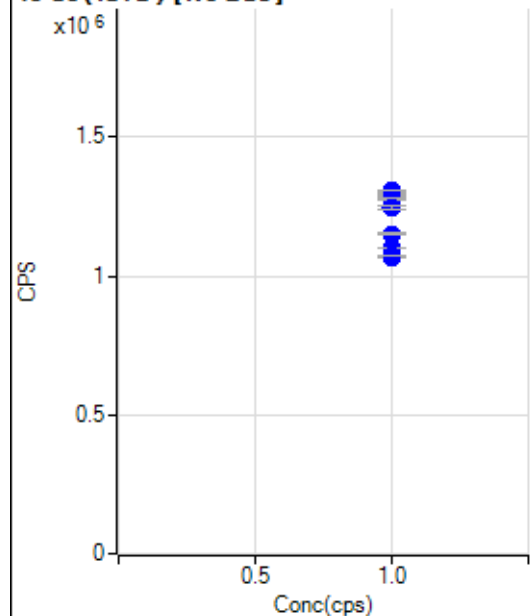
$$BEC = 0.001158$$

Weight: <None>

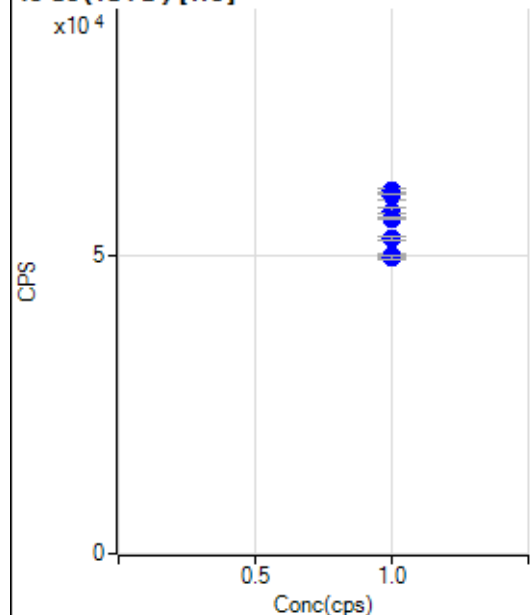
Min Conc: 0

6 Li (ISTD) [No Gas]

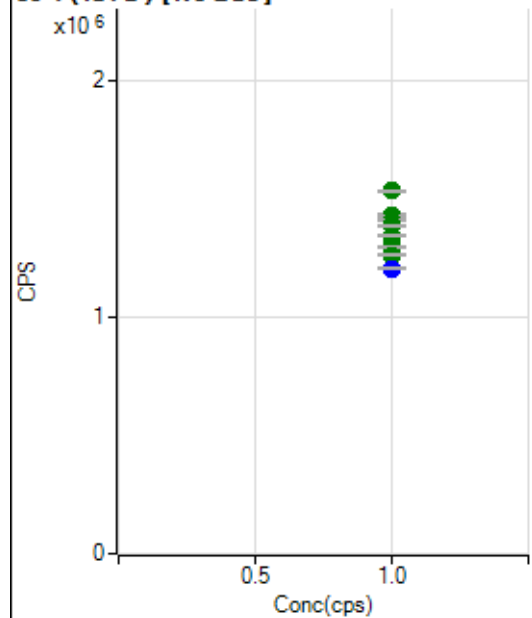
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		877701.59		P	0.3
2	☐	1.000		890292.44		P	0.7
3	☐	1.000		893847.83		P	0.2
4	☐	1.000		888948.90		P	0.4
5	☐	1.000		875550.90		P	0.8
6	☐	1.000		834077.70		P	0.2
7	☐	1.000		794491.55		P	0.3
8	☐	1.000		762141.41		P	0.3
9	☐	1.000		724831.03		P	0.2

45 Sc (ISTD) [No Gas]

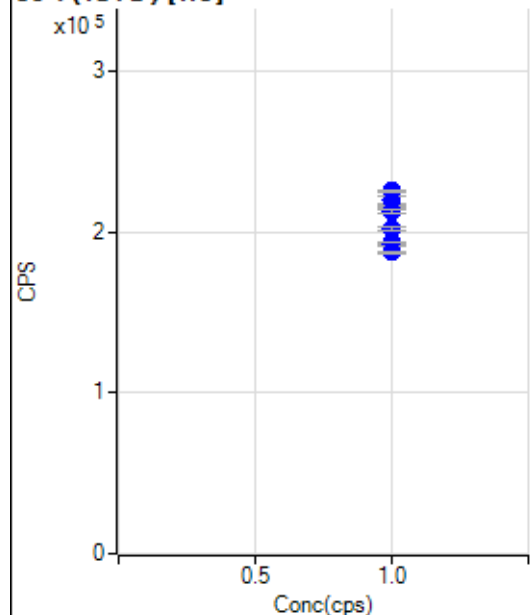
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1282372.94		P	0.5
2	☐	1.000		1298966.15		P	0.3
3	☐	1.000		1306788.88		P	0.2
4	☐	1.000		1275163.12		P	0.5
5	☐	1.000		1246251.87		P	1.1
6	☐	1.000		1153029.75		P	0.2
7	☐	1.000		1103048.81		P	0.2
8	☐	1.000		1064657.92		P	0.2
9	☐	1.000		1072903.42		P	0.4

45 Sc (ISTD) [He]

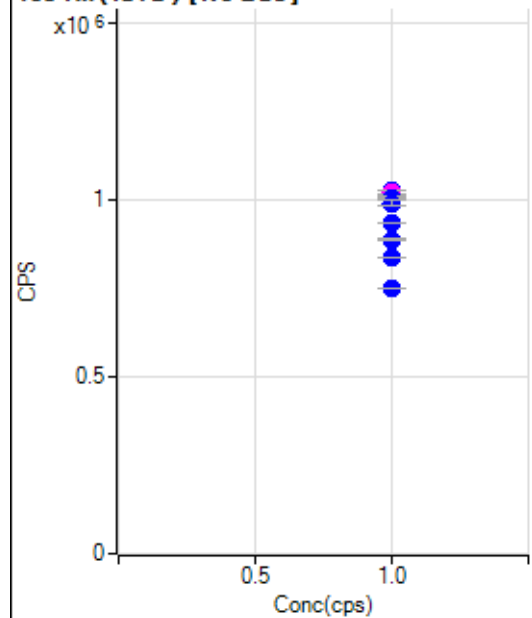
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		59897.23		P	1.5
2	☐	1.000		60874.51		P	0.9
3	☐	1.000		60379.18		P	0.2
4	☐	1.000		57506.66		P	1.7
5	☐	1.000		56238.59		P	0.8
6	☐	1.000		52983.26		P	0.9
7	☐	1.000		49880.37		P	0.5
8	☐	1.000		50088.94		P	0.9
9	☐	1.000		49711.04		P	1.8

89 Y (ISTD) [No Gas]

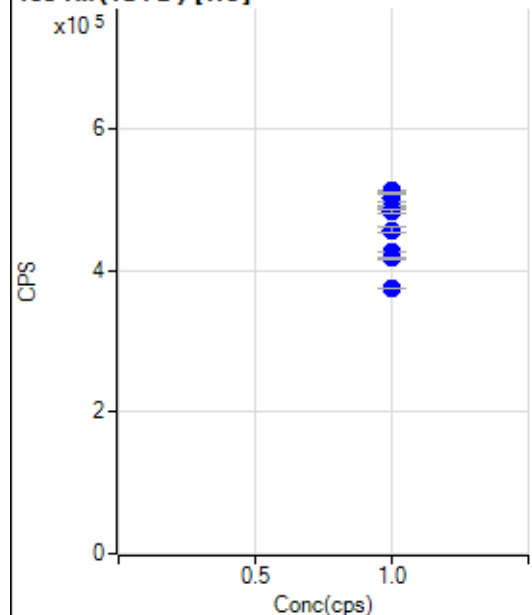
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1532601.03		A	0.6
2	☐	1.000		1430489.32		A	0.5
3	☐	1.000		1424938.75		A	0.5
4	☐	1.000		1407864.83		A	0.9
5	☐	1.000		1386182.88		A	0.8
6	☐	1.000		1341678.14		A	0.7
7	☐	1.000		1297266.13		A	0.5
8	☐	1.000		1262052.13		A	0.7
9	☐	1.000		1204177.04		P	0.6

89 Y(ISTD) [He]

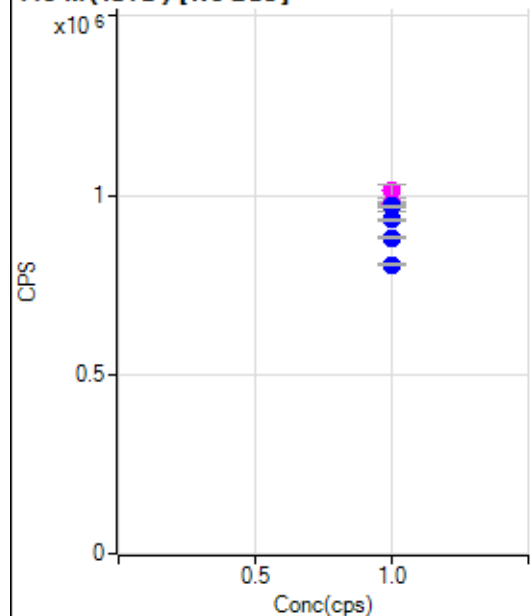
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		220383.46		P	2.0
2	☐	1.000		225479.65		P	0.4
3	☐	1.000		225607.83		P	0.4
4	☐	1.000		215765.51		P	1.0
5	☐	1.000		213060.87		P	1.3
6	☐	1.000		202309.30		P	1.0
7	☐	1.000		193166.01		P	0.5
8	☐	1.000		192907.48		P	1.1
9	☐	1.000		187498.29		P	0.7

103 Rh(ISTD) [No Gas]

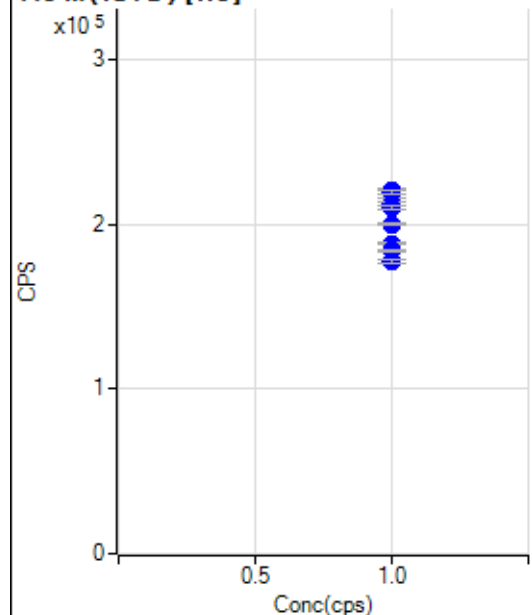
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1014070.04		P	0.7
2	☐	1.000		1026285.07		P	0.1
3	☐	1.000		1020481.64		M	1.0
4	☐	1.000		1007952.81		P	0.7
5	☐	1.000		992542.25		P	1.2
6	☐	1.000		934340.74		P	0.2
7	☐	1.000		888328.34		P	0.4
8	☐	1.000		838523.70		P	0.3
9	☐	1.000		751578.52		P	0.4

103 Rh (ISTD) [He]

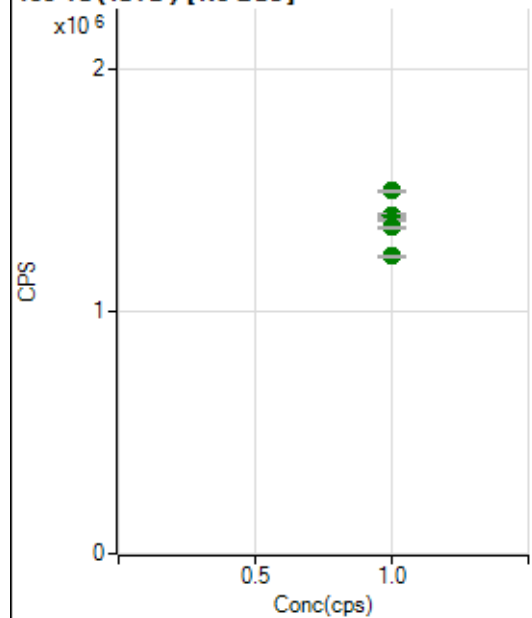
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		502200.07		P	2.6
2	☐	1.000		512085.45		P	0.2
3	☐	1.000		509071.88		P	0.6
4	☐	1.000		489822.83		P	0.6
5	☐	1.000		482106.94		P	1.1
6	☐	1.000		457157.14		P	1.4
7	☐	1.000		426130.48		P	0.4
8	☐	1.000		417002.95		P	0.6
9	☐	1.000		374522.79		P	0.4

115 In (ISTD) [No Gas]

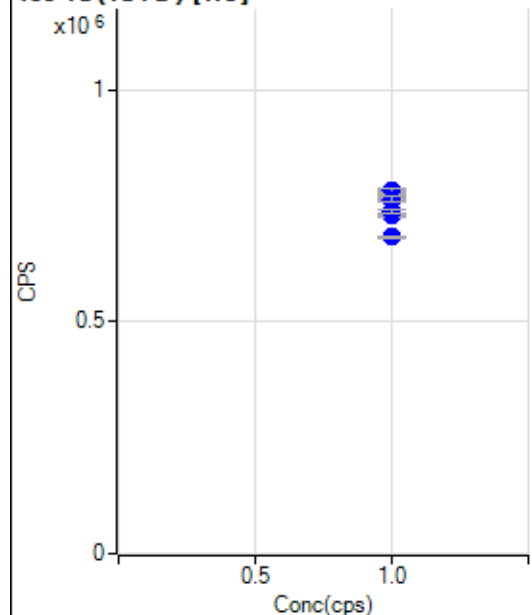
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1012044.61		M	3.5
2	☐	1.000		976354.69		A	1.2
3	☐	1.000		975837.25		A	0.6
4	☐	1.000		974256.46		M	1.7
5	☐	1.000		968176.19		M	2.5
6	☐	1.000		968505.54		P	0.3
7	☐	1.000		932216.59		P	0.6
8	☐	1.000		881413.30		P	0.8
9	☐	1.000		806504.60		P	0.5

115 In (ISTD) [He]

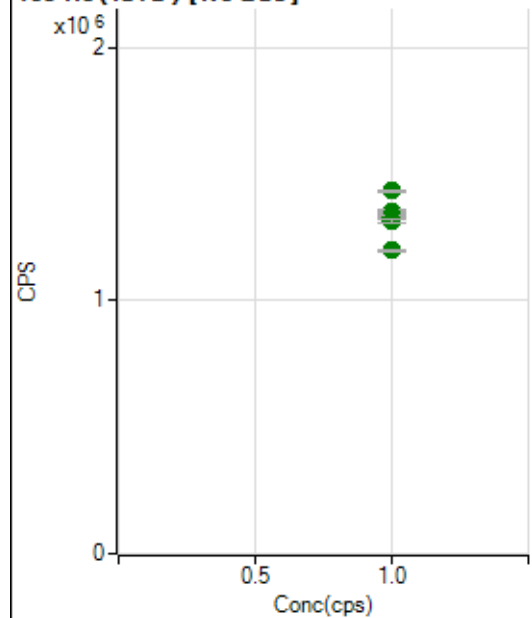
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		218120.75		P	1.9
2	☐	1.000		220200.28		P	1.4
3	☐	1.000		219493.47		P	0.7
4	☐	1.000		212593.76		P	0.9
5	☐	1.000		210358.77		P	1.1
6	☐	1.000		200037.83		P	1.0
7	☐	1.000		188467.19		P	0.3
8	☐	1.000		184335.90		P	0.7
9	☐	1.000		177471.94		P	1.1

159 Tb (ISTD) [No Gas]

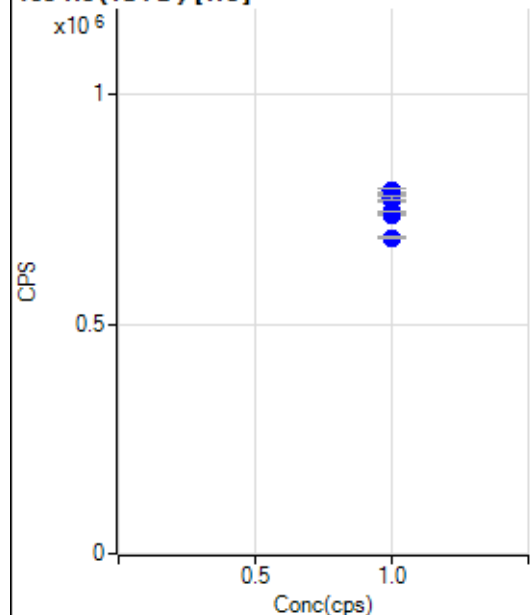
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1495948.08		A	0.8
2	☐	1.000		1391940.76		A	1.2
3	☐	1.000		1371899.60		A	0.5
4	☐	1.000		1383192.03		A	1.2
5	☐	1.000		1398581.80		A	0.9
6	☐	1.000		1395627.36		A	0.8
7	☐	1.000		1374350.00		A	0.5
8	☐	1.000		1346812.79		A	0.6
9	☐	1.000		1227975.43		A	0.7

159 Tb (ISTD) [He]

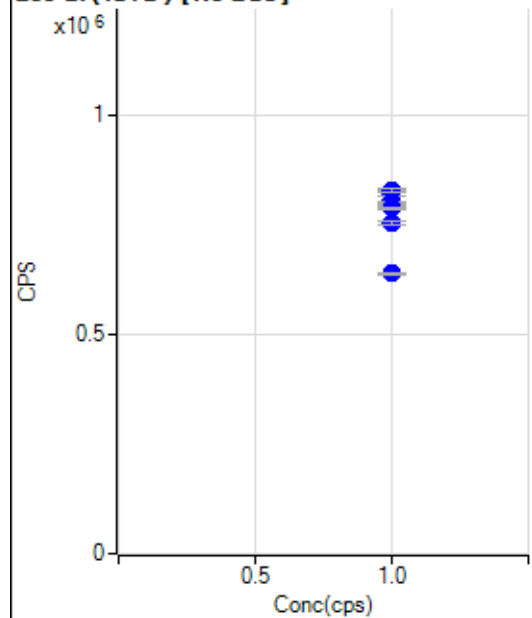
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		770304.22		P	2.2
2	☐	1.000		780730.27		P	0.3
3	☐	1.000		774509.34		P	0.3
4	☐	1.000		770612.12		P	0.6
5	☐	1.000		782500.76		P	1.3
6	☐	1.000		764646.18		P	1.4
7	☐	1.000		728296.33		P	0.6
8	☐	1.000		738035.41		P	1.0
9	☐	1.000		682419.52		P	0.5

165 Ho (ISTD) [No Gas]

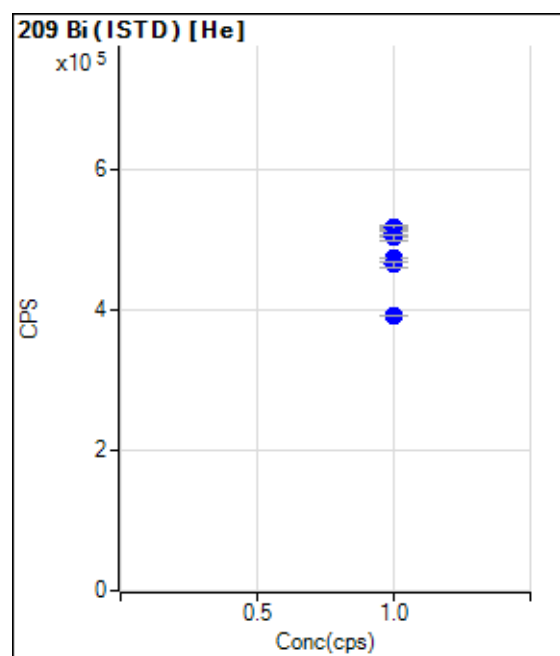
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1432289.08		A	0.2
2	☐	1.000		1335118.57		A	0.3
3	☐	1.000		1324633.28		A	0.4
4	☐	1.000		1330596.33		A	1.3
5	☐	1.000		1344979.38		A	0.6
6	☐	1.000		1354671.36		A	0.8
7	☐	1.000		1337745.32		A	0.3
8	☐	1.000		1312521.17		A	1.0
9	☐	1.000		1198659.60		A	0.5

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		774766.32		P	1.3
2	☐	1.000		787690.25		P	0.4
3	☐	1.000		783654.27		P	1.0
4	☐	1.000		770993.18		P	0.5
5	☐	1.000		790766.84		P	1.6
6	☐	1.000		774235.63		P	1.2
7	☐	1.000		739621.07		P	0.3
8	☐	1.000		745827.55		P	0.4
9	☐	1.000		689287.27		P	0.5

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		793247.65		P	0.6
2	☐	1.000		804336.10		P	0.3
3	☐	1.000		800437.75		P	0.5
4	☐	1.000		810334.35		P	1.3
5	☐	1.000		823829.09		P	1.7
6	☐	1.000		829211.36		P	1.0
7	☐	1.000		789343.16		P	0.7
8	☐	1.000		755629.42		P	0.8
9	☐	1.000		639512.42		P	0.8



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		510539.42		P	2.4
2	☐	1.000		513467.98		P	0.5
3	☐	1.000		513433.49		P	0.5
4	☐	1.000		505728.52		P	0.9
5	☐	1.000		517127.33		P	1.3
6	☐	1.000		503480.91		P	1.5
7	☐	1.000		474314.01		P	0.3
8	☐	1.000		465117.60		P	1.5
9	☐	1.000		391792.62		P	0.6

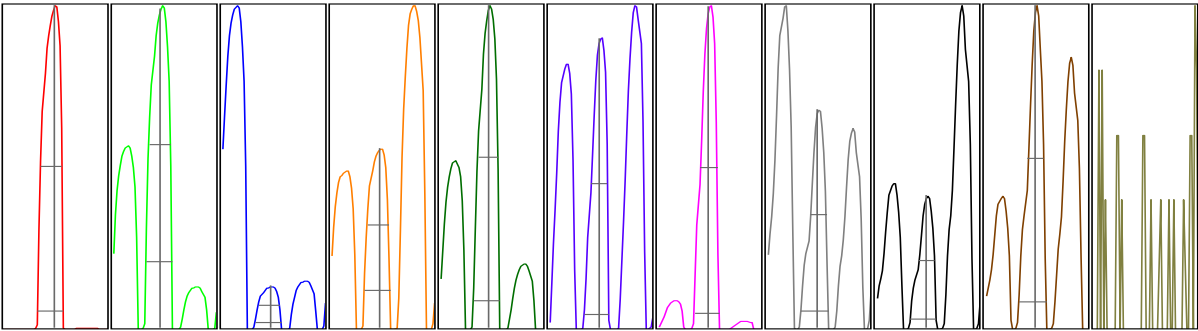
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7072419-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	3161	2.35	5.00	
24	27404	2.32	5.00	
25	3724	2.44	5.00	
26	4289	2.31	5.00	
59	12371	2.32	5.00	
113	1123	2.73	5.00	
115	13879	2.75	5.00	
206	3107	2.26	5.00	
207	2882	2.19	5.00	
208	6829	2.09	5.00	
220	0	104.58		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	3280	3185	3107	3125	3107
24	28407	27677	26969	27009	26959
25	3865	3763	3689	3657	3645
26	4437	4346	4212	4219	4231
59	12812	12505	12129	12238	12169
113	1161	1149	1115	1093	1098
115	14458	14076	13678	13567	13617
206	3224	3118	3054	3078	3061
207	2970	2929	2844	2836	2833
208	7055	6880	6701	6762	6745
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	5405	9.00	8.9 - 9.1		0.739	0.900	
24	45409	23.90	23.9 - 24.1		0.747	0.900	
25	6043	24.95	24.9 - 25.1		0.754	0.900	
26	6894	25.95	25.9 - 26.1		0.738	0.900	
59	22060	58.95	58.9 - 59.1		0.756	0.900	
113	2272	113.00	112.9 - 113.1		0.711	0.900	
115	28223	115.00	114.9 - 115.1		0.728	0.900	
206	6264	206.00	205.9 - 206.1		0.791	0.900	
207	5726	207.00	206.9 - 207.1		0.742	0.900	
208	13878	208.00	207.9 - 208.1		0.792	0.900	
220	0	219.85	-		0.175		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.1	V	Deflect	13.8	V
Extract 2	-110.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	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	170	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	2957	0.44	
89	4755	0.61	
205	2844	0.53	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	2977	2957	2959	2945	2946
89	4795	4757	4719	4767	4738
205	2864	2824	2837	2844	2851

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	8.3	V	Deflect	1.8	V
Extract 2	-125.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-65	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 : LB104210 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 17:37:12 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.55	0.11	0.44	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.08	0.08	0.00	0.00	N/A	ppb
Barium	135-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	137-1	-0.02	0.03	-0.02	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.09	0.23	-0.31	0.00	N/A	ppb
Boron	11-1	0.09	-0.08	-0.01	0.00	N/A	ppb
Cadmium	111-1	-0.07	0.01	0.06	0.00	N/A	ppb
Cadmium	106-1	-1.04	0.23	0.81	0.00	N/A	ppb
Cadmium	108-1	-0.06	0.11	-0.06	0.00	N/A	ppb
Calcium	43-1	3.99	1.57	-5.56	0.00	N/A	ppb
Calcium	44-1	-0.88	0.66	0.22	0.00	N/A	ppb
Chromium	52-2	-0.02	0.04	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	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	0.15	-0.12	-0.03	0.00	N/A	ppb
Iron	57-2	-0.08	-0.73	0.81	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	-0.02	0.02	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.35	-0.53	0.18	0.00	N/A	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:37:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.02	0.00	N/A	ppb
Phosphorus	31-2	-7.03	-19.63	-19.66	-15.44		ppb
Potassium	39-2	4.83	-2.61	-2.23	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.39	-0.48	-0.91	0.00	N/A	ppb
Selenium	82-1	0.10	-0.03	-0.07	0.00	N/A	ppb
Silicon	28-1	0.62	-0.46	-0.17	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sodium	23-2	-0.17	1.06	-0.89	0.00	N/A	ppb
Strontium	86-1	0.06	-0.01	-0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	50.40	125.86	95.86	90.71	41.88	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Thallium	205-1	0.00	-0.01	0.01	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	-0.01	0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:37:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.20	0.23	-0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.03	-0.03	0.00	0.00	N/A	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : S1 Instrumnet Name : P7
 Client Sample ID : S1 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 17:40:48 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	2.42	3.05	1.97	68.89	ppb
Antimony	121-1	0.20	0.22	0.19	0.20	7.00	ppb
Arsenic	75-1	-0.09	-0.08	0.16	0.00		ppb
Barium	135-1	0.81	1.22	0.92	0.98	21.50	ppb
Barium	137-1	1.17	1.03	1.14	1.11	6.72	ppb
Beryllium	9-1	0.10	0.10	0.09	0.09	3.67	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	2.60	1.70	1.89	2.06	22.97	ppb
Boron	11-1	2.26	2.53	1.67	2.15	20.47	ppb
Cadmium	111-1	0.30	0.31	0.17	0.26	28.51	ppb
Cadmium	106-1	2.68	2.56	0.92	2.05	47.89	ppb
Cadmium	108-1	-0.06	-0.06	0.12	0.00	3016.49	ppb
Calcium	43-1	42.98	57.24	42.72	47.65	17.44	ppb
Calcium	44-1	49.71	48.30	46.68	48.23	3.15	ppb
Chromium	52-2	0.28	0.13	0.20	0.21	36.10	ppb
Cobalt	59-2	0.06	0.11	0.09	0.09	29.26	ppb
Copper	63-2	0.26	0.33	0.18	0.26	29.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	5.69	5.30	5.02	5.34	6.34	ppb
Iron	57-2	4.97	3.34	1.73	3.35	48.41	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.07	0.08	14.23	ppb
Lead	207-1	0.14	0.02	0.10	0.09	74.16	ppb
Lead	208-1	0.10	0.05	0.06	0.07	31.03	ppb
Lithium	6-1				101		%
Magnesium	24-2	52.05	50.97	52.22	51.75	1.30	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:40:48	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.13	0.11	0.10	0.12	13.04	ppb
Molybdenum	94-1	0.48	0.51	0.38	0.46	15.12	ppb
Molybdenum	95-1	0.42	0.40	0.67	0.50	29.82	ppb
Molybdenum	96-1	0.35	0.36	0.52	0.41	23.97	ppb
Molybdenum	97-1	0.55	0.50	0.41	0.49	14.52	ppb
Molybdenum	98-1	0.47	0.40	0.45	0.44	7.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.09	0.13	0.08	53.21	ppb
Phosphorus	31-2	-7.90	-25.62	8.70	-8.27		ppb
Potassium	39-2	47.96	49.24	52.03	49.74	4.19	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	2.13	0.71	173.21	ppb
Selenium	78-2	-0.55	-0.57	-0.56	-0.56		ppb
Selenium	82-1	0.10	1.81	0.98	0.96	89.01	ppb
Silicon	28-1	-0.78	0.23	-0.83	-0.46		ppb
Silver	109-1	0.07	0.12	0.09	0.09	24.11	ppb
Silver	107-1	0.08	0.06	0.09	0.08	23.22	ppb
Sodium	23-2	52.09	45.47	44.90	47.49	8.42	ppb
Strontium	86-1	0.14	0.25	0.08	0.16	54.17	ppb
Strontium	88-1	0.08	0.07	0.09	0.08	12.86	ppb
Sulfur	34-1	111.75	-43.68	-42.76	8.44	1060.71	ppb
Terbium	159-1				93		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.09	0.08	0.08	20.01	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	9.16	ppb
Thorium	232-1	0.07	0.07	0.08	0.07	7.64	ppb
Tin	118-1	0.41	0.43	0.39	0.41	5.10	ppb
Titanium	47-1	0.48	0.38	0.32	0.39	20.26	ppb
Uranium	238-1	0.08	0.08	0.09	0.08	5.04	ppb
Vanadium	51-2	0.39	0.56	0.49	0.48	17.41	ppb
Yttrium	89-1				93		%
Yttrium	89-2				102		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:40:48	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.06	0.35	0.18	0.19	76.37	ppb
Zirconium	90-1	0.11	0.07	0.07	0.08	24.30	ppb
Zirconium	91-1	0.20	0.11	0.11	0.14	34.77	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:45:04	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.48	21.08	19.75	20.10	4.26	ppb
Antimony	121-1	2.08	1.99	2.05	2.04	2.32	ppb
Arsenic	75-1	0.73	0.28	1.18	0.73	61.90	ppb
Barium	135-1	9.62	9.50	10.68	9.93	6.52	ppb
Barium	137-1	10.39	10.47	10.44	10.43	0.40	ppb
Beryllium	9-1	1.06	1.05	0.97	1.03	5.06	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	21.03	24.02	23.69	22.92	7.15	ppb
Boron	11-1	23.82	23.61	23.52	23.65	0.64	ppb
Cadmium	111-1	1.23	1.06	1.14	1.14	7.49	ppb
Cadmium	106-1	5.02	1.44	4.21	3.56	52.84	ppb
Cadmium	108-1	1.41	1.40	1.04	1.28	16.42	ppb
Calcium	43-1	479.75	508.87	455.97	481.53	5.50	ppb
Calcium	44-1	501.23	476.39	487.59	488.40	2.55	ppb
Chromium	52-2	2.05	1.97	2.13	2.05	3.93	ppb
Cobalt	59-2	0.96	1.01	0.91	0.96	5.29	ppb
Copper	63-2	2.06	2.04	1.79	1.97	7.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	54.53	57.41	56.57	56.17	2.64	ppb
Iron	57-2	52.20	55.64	57.19	55.01	4.64	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.97	0.79	0.88	10.29	ppb
Lead	207-1	0.84	0.94	0.73	0.84	12.35	ppb
Lead	208-1	0.86	0.92	0.83	0.87	5.31	ppb
Lithium	6-1				102		%
Magnesium	24-2	532.27	530.70	521.53	528.17	1.10	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:45:04	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.89	1.04	1.00	0.98	7.78	ppb
Molybdenum	94-1	4.53	4.25	4.29	4.36	3.42	ppb
Molybdenum	95-1	4.88	4.43	4.40	4.57	5.91	ppb
Molybdenum	96-1	4.39	4.72	4.58	4.56	3.66	ppb
Molybdenum	97-1	4.78	4.70	4.72	4.73	0.93	ppb
Molybdenum	98-1	4.40	4.63	4.45	4.49	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.91	0.74	0.84	10.88	ppb
Phosphorus	31-2	15.57	-13.81	44.56	15.44	189.05	ppb
Potassium	39-2	504.37	498.19	495.14	499.23	0.94	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	8.50	2.12	2.14	4.25	86.48	ppb
Selenium	78-2	4.01	9.63	4.41	6.02	52.08	ppb
Selenium	82-1	5.63	5.92	4.90	5.48	9.60	ppb
Silicon	28-1	7.21	7.66	6.38	7.09	9.17	ppb
Silver	109-1	1.02	1.19	1.12	1.11	7.87	ppb
Silver	107-1	1.04	0.94	1.21	1.06	12.80	ppb
Sodium	23-2	504.79	506.94	513.50	508.41	0.89	ppb
Strontium	86-1	0.80	0.92	0.88	0.87	7.35	ppb
Strontium	88-1	0.93	1.00	0.91	0.95	5.15	ppb
Sulfur	34-1	-124.30	38.77	-186.59	-90.71		ppb
Terbium	159-1				92		%
Terbium	159-2				101		%
Thallium	203-1	0.97	0.79	0.85	0.87	10.62	ppb
Thallium	205-1	0.86	0.90	0.91	0.89	3.35	ppb
Thorium	232-1	0.76	0.72	0.81	0.76	5.89	ppb
Tin	118-1	5.23	4.89	4.97	5.03	3.51	ppb
Titanium	47-1	5.19	4.78	5.00	4.99	4.12	ppb
Uranium	238-1	0.86	0.81	0.80	0.82	3.78	ppb
Vanadium	51-2	5.13	5.26	4.93	5.11	3.28	ppb
Yttrium	89-1				93		%
Yttrium	89-2				102		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:45:04	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.32	1.70	2.17	1.73	24.88	ppb
Zirconium	90-1	0.91	0.85	0.83	0.86	4.60	ppb
Zirconium	91-1	1.08	0.84	1.17	1.03	16.44	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:49:01	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1043.08	1062.62	1047.59	1051.10	0.97	ppb
Antimony	121-1	52.74	51.98	50.67	51.80	2.02	ppb
Arsenic	75-1	51.88	51.51	51.45	51.61	0.45	ppb
Barium	135-1	260.15	254.09	251.22	255.15	1.79	ppb
Barium	137-1	263.70	263.06	256.86	261.21	1.45	ppb
Beryllium	9-1	52.26	52.44	52.39	52.37	0.18	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	50.26	46.53	48.88	48.56	3.89	ppb
Boron	11-1	49.07	49.15	50.56	49.59	1.68	ppb
Cadmium	111-1	53.32	51.95	51.39	52.22	1.90	ppb
Cadmium	106-1	51.65	58.80	56.18	55.54	6.51	ppb
Cadmium	108-1	47.12	52.75	50.09	49.98	5.64	ppb
Calcium	43-1	5262.16	5276.83	5245.50	5261.50	0.30	ppb
Calcium	44-1	5173.68	5110.76	5092.78	5125.74	0.83	ppb
Chromium	52-2	51.27	50.06	51.73	51.02	1.69	ppb
Cobalt	59-2	51.52	51.11	52.11	51.58	0.97	ppb
Copper	63-2	103.57	102.63	104.82	103.67	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	2731.62	2661.64	2744.04	2712.43	1.64	ppb
Iron	57-2	2661.88	2661.55	2674.21	2665.88	0.27	ppb
Krypton	83-1						cps
Lead	206-1	48.71	47.79	48.47	48.32	0.99	ppb
Lead	207-1	47.23	45.94	45.96	46.38	1.59	ppb
Lead	208-1	48.14	46.99	47.13	47.42	1.32	ppb
Lithium	6-1				101		%
Magnesium	24-2	5328.01	5237.73	5421.92	5329.22	1.73	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:49:01	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.09	97.06	100.43	98.53	1.75	ppb
Molybdenum	94-1	253.80	248.24	246.80	249.61	1.48	ppb
Molybdenum	95-1	255.86	249.96	247.14	250.99	1.77	ppb
Molybdenum	96-1	257.15	248.43	248.49	251.36	2.00	ppb
Molybdenum	97-1	258.02	254.54	252.33	254.96	1.12	ppb
Molybdenum	98-1	253.95	249.48	249.09	250.84	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.52	54.53	54.29	54.78	1.19	ppb
Phosphorus	31-2	1052.88	1009.77	1086.03	1049.56	3.64	ppb
Potassium	39-2	2616.01	2546.33	2587.75	2583.36	1.36	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	58.51	26.59	53.06	46.05	37.07	ppb
Selenium	78-2	47.33	52.42	44.97	48.24	7.90	ppb
Selenium	82-1	49.05	50.77	50.09	49.97	1.74	ppb
Silicon	28-1	54.30	53.59	52.03	53.31	2.18	ppb
Silver	109-1	54.73	54.06	52.93	53.91	1.68	ppb
Silver	107-1	54.22	54.32	54.00	54.18	0.30	ppb
Sodium	23-2	5168.21	5041.21	5177.27	5128.90	1.48	ppb
Strontium	86-1	50.59	49.69	48.67	49.65	1.94	ppb
Strontium	88-1	50.16	50.05	49.62	49.94	0.57	ppb
Sulfur	34-1	1060.58	912.70	899.96	957.75	9.32	ppb
Terbium	159-1				92		%
Terbium	159-2				100		%
Thallium	203-1	45.59	45.21	45.15	45.32	0.52	ppb
Thallium	205-1	46.98	45.64	45.88	46.17	1.55	ppb
Thorium	232-1	45.72	44.64	44.51	44.96	1.47	ppb
Tin	118-1	52.52	49.45	48.79	50.26	3.96	ppb
Titanium	47-1	254.01	248.92	248.38	250.44	1.24	ppb
Uranium	238-1	44.88	43.99	44.29	44.38	1.02	ppb
Vanadium	51-2	50.93	48.52	50.63	50.03	2.62	ppb
Yttrium	89-1				92		%
Yttrium	89-2				98		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:49:01	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	94.02	101.02	92.59	95.88	4.70	ppb
Zirconium	90-1	49.87	49.05	47.93	48.95	1.99	ppb
Zirconium	91-1	49.30	50.65	50.97	50.31	1.76	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:52:58	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2480.12	2559.76	2515.51	2518.46	1.58	ppb
Antimony	121-1	126.72	123.71	123.91	124.78	1.35	ppb
Arsenic	75-1	126.96	124.93	124.84	125.58	0.95	ppb
Barium	135-1	620.41	603.82	615.00	613.08	1.38	ppb
Barium	137-1	634.11	624.14	630.16	629.47	0.80	ppb
Beryllium	9-1	125.64	125.83	122.75	124.74	1.38	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	120.89	119.67	119.38	119.98	0.67	ppb
Boron	11-1	119.25	119.20	121.61	120.02	1.15	ppb
Cadmium	111-1	125.51	123.00	122.27	123.59	1.37	ppb
Cadmium	106-1	130.32	130.37	127.44	129.37	1.30	ppb
Cadmium	108-1	121.19	127.86	125.29	124.78	2.70	ppb
Calcium	43-1	12718.26	12525.54	12470.09	12571.30	1.04	ppb
Calcium	44-1	12251.55	12109.55	12012.62	12124.57	0.99	ppb
Chromium	52-2	118.73	119.75	119.36	119.28	0.43	ppb
Cobalt	59-2	121.07	122.92	123.97	122.65	1.20	ppb
Copper	63-2	232.11	234.53	232.43	233.02	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				94		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	6204.02	6191.91	6166.28	6187.40	0.31	ppb
Iron	57-2	6246.65	6268.57	6258.19	6257.80	0.18	ppb
Krypton	83-1						cps
Lead	206-1	118.28	114.81	116.12	116.40	1.50	ppb
Lead	207-1	115.54	112.44	114.32	114.10	1.37	ppb
Lead	208-1	116.65	114.05	115.78	115.49	1.15	ppb
Lithium	6-1				100		%
Magnesium	24-2	12606.33	12710.73	12845.42	12720.83	0.94	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 17:52:58 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	239.07	242.27	239.72	240.35	0.70	ppb
Molybdenum	94-1	613.22	608.43	604.72	608.79	0.70	ppb
Molybdenum	95-1	623.64	618.30	609.05	617.00	1.20	ppb
Molybdenum	96-1	618.91	616.42	605.33	613.55	1.18	ppb
Molybdenum	97-1	628.57	620.07	615.30	621.31	1.08	ppb
Molybdenum	98-1	615.15	608.59	595.06	606.27	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.69	126.59	125.19	123.49	3.42	ppb
Phosphorus	31-2	2396.18	2445.92	2581.94	2474.68	3.89	ppb
Potassium	39-2	6073.63	6129.24	6200.34	6134.40	1.04	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	118.95	119.06	124.80	120.94	2.77	ppb
Selenium	78-2	112.96	123.53	119.20	118.57	4.48	ppb
Selenium	82-1	125.87	124.62	126.57	125.69	0.78	ppb
Silicon	28-1	123.78	121.56	123.67	123.00	1.02	ppb
Silver	109-1	127.29	126.81	126.00	126.70	0.52	ppb
Silver	107-1	127.55	126.61	128.15	127.44	0.61	ppb
Sodium	23-2	12108.81	12188.07	12252.93	12183.27	0.59	ppb
Strontium	86-1	120.38	118.87	119.35	119.54	0.65	ppb
Strontium	88-1	122.92	121.78	119.76	121.48	1.32	ppb
Sulfur	34-1	2003.89	1595.71	1792.49	1797.37	11.36	ppb
Terbium	159-1				93		%
Terbium	159-2				102		%
Thallium	203-1	112.92	111.13	113.38	112.48	1.06	ppb
Thallium	205-1	115.97	115.13	114.45	115.18	0.66	ppb
Thorium	232-1	112.98	110.88	112.40	112.08	0.97	ppb
Tin	118-1	121.68	119.28	119.72	120.23	1.06	ppb
Titanium	47-1	598.79	596.64	593.46	596.30	0.45	ppb
Uranium	238-1	113.20	109.27	111.07	111.18	1.77	ppb
Vanadium	51-2	117.64	119.12	118.78	118.52	0.65	ppb
Yttrium	89-1				90		%
Yttrium	89-2				97		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:52:58	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	226.51	224.99	230.57	227.36	1.27	ppb
Zirconium	90-1	120.02	119.50	117.68	119.07	1.03	ppb
Zirconium	91-1	121.22	123.17	121.81	122.07	0.82	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:56:54	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5051.76	5045.39	4871.89	4989.68	2.05	ppb
Antimony	121-1	250.88	248.10	246.28	248.42	0.93	ppb
Arsenic	75-1	242.33	246.09	239.75	242.72	1.32	ppb
Barium	135-1	1242.66	1236.36	1217.23	1232.08	1.08	ppb
Barium	137-1	1273.92	1258.44	1255.71	1262.69	0.78	ppb
Beryllium	9-1	248.34	244.03	244.74	245.70	0.94	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	237.72	231.98	244.86	238.18	2.71	ppb
Boron	11-1	236.86	240.49	246.27	241.21	1.97	ppb
Cadmium	111-1	242.21	242.35	242.52	242.36	0.07	ppb
Cadmium	106-1	251.12	246.56	233.62	243.77	3.72	ppb
Cadmium	108-1	256.35	243.67	227.49	242.50	5.97	ppb
Calcium	43-1	26194.06	25853.15	25918.54	25988.58	0.70	ppb
Calcium	44-1	25118.92	24994.38	24904.83	25006.04	0.43	ppb
Chromium	52-2	238.14	240.28	235.93	238.12	0.91	ppb
Cobalt	59-2	240.34	243.15	237.49	240.33	1.18	ppb
Copper	63-2	462.63	462.08	454.83	459.85	0.95	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				95		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	12500.78	12349.41	12142.10	12330.76	1.46	ppb
Iron	57-2	12356.23	12364.01	12119.49	12279.91	1.13	ppb
Krypton	83-1						cps
Lead	206-1	235.07	238.94	231.07	235.02	1.67	ppb
Lead	207-1	232.64	231.12	229.28	231.01	0.73	ppb
Lead	208-1	235.46	236.53	232.15	234.71	0.97	ppb
Lithium	6-1				95		%
Magnesium	24-2	24639.75	24684.87	24137.49	24487.37	1.24	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:56:54	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	480.62	477.32	467.10	475.02	1.48	ppb
Molybdenum	94-1	1222.89	1224.23	1212.45	1219.85	0.53	ppb
Molybdenum	95-1	1238.37	1232.31	1212.19	1227.62	1.12	ppb
Molybdenum	96-1	1238.39	1237.95	1228.49	1234.94	0.45	ppb
Molybdenum	97-1	1259.24	1252.31	1241.79	1251.11	0.70	ppb
Molybdenum	98-1	1202.72	1194.99	1183.09	1193.60	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	240.23	240.59	239.78	240.20	0.17	ppb
Phosphorus	31-2	5053.10	4809.75	4697.61	4853.49	3.74	ppb
Potassium	39-2	12155.73	12134.79	11811.94	12034.15	1.60	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	77-2	274.36	238.99	222.86	245.41	10.73	ppb
Selenium	78-2	232.20	238.56	234.09	234.95	1.39	ppb
Selenium	82-1	253.89	247.74	245.32	248.98	1.77	ppb
Silicon	28-1	255.04	255.76	253.75	254.85	0.40	ppb
Silver	109-1	251.37	246.18	244.12	247.22	1.51	ppb
Silver	107-1	249.89	252.24	248.20	250.11	0.81	ppb
Sodium	23-2	24200.18	24036.34	23703.12	23979.88	1.06	ppb
Strontium	86-1	241.64	239.27	238.08	239.66	0.76	ppb
Strontium	88-1	245.84	244.60	240.30	243.58	1.19	ppb
Sulfur	34-1	4062.90	4043.94	3879.97	3995.60	2.52	ppb
Terbium	159-1				93		%
Terbium	159-2				99		%
Thallium	203-1	229.27	229.40	225.06	227.91	1.08	ppb
Thallium	205-1	235.94	234.91	230.07	233.64	1.34	ppb
Thorium	232-1	223.11	223.27	220.46	222.28	0.71	ppb
Tin	118-1	246.25	243.91	240.53	243.56	1.18	ppb
Titanium	47-1	1220.95	1207.16	1210.53	1212.88	0.59	ppb
Uranium	238-1	223.82	223.08	221.88	222.93	0.44	ppb
Vanadium	51-2	238.03	236.32	233.00	235.78	1.09	ppb
Yttrium	89-1				88		%
Yttrium	89-2				92		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:56:54	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	456.81	455.64	441.98	451.48	1.83	ppb
Zirconium	90-1	240.73	239.11	237.45	239.10	0.69	ppb
Zirconium	91-1	246.51	243.76	246.23	245.50	0.62	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:00:49	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10579.43	10388.22	10336.68	10434.78	1.23	ppb
Antimony	121-1	502.18	504.31	501.56	502.68	0.29	ppb
Arsenic	75-1	492.52	506.45	499.74	499.57	1.39	ppb
Barium	135-1	2485.09	2524.05	2491.04	2500.06	0.84	ppb
Barium	137-1	2463.19	2470.65	2440.48	2458.11	0.64	ppb
Beryllium	9-1	498.24	501.60	495.11	498.32	0.65	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	487.35	492.90	496.65	492.30	0.95	ppb
Boron	11-1	484.62	485.17	489.85	486.54	0.59	ppb
Cadmium	111-1	485.34	486.42	474.50	482.09	1.37	ppb
Cadmium	106-1	483.66	489.29	465.09	479.35	2.64	ppb
Cadmium	108-1	474.48	500.99	493.35	489.60	2.79	ppb
Calcium	43-1	52687.97	53116.10	53155.67	52986.58	0.49	ppb
Calcium	44-1	51121.73	51002.23	51477.03	51200.33	0.48	ppb
Chromium	52-2	507.10	508.46	506.68	507.41	0.18	ppb
Cobalt	59-2	510.04	512.78	507.42	510.08	0.52	ppb
Copper	63-2	968.31	975.82	962.05	968.72	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				86		%
Iron	56-2	26487.38	26274.17	26116.14	26292.57	0.71	ppb
Iron	57-2	26397.65	26342.92	25939.89	26226.82	0.95	ppb
Krypton	83-1						cps
Lead	206-1	489.69	490.11	489.88	489.90	0.04	ppb
Lead	207-1	490.53	489.20	490.08	489.94	0.14	ppb
Lead	208-1	486.90	487.96	488.05	487.63	0.13	ppb
Lithium	6-1				91		%
Magnesium	24-2	52023.89	51830.34	51019.30	51624.51	1.03	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:00:49	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1012.46	1019.07	1012.04	1014.52	0.39	ppb
Molybdenum	94-1	2461.08	2457.82	2441.28	2453.39	0.43	ppb
Molybdenum	95-1	2446.50	2455.60	2437.77	2446.62	0.36	ppb
Molybdenum	96-1	2433.39	2460.81	2451.01	2448.41	0.57	ppb
Molybdenum	97-1	2448.94	2433.30	2441.42	2441.22	0.32	ppb
Molybdenum	98-1	2446.23	2450.05	2449.27	2448.52	0.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.97	515.86	515.24	513.36	0.74	ppb
Phosphorus	31-2	9823.08	10580.63	9957.83	10120.52	3.99	ppb
Potassium	39-2	25573.70	25440.09	25531.98	25515.26	0.27	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				83		%
Selenium	77-2	473.91	503.28	568.71	515.30	9.42	ppb
Selenium	78-2	487.16	496.94	495.20	493.10	1.06	ppb
Selenium	82-1	504.83	503.22	507.40	505.15	0.42	ppb
Silicon	28-1	511.32	516.43	515.68	514.48	0.54	ppb
Silver	109-1	489.84	491.39	489.82	490.35	0.18	ppb
Silver	107-1	492.98	492.93	489.05	491.65	0.46	ppb
Sodium	23-2	51714.08	51204.82	50778.69	51232.53	0.91	ppb
Strontium	86-1	494.33	489.13	485.70	489.72	0.89	ppb
Strontium	88-1	490.74	489.10	486.84	488.89	0.40	ppb
Sulfur	34-1	9564.77	9362.26	8945.24	9290.76	3.40	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	486.94	489.02	485.52	487.16	0.36	ppb
Thallium	205-1	486.57	485.33	482.95	484.95	0.38	ppb
Thorium	232-1	481.28	478.62	478.36	479.42	0.34	ppb
Tin	118-1	491.99	491.45	490.21	491.22	0.19	ppb
Titanium	47-1	2472.33	2457.39	2490.66	2473.46	0.67	ppb
Uranium	238-1	476.78	481.26	481.44	479.82	0.55	ppb
Vanadium	51-2	507.75	504.11	504.17	505.34	0.41	ppb
Yttrium	89-1				85		%
Yttrium	89-2				88		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:00:49	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	963.58	966.36	966.86	965.60	0.18	ppb
Zirconium	90-1	482.65	491.24	488.63	487.51	0.90	ppb
Zirconium	91-1	501.59	491.98	488.22	493.93	1.40	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:04:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20557.47	20931.42	20373.06	20620.65	1.38	ppb
Antimony	121-1	1000.30	994.36	1002.31	998.99	0.41	ppb
Arsenic	75-1	1002.08	995.35	1008.21	1001.88	0.64	ppb
Barium	135-1	5017.34	4994.95	5004.76	5005.68	0.22	ppb
Barium	137-1	4988.48	5022.92	5038.56	5016.65	0.51	ppb
Beryllium	9-1	1002.63	1007.54	995.32	1001.83	0.61	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	1003.27	1008.28	1011.12	1007.56	0.39	ppb
Boron	11-1	994.79	1013.02	1021.00	1009.60	1.33	ppb
Cadmium	111-1	1010.62	1009.07	1013.10	1010.93	0.20	ppb
Cadmium	106-1	1026.76	997.03	1009.39	1011.06	1.48	ppb
Cadmium	108-1	1009.59	1000.78	1010.93	1007.10	0.55	ppb
Calcium	43-1	107399.13	108784.90	107515.53	107899.85	0.71	ppb
Calcium	44-1	105294.99	106272.73	105238.78	105602.17	0.55	ppb
Chromium	52-2	1001.26	1001.55	996.98	999.93	0.26	ppb
Cobalt	59-2	1004.61	1000.78	987.38	997.59	0.91	ppb
Copper	63-2	2029.53	2043.16	2010.16	2027.61	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				96		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	52316.22	51577.61	50590.23	51494.68	1.68	ppb
Iron	57-2	52225.76	51870.37	51340.75	51812.29	0.86	ppb
Krypton	83-1						cps
Lead	206-1	1017.96	1007.57	1004.34	1009.96	0.70	ppb
Lead	207-1	1019.02	999.84	1015.10	1011.32	1.00	ppb
Lead	208-1	1017.32	1007.23	1009.41	1011.32	0.52	ppb
Lithium	6-1				87		%
Magnesium	24-2	102677.73	101858.86	99888.84	101475.14	1.41	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:04:42 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2001.28	2021.69	1977.82	2000.26	1.10	ppb
Molybdenum	94-1	5044.89	5014.01	5039.76	5032.89	0.33	ppb
Molybdenum	95-1	5001.03	5052.40	5046.27	5033.23	0.56	ppb
Molybdenum	96-1	5036.71	5024.30	5031.76	5030.92	0.12	ppb
Molybdenum	97-1	5032.27	5013.93	5041.76	5029.32	0.28	ppb
Molybdenum	98-1	5050.57	5013.78	5062.07	5042.14	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.60	1001.65	988.92	995.72	0.64	ppb
Phosphorus	31-2	19878.69	20071.78	19980.70	19977.06	0.48	ppb
Potassium	39-2	49400.35	49436.63	48520.79	49119.26	1.06	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				83		%
Scandium	45-2				84		%
Selenium	77-2	1010.82	975.96	995.85	994.21	1.76	ppb
Selenium	78-2	1031.62	1011.33	981.35	1008.10	2.51	ppb
Selenium	82-1	996.84	997.39	998.54	997.59	0.09	ppb
Silicon	28-1	992.62	994.91	987.46	991.66	0.38	ppb
Silver	109-1	1004.09	1005.25	1006.00	1005.11	0.10	ppb
Silver	107-1	999.54	1001.90	1009.47	1003.63	0.52	ppb
Sodium	23-2	102361.40	101654.93	100011.02	101342.45	1.19	ppb
Strontium	86-1	1006.10	1009.04	1010.14	1008.43	0.21	ppb
Strontium	88-1	1009.28	1000.68	1012.84	1007.60	0.62	ppb
Sulfur	34-1	20662.07	20809.86	20615.05	20695.66	0.49	ppb
Terbium	159-1				90		%
Terbium	159-2				96		%
Thallium	203-1	1013.66	1012.71	1014.85	1013.74	0.11	ppb
Thallium	205-1	1019.48	1011.90	1007.73	1013.03	0.59	ppb
Thorium	232-1	1025.12	1016.36	1015.78	1019.09	0.51	ppb
Tin	118-1	1008.96	1002.09	1008.70	1006.58	0.39	ppb
Titanium	47-1	5049.56	5045.33	4983.46	5026.12	0.74	ppb
Uranium	238-1	1021.59	1014.15	1020.85	1018.86	0.40	ppb
Vanadium	51-2	1009.74	1006.34	988.99	1001.69	1.11	ppb
Yttrium	89-1				82		%
Yttrium	89-2				88		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:04:42	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2046.90	2028.42	2021.79	2032.37	0.64	ppb
Zirconium	90-1	1010.23	1008.46	1010.61	1009.77	0.11	ppb
Zirconium	91-1	1005.58	996.06	1011.90	1004.51	0.79	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:08:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98766.51	98688.49	102040.80	99831.94	1.92	ppb
Antimony	121-1	1.51	1.78	1.64	1.64	8.19	ppb
Arsenic	75-1	1.15	1.10	1.18	1.14	3.50	ppb
Barium	135-1	1.00	0.62	0.82	0.81	23.45	ppb
Barium	137-1	0.87	0.86	0.76	0.83	7.02	ppb
Beryllium	9-1	0.21	0.14	0.11	0.15	34.02	ppb
Bismuth	209-1				81		%
Bismuth	209-2				77		%
Boron	10-1	52.81	48.63	51.97	51.14	4.32	ppb
Boron	11-1	55.09	52.64	45.99	51.24	9.19	ppb
Cadmium	111-1	0.09	0.34	0.30	0.25	55.10	ppb
Cadmium	106-1	-0.35	2.89	1.97	1.50	111.01	ppb
Cadmium	108-1	0.35	-0.06	-0.06	0.08	294.40	ppb
Calcium	43-1	499292.02	497781.63	497129.03	498067.56	0.22	ppb
Calcium	44-1	500556.15	498332.12	497413.85	498767.37	0.32	ppb
Chromium	52-2	14.30	15.20	15.87	15.12	5.21	ppb
Cobalt	59-2	11.43	11.65	11.57	11.55	0.95	ppb
Copper	63-2	4.35	4.30	4.65	4.43	4.28	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				84		%
Holmium	165-2				89		%
Indium	115-1				80		%
Indium	115-2				81		%
Iron	56-2	247167.11	246518.46	255053.56	249579.71	1.90	ppb
Iron	57-2	245810.04	247259.68	255502.31	249524.01	2.10	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.87	0.66	0.80	14.94	ppb
Lead	207-1	0.77	0.80	0.68	0.75	8.13	ppb
Lead	208-1	0.84	0.87	0.76	0.82	6.63	ppb
Lithium	6-1				83		%
Magnesium	24-2	494462.17	494257.51	509958.25	499559.31	1.80	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:08:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.71	7.12	7.31	7.05	4.36	ppb
Molybdenum	94-1	2.72	2.65	2.31	2.56	8.52	ppb
Molybdenum	95-1	3.22	2.88	2.79	2.96	7.72	ppb
Molybdenum	96-1	4.57	4.45	4.13	4.38	5.15	ppb
Molybdenum	97-1	3.45	3.11	3.02	3.19	7.04	ppb
Molybdenum	98-1	3.07	2.94	2.86	2.96	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.77	16.57	17.37	16.90	2.47	ppb
Phosphorus	31-2	-21.84	33.97	-21.26	-3.04		ppb
Potassium	39-2	248010.40	246328.76	256110.77	250149.97	2.09	ppb
Rhodium	103-1				74		%
Rhodium	103-2				75		%
Scandium	45-1				84		%
Scandium	45-2				83		%
Selenium	77-2	0.00	5.12	0.00	1.71	173.21	ppb
Selenium	78-2	-1.25	2.13	-1.70	-0.27		ppb
Selenium	82-1	1.08	1.01	0.58	0.89	30.47	ppb
Silicon	28-1	45.53	46.01	45.22	45.59	0.87	ppb
Silver	109-1	0.14	0.14	0.07	0.12	33.77	ppb
Silver	107-1	0.09	0.05	0.05	0.06	35.78	ppb
Sodium	23-2	492349.95	494384.33	512263.37	499665.88	2.19	ppb
Strontium	86-1	4.06	4.46	4.17	4.23	4.93	ppb
Strontium	88-1	4.29	4.14	4.18	4.20	1.84	ppb
Sulfur	34-1	-1294.93	-1281.62	-1202.59	-1259.72		ppb
Terbium	159-1				82		%
Terbium	159-2				89		%
Thallium	203-1	0.36	0.33	0.26	0.32	17.02	ppb
Thallium	205-1	0.42	0.35	0.25	0.34	24.45	ppb
Thorium	232-1	0.26	0.18	0.16	0.20	26.51	ppb
Tin	118-1	0.62	0.56	0.49	0.56	11.37	ppb
Titanium	47-1	1.07	1.47	1.16	1.23	16.84	ppb
Uranium	238-1	0.12	0.09	0.06	0.09	33.01	ppb
Vanadium	51-2	0.20	0.19	0.19	0.19	2.96	ppb
Yttrium	89-1				79		%
Yttrium	89-2				85		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:08:34	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	17.09	18.35	17.63	17.69	3.58	ppb
Zirconium	90-1	0.35	0.31	0.31	0.32	7.50	ppb
Zirconium	91-1	0.27	0.38	0.35	0.33	18.10	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:16:27 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	518.49	512.34	512.95	514.59	0.66	ppb
Antimony	121-1	206.33	205.73	202.57	204.88	0.99	ppb
Arsenic	75-1	206.32	207.48	202.53	205.44	1.26	ppb
Barium	135-1	101.92	103.55	105.36	103.61	1.66	ppb
Barium	137-1	104.32	103.85	103.72	103.96	0.30	ppb
Beryllium	9-1	101.20	101.84	102.28	101.77	0.54	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	15.01	14.21	15.22	14.82	3.59	ppb
Boron	11-1	14.16	14.30	13.39	13.95	3.49	ppb
Cadmium	111-1	101.25	101.22	98.12	100.20	1.80	ppb
Cadmium	106-1	84.28	77.94	86.62	82.95	5.42	ppb
Cadmium	108-1	114.08	107.99	119.83	113.97	5.19	ppb
Calcium	43-1	2099.86	2138.68	2037.04	2091.86	2.45	ppb
Calcium	44-1	2055.75	2116.77	2073.46	2081.99	1.51	ppb
Chromium	52-2	99.83	100.93	102.89	101.22	1.53	ppb
Cobalt	59-2	104.96	105.86	104.37	105.06	0.71	ppb
Copper	63-2	98.29	99.86	100.34	99.50	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	1135.17	1143.70	1145.77	1141.55	0.49	ppb
Iron	57-2	1087.89	1141.85	1142.64	1124.13	2.79	ppb
Krypton	83-1						cps
Lead	206-1	193.04	196.90	197.18	195.71	1.18	ppb
Lead	207-1	187.61	190.45	190.74	189.60	0.91	ppb
Lead	208-1	192.17	196.23	194.27	194.23	1.05	ppb
Lithium	6-1				89		%
Magnesium	24-2	1312.02	1341.56	1369.13	1340.90	2.13	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:16:27 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.41	99.53	100.92	99.96	0.84	ppb
Molybdenum	94-1	1769.63	1783.90	1772.27	1775.27	0.43	ppb
Molybdenum	95-1	2499.63	2543.99	2535.82	2526.48	0.93	ppb
Molybdenum	96-1	2405.87	2436.53	2440.07	2427.49	0.77	ppb
Molybdenum	97-1	2487.19	2500.56	2505.67	2497.81	0.38	ppb
Molybdenum	98-1	2489.54	2521.77	2546.58	2519.30	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.18	106.06	108.00	106.08	1.80	ppb
Phosphorus	31-2	-36.03	-0.59	-14.53	-17.05		ppb
Potassium	39-2	2113.24	2122.27	2117.84	2117.79	0.21	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				86		%
Scandium	45-2				84		%
Selenium	77-2	208.32	227.84	222.57	219.58	4.60	ppb
Selenium	78-2	193.84	215.64	203.37	204.28	5.35	ppb
Selenium	82-1	202.70	206.02	206.76	205.16	1.05	ppb
Silicon	28-1	2.90	5.08	5.66	4.55	32.00	ppb
Silver	109-1	98.25	100.75	100.42	99.81	1.36	ppb
Silver	107-1	100.11	100.99	98.68	99.93	1.17	ppb
Sodium	23-2	2162.84	2129.46	2204.78	2165.70	1.74	ppb
Strontium	86-1	2.28	2.54	2.39	2.40	5.44	ppb
Strontium	88-1	2.28	2.32	2.38	2.33	2.12	ppb
Sulfur	34-1	-1181.86	-1181.12	-1244.49	-1202.49		ppb
Terbium	159-1				86		%
Terbium	159-2				92		%
Thallium	203-1	189.10	188.66	192.95	190.24	1.24	ppb
Thallium	205-1	192.87	196.14	199.68	196.23	1.74	ppb
Thorium	232-1	0.07	0.07	0.05	0.06	13.62	ppb
Tin	118-1	0.04	0.06	0.06	0.05	24.20	ppb
Titanium	47-1	2411.17	2470.99	2453.38	2445.18	1.26	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	61.17	ppb
Vanadium	51-2	101.54	101.29	102.70	101.84	0.73	ppb
Yttrium	89-1				82		%
Yttrium	89-2				87		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:16:27	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	219.34	213.36	218.87	217.19	1.53	ppb
Zirconium	90-1	0.14	0.11	0.14	0.13	11.02	ppb
Zirconium	91-1	0.24	0.13	0.19	0.19	28.01	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:20:19 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	-0.55	-0.17	-0.30		ppb
Antimony	121-1	0.21	0.13	0.28	0.20	37.06	ppb
Arsenic	75-1	-0.20	-0.22	-0.06	-0.16		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.02	0.00	-0.02	0.00	675.06	ppb
Beryllium	9-1	0.07	0.04	0.01	0.04	80.80	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	9.92	8.56	6.51	8.33	20.60	ppb
Boron	11-1	9.29	8.46	8.46	8.74	5.48	ppb
Cadmium	111-1	0.42	0.43	-0.14	0.23	140.44	ppb
Cadmium	106-1	4.94	4.71	-1.95	2.57	152.44	ppb
Cadmium	108-1	-0.06	-0.06	-0.06	-0.06		ppb
Calcium	43-1	-5.00	-2.16	-2.25	-3.14		ppb
Calcium	44-1	-1.68	1.14	-0.71	-0.42		ppb
Chromium	52-2	0.05	0.09	-0.03	0.04	153.54	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.03	-0.01	0.08	0.03	134.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	1.05	0.71	0.81	0.86	20.53	ppb
Iron	57-2	-1.75	-2.35	-1.77	-1.95		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.05	0.03	68.29	ppb
Lead	207-1	0.02	-0.01	0.03	0.01	160.70	ppb
Lead	208-1	0.01	-0.01	0.02	0.01	202.91	ppb
Lithium	6-1				89		%
Magnesium	24-2	1.34	2.34	1.16	1.61	39.70	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:20:19 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	-0.01	0.01	152.08	ppb
Molybdenum	94-1	0.31	0.18	0.20	0.23	29.16	ppb
Molybdenum	95-1	0.32	0.17	0.15	0.21	44.41	ppb
Molybdenum	96-1	0.43	0.37	0.29	0.37	18.35	ppb
Molybdenum	97-1	0.41	0.32	0.39	0.37	12.73	ppb
Molybdenum	98-1	0.33	0.29	0.28	0.30	9.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.05	0.03	69.48	ppb
Phosphorus	31-2	-15.56	-1.80	-29.37	-15.57		ppb
Potassium	39-2	15.94	13.96	19.35	16.41	16.64	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.95	-1.74	-2.57	-1.75		ppb
Selenium	82-1	0.97	1.63	0.90	1.16	34.46	ppb
Silicon	28-1	1.08	2.16	0.86	1.37	50.99	ppb
Silver	109-1	0.01	0.01	0.03	0.01	73.59	ppb
Silver	107-1	0.01	0.00	0.00	0.00	180.05	ppb
Sodium	23-2	29.02	29.95	27.88	28.95	3.58	ppb
Strontium	86-1	0.17	-0.02	0.03	0.06	160.70	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	112.81	ppb
Sulfur	34-1	-816.99	-963.86	-891.88	-890.91		ppb
Terbium	159-1				86		%
Terbium	159-2				91		%
Thallium	203-1	0.07	0.02	0.04	0.04	62.04	ppb
Thallium	205-1	0.08	0.05	0.08	0.07	21.71	ppb
Thorium	232-1	0.02	0.02	0.01	0.02	28.19	ppb
Tin	118-1	0.03	0.04	0.12	0.06	81.16	ppb
Titanium	47-1	0.25	-0.02	0.16	0.13	107.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1.16	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	1365.50	ppb
Yttrium	89-1				82		%
Yttrium	89-2				89		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:20:19	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.14	0.09	-0.17	0.02	824.81	ppb
Zirconium	90-1	-0.01	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	3179.89	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:23:56 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92568.53	92102.01	90542.87	91737.81	1.16	ppb
Antimony	121-1	1.29	1.34	1.25	1.29	3.62	ppb
Arsenic	75-1	1.28	1.72	1.72	1.57	16.12	ppb
Barium	135-1	1.47	1.67	1.57	1.57	6.15	ppb
Barium	137-1	1.66	1.41	1.53	1.54	8.29	ppb
Beryllium	9-1	0.29	0.29	0.32	0.30	5.73	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	7.18	8.97	6.61	7.58	16.21	ppb
Boron	11-1	7.86	7.02	6.56	7.15	9.28	ppb
Cadmium	111-1	0.65	0.64	0.19	0.50	53.03	ppb
Cadmium	106-1	0.07	1.77	-0.36	0.49	228.83	ppb
Cadmium	108-1	14.14	15.53	18.25	15.97	13.09	ppb
Calcium	43-1	106692.06	105533.39	107464.25	106563.23	0.91	ppb
Calcium	44-1	104362.46	104997.93	106679.97	105346.79	1.14	ppb
Chromium	52-2	20.49	20.67	20.46	20.54	0.56	ppb
Cobalt	59-2	1.33	1.16	1.19	1.23	7.44	ppb
Copper	63-2	7.50	7.33	7.47	7.43	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				95		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	105316.37	104472.98	103187.24	104325.53	1.03	ppb
Iron	57-2	107254.62	107181.53	106723.76	107053.30	0.27	ppb
Krypton	83-1						cps
Lead	206-1	4.60	4.89	4.81	4.77	3.13	ppb
Lead	207-1	3.95	4.14	4.10	4.06	2.50	ppb
Lead	208-1	4.48	4.38	4.39	4.42	1.22	ppb
Lithium	6-1				88		%
Magnesium	24-2	104278.05	103825.90	102095.84	103399.93	1.11	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:23:56	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.29	8.02	8.44	8.25	2.58	ppb
Molybdenum	94-1	1336.83	1320.95	1288.91	1315.56	1.86	ppb
Molybdenum	95-1	1861.87	1877.79	1864.11	1867.93	0.46	ppb
Molybdenum	96-1	1800.44	1807.48	1812.89	1806.94	0.35	ppb
Molybdenum	97-1	1892.18	1859.65	1843.23	1865.02	1.34	ppb
Molybdenum	98-1	1870.58	1884.94	1872.09	1875.87	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.33	5.72	6.02	5.69	6.03	ppb
Phosphorus	31-2	98783.61	97863.77	98241.68	98296.35	0.47	ppb
Potassium	39-2	102209.84	101037.18	100042.21	101096.41	1.07	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				84		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.92	-2.98	-0.95	-1.62		ppb
Selenium	82-1	1.80	1.09	0.74	1.21	44.59	ppb
Silicon	28-1	26.38	26.54	26.93	26.62	1.06	ppb
Silver	109-1	0.03	0.02	0.06	0.03	63.02	ppb
Silver	107-1	0.02	0.03	0.00	0.02	73.14	ppb
Sodium	23-2	104905.15	103799.35	102126.83	103610.44	1.35	ppb
Strontium	86-1	35.60	35.00	34.63	35.08	1.39	ppb
Strontium	88-1	35.46	35.32	34.33	35.04	1.75	ppb
Sulfur	34-1	106716.90	106583.14	107771.84	107023.96	0.61	ppb
Terbium	159-1				88		%
Terbium	159-2				94		%
Thallium	203-1	0.17	0.17	0.12	0.15	16.43	ppb
Thallium	205-1	0.06	0.08	0.09	0.08	21.87	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	18.83	ppb
Tin	118-1	0.28	0.21	0.16	0.22	29.60	ppb
Titanium	47-1	2081.30	2080.05	2096.31	2085.88	0.43	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	15.28	ppb
Vanadium	51-2	0.22	0.19	0.18	0.20	11.99	ppb
Yttrium	89-1				83		%
Yttrium	89-2				89		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:23:56	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.83	13.60	13.64	13.69	0.90	ppb
Zirconium	90-1	0.03	0.03	-0.01	0.02	122.45	ppb
Zirconium	91-1	0.02	0.04	0.04	0.03	27.66	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:27:33	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93615.54	93559.02	90256.00	92476.85	2.08	ppb
Antimony	121-1	22.56	22.98	22.01	22.51	2.16	ppb
Arsenic	75-1	22.39	21.82	23.72	22.64	4.30	ppb
Barium	135-1	22.04	24.42	23.25	23.24	5.13	ppb
Barium	137-1	22.65	23.52	23.05	23.08	1.89	ppb
Beryllium	9-1	21.56	21.14	21.25	21.32	1.02	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	63.80	64.11	65.25	64.39	1.18	ppb
Boron	11-1	61.46	66.50	63.60	63.85	3.96	ppb
Cadmium	111-1	20.27	20.04	19.01	19.77	3.40	ppb
Cadmium	106-1	26.60	29.07	24.84	26.84	7.91	ppb
Cadmium	108-1	37.00	36.52	36.83	36.78	0.66	ppb
Calcium	43-1	108261.11	109196.45	106849.80	108102.45	1.09	ppb
Calcium	44-1	106037.94	107566.45	107599.47	107067.95	0.83	ppb
Chromium	52-2	40.11	41.97	40.85	40.98	2.28	ppb
Cobalt	59-2	21.38	21.98	21.59	21.65	1.40	ppb
Copper	63-2	26.47	27.19	25.95	26.54	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				90		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				88		%
Iron	56-2	106833.01	107205.34	102982.33	105673.56	2.21	ppb
Iron	57-2	108330.22	110354.47	106715.51	108466.73	1.68	ppb
Krypton	83-1						cps
Lead	206-1	25.87	25.75	25.79	25.80	0.23	ppb
Lead	207-1	24.72	24.68	22.92	24.11	4.26	ppb
Lead	208-1	25.09	24.75	24.47	24.77	1.25	ppb
Lithium	6-1				87		%
Magnesium	24-2	105653.10	106068.55	102385.89	104702.52	1.93	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:27:33	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.21	28.24	28.46	28.30	0.48	ppb
Molybdenum	94-1	1462.59	1445.33	1440.04	1449.32	0.81	ppb
Molybdenum	95-1	1937.74	1931.56	1923.10	1930.80	0.38	ppb
Molybdenum	96-1	1880.38	1887.83	1874.65	1880.95	0.35	ppb
Molybdenum	97-1	1946.06	1933.13	1933.63	1937.61	0.38	ppb
Molybdenum	98-1	1914.68	1940.66	1943.77	1933.04	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.86	26.67	24.77	25.77	3.70	ppb
Phosphorus	31-2	100163.50	101652.64	97706.42	99840.85	2.00	ppb
Potassium	39-2	104068.05	103830.03	99713.32	102537.13	2.39	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	77-2	14.67	26.87	7.26	16.27	60.86	ppb
Selenium	78-2	22.14	23.32	20.67	22.05	6.01	ppb
Selenium	82-1	19.93	21.12	20.21	20.42	3.04	ppb
Silicon	28-1	80.26	79.88	78.34	79.49	1.28	ppb
Silver	109-1	19.68	18.60	18.92	19.07	2.90	ppb
Silver	107-1	19.18	18.99	18.44	18.87	2.04	ppb
Sodium	23-2	105924.96	105959.33	102773.76	104886.02	1.74	ppb
Strontium	86-1	96.44	99.34	98.91	98.23	1.59	ppb
Strontium	88-1	99.59	99.76	98.97	99.44	0.42	ppb
Sulfur	34-1	109079.52	109786.45	107455.03	108773.67	1.10	ppb
Terbium	159-1				88		%
Terbium	159-2				94		%
Thallium	203-1	20.56	20.32	20.01	20.30	1.38	ppb
Thallium	205-1	20.40	20.41	19.98	20.26	1.22	ppb
Thorium	232-1	0.06	0.06	0.07	0.06	13.16	ppb
Tin	118-1	55.77	55.91	52.00	54.56	4.07	ppb
Titanium	47-1	2140.16	2159.29	2135.27	2144.90	0.59	ppb
Uranium	238-1	53.18	53.16	53.41	53.25	0.27	ppb
Vanadium	51-2	20.28	21.55	20.45	20.76	3.30	ppb
Yttrium	89-1				83		%
Yttrium	89-2				89		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:27:33	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.99	32.44	32.68	31.70	4.69	ppb
Zirconium	90-1	54.65	53.50	52.73	53.63	1.80	ppb
Zirconium	91-1	55.26	55.06	55.39	55.24	0.31	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:31:10	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56102.51	55914.19	56313.11	56109.94	0.36	ppb
Antimony	121-1	559.71	538.55	541.33	546.53	2.10	ppb
Arsenic	75-1	558.78	536.51	542.07	545.79	2.12	ppb
Barium	135-1	2685.81	2585.43	2632.53	2634.59	1.91	ppb
Barium	137-1	2623.52	2564.69	2610.50	2599.57	1.19	ppb
Beryllium	9-1	529.13	513.78	519.94	520.95	1.48	ppb
Bismuth	209-1				90		%
Bismuth	209-2				86		%
Boron	10-1	510.58	509.38	514.21	511.39	0.49	ppb
Boron	11-1	510.86	506.78	510.27	509.30	0.43	ppb
Cadmium	111-1	551.86	532.63	537.10	540.53	1.86	ppb
Cadmium	106-1	558.04	538.60	537.80	544.81	2.10	ppb
Cadmium	108-1	549.67	542.15	561.03	550.95	1.73	ppb
Calcium	43-1	261929.74	256159.43	259799.83	259296.34	1.13	ppb
Calcium	44-1	262449.68	256685.59	260805.62	259980.29	1.14	ppb
Chromium	52-2	505.64	504.84	510.92	507.13	0.65	ppb
Cobalt	59-2	499.10	497.64	507.00	501.25	1.00	ppb
Copper	63-2	1001.34	999.86	1011.90	1004.36	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				96		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	127510.86	126222.12	126179.56	126637.52	0.60	ppb
Iron	57-2	131862.45	131844.15	132237.94	131981.52	0.17	ppb
Krypton	83-1						cps
Lead	206-1	532.34	519.02	530.94	527.43	1.39	ppb
Lead	207-1	535.89	513.41	530.11	526.47	2.22	ppb
Lead	208-1	529.16	514.64	533.57	525.79	1.88	ppb
Lithium	6-1				88		%
Magnesium	24-2	250650.55	247914.38	248339.43	248968.12	0.59	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:31:10	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	998.59	1002.19	1008.46	1003.08	0.50	ppb
Molybdenum	94-1	2657.82	2567.59	2604.64	2610.01	1.74	ppb
Molybdenum	95-1	2638.89	2546.93	2579.97	2588.60	1.80	ppb
Molybdenum	96-1	2646.66	2542.52	2572.87	2587.35	2.07	ppb
Molybdenum	97-1	2649.06	2530.91	2561.12	2580.36	2.38	ppb
Molybdenum	98-1	2646.42	2541.37	2570.58	2586.12	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.93	489.90	503.20	493.34	1.76	ppb
Phosphorus	31-2	10164.77	10377.78	9772.71	10105.08	3.04	ppb
Potassium	39-2	125311.64	123783.88	124721.04	124605.52	0.62	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				89		%
Selenium	77-2	468.44	551.90	482.25	500.87	8.93	ppb
Selenium	78-2	520.62	518.19	503.98	514.27	1.75	ppb
Selenium	82-1	531.61	506.13	507.46	515.07	2.79	ppb
Silicon	28-1	540.97	526.94	533.57	533.82	1.31	ppb
Silver	109-1	549.69	538.95	540.04	542.89	1.09	ppb
Silver	107-1	554.37	539.90	545.71	546.66	1.33	ppb
Sodium	23-2	250472.10	247697.96	249905.04	249358.37	0.59	ppb
Strontium	86-1	557.73	525.57	530.31	537.87	3.23	ppb
Strontium	88-1	546.17	523.32	535.16	534.88	2.14	ppb
Sulfur	34-1	10561.52	10002.44	10099.24	10221.06	2.92	ppb
Terbium	159-1				88		%
Terbium	159-2				95		%
Thallium	203-1	531.95	513.88	527.97	524.60	1.81	ppb
Thallium	205-1	527.91	516.01	530.72	524.88	1.49	ppb
Thorium	232-1	537.49	525.13	537.26	533.29	1.33	ppb
Tin	118-1	523.62	498.95	507.90	510.16	2.45	ppb
Titanium	47-1	2667.32	2585.36	2618.90	2623.86	1.57	ppb
Uranium	238-1	534.66	523.90	540.96	533.18	1.62	ppb
Vanadium	51-2	509.46	506.48	514.17	510.04	0.76	ppb
Yttrium	89-1				83		%
Yttrium	89-2				91		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:31:10	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	990.68	989.80	1012.90	997.79	1.31	ppb
Zirconium	90-1	532.79	510.72	520.99	521.50	2.12	ppb
Zirconium	91-1	533.05	506.73	520.88	520.22	2.53	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : CCB50 Instrumnet Name : P7
 Client Sample ID : CCB50 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:34:48 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.74	2.49	0.58	1.61	59.81	ppb
Antimony	121-1	0.53	0.57	0.53	0.54	4.77	ppb
Arsenic	75-1	0.17	0.11	0.11	0.13	25.63	ppb
Barium	135-1	0.31	0.17	0.17	0.22	38.63	ppb
Barium	137-1	0.05	0.19	0.11	0.12	59.50	ppb
Beryllium	9-1	0.07	0.03	0.09	0.07	46.23	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	21.88	19.70	16.97	19.52	12.59	ppb
Boron	11-1	19.75	21.06	19.74	20.18	3.76	ppb
Cadmium	111-1	-0.06	0.31	0.25	0.17	118.60	ppb
Cadmium	106-1	-1.36	2.52	1.60	0.92	220.82	ppb
Cadmium	108-1	0.32	-0.06	-0.06	0.07	310.94	ppb
Calcium	43-1	17.68	7.12	26.32	17.04	56.42	ppb
Calcium	44-1	23.63	15.64	14.10	17.79	28.78	ppb
Chromium	52-2	0.07	0.09	0.06	0.08	22.13	ppb
Cobalt	59-2	0.02	0.03	0.01	0.02	39.22	ppb
Copper	63-2	0.24	0.29	0.19	0.24	20.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	8.20	6.62	5.80	6.87	17.72	ppb
Iron	57-2	2.93	4.07	2.87	3.29	20.56	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.15	0.14	0.15	8.23	ppb
Lead	207-1	0.08	0.19	0.05	0.11	66.25	ppb
Lead	208-1	0.14	0.13	0.13	0.13	3.41	ppb
Lithium	6-1				89		%
Magnesium	24-2	13.91	9.76	11.04	11.57	18.37	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:34:48	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.06	0.04	0.04	58.49	ppb
Molybdenum	94-1	0.55	0.40	0.36	0.44	23.69	ppb
Molybdenum	95-1	0.48	0.48	0.55	0.50	8.16	ppb
Molybdenum	96-1	0.59	0.61	0.40	0.53	22.24	ppb
Molybdenum	97-1	0.50	0.37	0.37	0.41	18.41	ppb
Molybdenum	98-1	0.37	0.56	0.39	0.44	24.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.01	0.01	83.32	ppb
Phosphorus	31-2	-29.57	-22.97	-23.01	-25.18		ppb
Potassium	39-2	32.99	33.87	28.54	31.80	9.00	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.96	0.21	-0.64	0.17	462.83	ppb
Selenium	82-1	-0.38	0.33	-0.08	-0.04		ppb
Silicon	28-1	0.53	-0.50	-0.64	-0.20		ppb
Silver	109-1	0.09	0.04	0.04	0.06	49.74	ppb
Silver	107-1	0.06	0.05	0.08	0.06	28.44	ppb
Sodium	23-2	64.17	55.37	54.41	57.98	9.28	ppb
Strontium	86-1	0.09	0.14	0.07	0.10	37.71	ppb
Strontium	88-1	0.04	0.02	0.04	0.03	29.61	ppb
Sulfur	34-1	-1081.96	-898.45	-965.79	-982.07		ppb
Terbium	159-1				88		%
Terbium	159-2				94		%
Thallium	203-1	0.20	0.17	0.08	0.15	41.18	ppb
Thallium	205-1	0.17	0.10	0.09	0.12	36.78	ppb
Thorium	232-1	0.08	0.08	0.07	0.08	8.78	ppb
Tin	118-1	0.13	0.07	0.17	0.12	38.56	ppb
Titanium	47-1	0.24	0.09	0.27	0.20	47.13	ppb
Uranium	238-1	0.04	0.04	0.02	0.03	34.39	ppb
Vanadium	51-2	0.05	0.04	0.01	0.03	73.75	ppb
Yttrium	89-1				85		%
Yttrium	89-2				91		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:34:48	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.13	-0.02	0.02	0.04	182.99	ppb
Zirconium	90-1	0.06	0.07	0.05	0.06	17.72	ppb
Zirconium	91-1	0.05	0.07	0.14	0.09	57.31	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:38:25 DataFile Name : 018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.75	22.83	22.03	20.20	19.20	ppb
Antimony	121-1	2.42	2.30	2.07	2.26	7.82	ppb
Arsenic	75-1	0.94	1.00	0.43	0.79	39.52	ppb
Barium	135-1	9.97	10.43	9.93	10.11	2.71	ppb
Barium	137-1	10.68	9.40	10.37	10.15	6.59	ppb
Beryllium	9-1	0.89	1.23	1.15	1.09	16.06	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	32.37	34.41	34.48	33.75	3.56	ppb
Boron	11-1	34.73	33.04	34.30	34.02	2.58	ppb
Cadmium	111-1	1.05	0.80	1.21	1.02	20.56	ppb
Cadmium	106-1	1.04	-1.13	2.83	0.91	217.43	ppb
Cadmium	108-1	1.06	1.26	1.81	1.38	28.14	ppb
Calcium	43-1	477.84	525.22	509.75	504.27	4.79	ppb
Calcium	44-1	512.63	499.09	511.34	507.69	1.47	ppb
Chromium	52-2	1.85	1.85	2.03	1.91	5.41	ppb
Cobalt	59-2	0.99	0.99	0.87	0.95	7.49	ppb
Copper	63-2	2.00	2.15	1.90	2.02	6.19	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				90		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	58.76	58.60	56.94	58.10	1.74	ppb
Iron	57-2	51.02	59.90	57.43	56.12	8.17	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.93	1.15	0.97	16.31	ppb
Lead	207-1	0.98	0.87	1.05	0.97	9.23	ppb
Lead	208-1	0.94	0.97	1.03	0.98	4.65	ppb
Lithium	6-1				92		%
Magnesium	24-2	544.81	540.17	546.69	543.89	0.62	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:38:25	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.14	1.10	1.09	4.50	ppb
Molybdenum	94-1	5.15	4.40	5.06	4.87	8.42	ppb
Molybdenum	95-1	4.61	4.91	5.16	4.89	5.58	ppb
Molybdenum	96-1	4.97	4.67	4.78	4.81	3.20	ppb
Molybdenum	97-1	4.85	5.26	5.00	5.04	4.10	ppb
Molybdenum	98-1	4.77	4.88	5.07	4.91	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	1.24	1.14	1.08	17.75	ppb
Phosphorus	31-2	15.47	46.71	27.26	29.82	52.92	ppb
Potassium	39-2	537.28	515.38	517.60	523.42	2.30	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	77-2	14.26	2.31	4.64	7.07	89.55	ppb
Selenium	78-2	6.07	3.52	6.61	5.40	30.52	ppb
Selenium	82-1	5.24	5.48	6.03	5.58	7.22	ppb
Silicon	28-1	7.75	7.82	7.21	7.59	4.44	ppb
Silver	109-1	1.01	1.08	1.07	1.05	3.71	ppb
Silver	107-1	1.08	1.02	1.10	1.07	3.98	ppb
Sodium	23-2	540.35	552.47	561.49	551.44	1.92	ppb
Strontium	86-1	1.22	1.15	1.10	1.16	4.99	ppb
Strontium	88-1	0.90	0.95	0.94	0.93	2.95	ppb
Sulfur	34-1	-786.53	-407.32	-549.43	-581.09		ppb
Terbium	159-1				89		%
Terbium	159-2				95		%
Thallium	203-1	0.90	1.01	1.21	1.04	14.94	ppb
Thallium	205-1	0.90	1.01	0.99	0.97	6.27	ppb
Thorium	232-1	0.84	0.88	0.93	0.88	4.84	ppb
Tin	118-1	5.40	5.25	4.98	5.21	4.04	ppb
Titanium	47-1	5.51	5.21	5.78	5.50	5.14	ppb
Uranium	238-1	0.87	0.92	0.87	0.89	2.70	ppb
Vanadium	51-2	5.09	5.28	4.92	5.10	3.53	ppb
Yttrium	89-1				87		%
Yttrium	89-2				93		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:38:25	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.46	2.10	1.85	1.80	17.90	ppb
Zirconium	90-1	0.98	0.92	0.95	0.95	3.26	ppb
Zirconium	91-1	1.19	1.03	0.92	1.05	13.13	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : PB121667BL Instrumnet Name : P7
 Client Sample ID : PB121667BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:42:01 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.17	0.18	-0.55	-0.18		ppb
Antimony	121-1	0.10	0.08	0.07	0.08	15.81	ppb
Arsenic	75-1	0.08	0.03	-0.10	0.00	3211.10	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.02	0.05	0.01	0.03	71.63	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	7.84	7.56	8.31	7.91	4.80	ppb
Boron	11-1	7.38	7.17	7.24	7.26	1.43	ppb
Cadmium	111-1	0.18	-0.15	0.19	0.07	265.47	ppb
Cadmium	106-1	2.18	-2.17	1.98	0.66	371.66	ppb
Cadmium	108-1	-0.06	-0.06	-0.06	-0.06		ppb
Calcium	43-1	-2.63	-9.18	-6.56	-6.12		ppb
Calcium	44-1	0.82	0.50	1.09	0.80	36.92	ppb
Chromium	52-2	-0.01	0.03	0.06	0.02	151.81	ppb
Cobalt	59-2	0.00	0.02	-0.01	0.00	464.67	ppb
Copper	63-2	0.08	0.11	0.03	0.07	57.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	0.06	0.07	0.26	0.13	89.65	ppb
Iron	57-2	-0.66	-1.96	-0.73	-1.12		ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.03	0.10	0.06	53.51	ppb
Lead	207-1	0.07	0.03	0.04	0.05	39.34	ppb
Lead	208-1	0.07	0.05	0.06	0.06	12.10	ppb
Lithium	6-1				93		%
Magnesium	24-2	-0.51	0.12	-0.35	-0.25		ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : PB121667BL Instrumnet Name : P7
 Client Sample ID : PB121667BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:42:01 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	-0.01	0.01	0.01	156.38	ppb
Molybdenum	94-1	0.07	-0.01	0.14	0.07	112.62	ppb
Molybdenum	95-1	0.09	0.00	0.06	0.05	95.90	ppb
Molybdenum	96-1	0.05	0.07	0.09	0.07	27.04	ppb
Molybdenum	97-1	0.10	0.01	0.03	0.05	104.07	ppb
Molybdenum	98-1	0.05	0.06	0.03	0.05	29.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.05	-0.06	-0.01		ppb
Phosphorus	31-2	-29.65	-4.22	-36.43	-23.43		ppb
Potassium	39-2	19.60	16.47	12.07	16.05	23.58	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	2.37	0.79	173.21	ppb
Selenium	78-2	1.35	0.13	-0.63	0.28	354.51	ppb
Selenium	82-1	0.94	0.81	0.44	0.73	35.16	ppb
Silicon	28-1	-1.72	-1.74	-1.48	-1.65		ppb
Silver	109-1	0.02	0.00	0.00	0.01	147.35	ppb
Silver	107-1	0.02	0.02	0.00	0.01	113.70	ppb
Sodium	23-2	28.24	25.39	29.52	27.72	7.63	ppb
Strontium	86-1	0.01	0.06	-0.01	0.02	167.63	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-379.19	-359.87	-456.20	-398.42		ppb
Terbium	159-1				89		%
Terbium	159-2				93		%
Thallium	203-1	0.00	-0.02	0.00	0.00		ppb
Thallium	205-1	0.00	0.02	0.00	0.01	132.73	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	24.66	ppb
Tin	118-1	0.04	0.08	0.04	0.05	45.84	ppb
Titanium	47-1	-0.08	0.15	0.00	0.02	564.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	1709.49	ppb
Yttrium	89-1				87		%
Yttrium	89-2				92		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	PB121667BL	Instrumnet Name :	P7
Client Sample ID :	PB121667BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:42:01	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.07	-0.18	-0.23	-0.16		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	64.86	ppb
Zirconium	91-1	-0.01	0.08	0.05	0.04	118.46	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	PB121667BS	Instrumnet Name :	P7
Client Sample ID :	PB121667BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:45:37	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10889.37	10894.05	10978.55	10920.66	0.46	ppb
Antimony	121-1	549.43	540.68	535.22	541.78	1.32	ppb
Arsenic	75-1	537.26	518.73	526.60	527.53	1.76	ppb
Barium	135-1	2709.05	2675.56	2625.12	2669.91	1.58	ppb
Barium	137-1	2682.91	2676.44	2639.71	2666.35	0.87	ppb
Beryllium	9-1	536.10	532.16	530.07	532.78	0.58	ppb
Bismuth	209-1				95		%
Bismuth	209-2				89		%
Boron	10-1	504.72	522.35	523.12	516.73	2.01	ppb
Boron	11-1	506.41	518.16	513.17	512.58	1.15	ppb
Cadmium	111-1	527.87	521.90	513.23	521.00	1.41	ppb
Cadmium	106-1	535.09	544.47	511.67	530.41	3.18	ppb
Cadmium	108-1	553.82	520.32	528.66	534.27	3.26	ppb
Calcium	43-1	56255.72	56555.32	55772.29	56194.44	0.70	ppb
Calcium	44-1	54759.34	54989.64	55205.36	54984.78	0.41	ppb
Chromium	52-2	514.14	514.05	522.46	516.89	0.93	ppb
Cobalt	59-2	514.55	517.50	528.27	520.11	1.39	ppb
Copper	63-2	969.80	979.70	991.60	980.37	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	26983.06	26639.21	27230.42	26950.89	1.10	ppb
Iron	57-2	26749.28	26548.43	27075.75	26791.16	0.99	ppb
Krypton	83-1						cps
Lead	206-1	514.02	523.31	517.65	518.33	0.90	ppb
Lead	207-1	513.79	521.82	517.33	517.65	0.78	ppb
Lead	208-1	516.33	524.26	521.68	520.76	0.78	ppb
Lithium	6-1				91		%
Magnesium	24-2	53886.15	53073.46	54129.29	53696.30	1.03	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	PB121667BS	Instrumnet Name :	P7
Client Sample ID :	PB121667BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:45:37	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1034.75	1030.41	1050.43	1038.53	1.01	ppb
Molybdenum	94-1	2615.34	2633.38	2619.81	2622.84	0.36	ppb
Molybdenum	95-1	2629.82	2621.10	2597.28	2616.06	0.64	ppb
Molybdenum	96-1	2604.81	2612.72	2596.56	2604.70	0.31	ppb
Molybdenum	97-1	2621.49	2613.04	2567.41	2600.65	1.12	ppb
Molybdenum	98-1	2597.77	2615.06	2605.33	2606.05	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.24	513.42	523.85	518.84	1.01	ppb
Phosphorus	31-2	10627.34	10537.07	10529.15	10564.52	0.52	ppb
Potassium	39-2	26202.27	26137.75	26540.34	26293.45	0.82	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	77-2	543.94	556.30	592.07	564.10	4.43	ppb
Selenium	78-2	516.46	534.42	509.27	520.05	2.49	ppb
Selenium	82-1	539.73	533.71	523.57	532.34	1.53	ppb
Silicon	28-1	570.77	574.28	578.21	574.42	0.65	ppb
Silver	109-1	538.75	520.10	523.79	527.54	1.87	ppb
Silver	107-1	539.81	528.95	522.22	530.33	1.67	ppb
Sodium	23-2	53553.98	52804.33	53533.32	53297.21	0.80	ppb
Strontium	86-1	527.19	517.93	511.84	518.99	1.49	ppb
Strontium	88-1	516.31	517.57	524.18	519.35	0.81	ppb
Sulfur	34-1	10683.05	10619.34	10182.47	10494.95	2.60	ppb
Terbium	159-1				89		%
Terbium	159-2				93		%
Thallium	203-1	516.94	518.79	515.56	517.10	0.31	ppb
Thallium	205-1	513.11	525.08	522.28	520.16	1.20	ppb
Thorium	232-1	502.78	516.46	506.51	508.58	1.39	ppb
Tin	118-1	531.64	526.54	515.70	524.63	1.55	ppb
Titanium	47-1	2635.49	2642.21	2624.17	2633.96	0.35	ppb
Uranium	238-1	499.16	513.30	506.22	506.23	1.40	ppb
Vanadium	51-2	515.59	516.06	524.93	518.86	1.01	ppb
Yttrium	89-1				84		%
Yttrium	89-2				88		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	PB121667BS	Instrumnet Name :	P7
Client Sample ID :	PB121667BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:45:37	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	974.91	979.02	996.68	983.53	1.18	ppb
Zirconium	90-1	524.53	523.70	523.21	523.81	0.13	ppb
Zirconium	91-1	522.90	516.87	516.46	518.74	0.70	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3766-08	Instrumnet Name :	P7
Client Sample ID :	MA52S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:49:13	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.12	1.47	5.18	3.93	54.25	ppb
Antimony	121-1	0.20	0.27	0.27	0.24	15.42	ppb
Arsenic	75-1	3.83	3.32	3.96	3.70	9.04	ppb
Barium	135-1	0.11	0.14	0.14	0.13	11.29	ppb
Barium	137-1	0.29	0.26	0.17	0.24	24.72	ppb
Beryllium	9-1	0.09	0.01	0.04	0.05	83.52	ppb
Bismuth	209-1				116		%
Bismuth	209-2				105		%
Boron	10-1	19.24	16.52	16.38	17.38	9.29	ppb
Boron	11-1	18.01	18.26	17.17	17.81	3.19	ppb
Cadmium	111-1	0.18	0.08	0.13	0.13	37.46	ppb
Cadmium	106-1	1.00	0.43	0.22	0.55	72.53	ppb
Cadmium	108-1	0.10	-0.06	-0.06	0.00		ppb
Calcium	43-1	13.90	14.43	4.89	11.07	48.41	ppb
Calcium	44-1	19.46	19.01	15.94	18.14	10.57	ppb
Chromium	52-2	0.10	0.12	0.12	0.11	7.94	ppb
Cobalt	59-2	0.04	0.04	0.01	0.03	49.10	ppb
Copper	63-2	2.13	2.51	2.29	2.31	8.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	2.76	2.72	3.03	2.84	5.96	ppb
Iron	57-2	-1.24	2.46	1.43	0.88	216.09	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.23	0.21	0.24	17.16	ppb
Lead	207-1	0.35	0.28	0.23	0.29	20.88	ppb
Lead	208-1	0.27	0.25	0.21	0.24	13.52	ppb
Lithium	6-1				107		%
Magnesium	24-2	6.19	5.10	5.98	5.76	10.09	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3766-08	Instrumnet Name :	P7
Client Sample ID :	MA52S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:49:13	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.49	0.52	0.54	0.52	5.12	ppb
Molybdenum	94-1	0.48	0.30	0.17	0.32	48.74	ppb
Molybdenum	95-1	0.39	0.32	0.29	0.33	14.57	ppb
Molybdenum	96-1	0.42	0.40	0.40	0.41	2.27	ppb
Molybdenum	97-1	0.43	0.37	0.26	0.35	24.73	ppb
Molybdenum	98-1	0.55	0.35	0.36	0.42	26.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.22	0.13	0.17	26.99	ppb
Phosphorus	31-2	-13.70	-7.55	-1.54	-7.60		ppb
Potassium	39-2	18.02	29.14	27.29	24.82	24.02	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	2.13	0.71	173.21	ppb
Selenium	78-2	-0.54	-2.33	-0.91	-1.26		ppb
Selenium	82-1	0.13	0.82	0.09	0.35	118.25	ppb
Silicon	28-1	1.29	2.66	2.81	2.25	37.25	ppb
Silver	109-1	0.09	0.06	0.08	0.08	18.56	ppb
Silver	107-1	0.11	0.11	0.12	0.11	5.36	ppb
Sodium	23-2	59.48	59.55	60.84	59.96	1.27	ppb
Strontium	86-1	0.15	0.09	-0.04	0.07	142.29	ppb
Strontium	88-1	0.09	0.09	0.07	0.08	11.03	ppb
Sulfur	34-1	-2480.36	-2279.28	-2398.99	-2386.21		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.34	0.18	0.25	34.25	ppb
Thallium	205-1	0.30	0.17	0.16	0.21	35.98	ppb
Thorium	232-1	0.06	0.06	0.04	0.05	22.70	ppb
Tin	118-1	0.37	0.30	0.27	0.32	16.23	ppb
Titanium	47-1	0.26	0.07	0.24	0.19	56.68	ppb
Uranium	238-1	0.05	0.03	0.03	0.04	37.13	ppb
Vanadium	51-2	0.07	0.08	0.04	0.06	37.21	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3766-08	Instrumnet Name :	P7
Client Sample ID :	MA52S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:49:13	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.92	3.56	4.19	3.89	8.04	ppb
Zirconium	90-1	0.02	0.04	0.04	0.04	30.38	ppb
Zirconium	91-1	0.06	0.08	0.01	0.05	66.25	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : K3766-20 Instrumnet Name : P7
 Client Sample ID : MA52H3 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:52:50 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33245.90	33521.80	33482.48	33416.73	0.45	ppb
Antimony	121-1	0.39	0.35	0.33	0.36	9.04	ppb
Arsenic	75-1	15.00	15.88	14.43	15.10	4.81	ppb
Barium	135-1	179.27	173.00	175.23	175.83	1.81	ppb
Barium	137-1	179.38	178.11	177.50	178.33	0.54	ppb
Beryllium	9-1	1.96	1.94	1.96	1.95	0.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	14.65	13.43	13.00	13.70	6.24	ppb
Boron	11-1	13.94	13.99	14.01	13.98	0.25	ppb
Cadmium	111-1	0.30	0.52	0.10	0.31	68.41	ppb
Cadmium	106-1	1.03	2.99	-0.44	1.19	144.68	ppb
Cadmium	108-1	0.86	0.31	1.02	0.73	50.99	ppb
Calcium	43-1	5310.67	5339.78	5245.23	5298.56	0.91	ppb
Calcium	44-1	5230.11	5231.01	5168.20	5209.77	0.69	ppb
Chromium	52-2	286.14	287.50	290.16	287.94	0.71	ppb
Cobalt	59-2	10.09	10.03	10.09	10.07	0.39	ppb
Copper	63-2	147.16	152.30	152.20	150.55	1.95	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				94		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	24117.49	24182.07	24290.07	24196.54	0.36	ppb
Iron	57-2	23200.62	23669.31	23598.76	23489.56	1.08	ppb
Krypton	83-1						cps
Lead	206-1	35.64	35.73	34.33	35.23	2.23	ppb
Lead	207-1	32.54	31.80	31.38	31.90	1.84	ppb
Lead	208-1	33.82	33.80	33.43	33.68	0.65	ppb
Lithium	6-1				99		%
Magnesium	24-2	7340.98	7451.62	7443.84	7412.15	0.83	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3766-20	Instrumnet Name :	P7
Client Sample ID :	MA52H3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:52:50	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	260.13	264.56	263.23	262.64	0.87	ppb
Molybdenum	94-1	1.22	1.21	1.37	1.27	7.34	ppb
Molybdenum	95-1	0.75	0.80	0.83	0.79	4.73	ppb
Molybdenum	96-1	0.97	0.96	0.92	0.95	2.58	ppb
Molybdenum	97-1	0.78	0.62	0.78	0.73	12.22	ppb
Molybdenum	98-1	0.94	0.66	0.82	0.80	17.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.02	42.13	42.43	42.19	0.50	ppb
Phosphorus	31-2	424.42	464.64	426.61	438.56	5.16	ppb
Potassium	39-2	3897.34	3946.09	3920.65	3921.36	0.62	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	17.20	29.60	17.15	21.31	33.66	ppb
Selenium	78-2	2.32	3.27	6.20	3.93	51.54	ppb
Selenium	82-1	1.85	0.91	2.51	1.76	45.57	ppb
Silicon	28-1	570.04	586.14	576.48	577.55	1.40	ppb
Silver	109-1	0.40	0.41	0.28	0.36	20.97	ppb
Silver	107-1	0.22	0.21	0.26	0.23	10.60	ppb
Sodium	23-2	552.47	559.68	558.03	556.73	0.68	ppb
Strontium	86-1	39.74	38.90	39.42	39.35	1.07	ppb
Strontium	88-1	40.18	39.22	39.41	39.60	1.29	ppb
Sulfur	34-1	-442.72	-626.68	-679.80	-583.07		ppb
Terbium	159-1				92		%
Terbium	159-2				97		%
Thallium	203-1	0.55	0.51	0.47	0.51	7.81	ppb
Thallium	205-1	0.54	0.38	0.44	0.45	17.21	ppb
Thorium	232-1	1.06	1.02	1.02	1.03	2.18	ppb
Tin	118-1	4.06	4.13	3.95	4.05	2.31	ppb
Titanium	47-1	665.55	663.68	665.39	664.87	0.16	ppb
Uranium	238-1	5.81	5.58	5.67	5.69	2.02	ppb
Vanadium	51-2	45.97	46.60	46.37	46.31	0.69	ppb
Yttrium	89-1				95		%
Yttrium	89-2				102		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3766-20	Instrumnet Name :	P7
Client Sample ID :	MA52H3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:52:50	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	70.67	72.92	74.03	72.54	2.36	ppb
Zirconium	90-1	0.55	0.50	0.47	0.51	8.26	ppb
Zirconium	91-1	0.44	0.62	0.65	0.57	20.58	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : K3766-21 Instrumnet Name : P7
 Client Sample ID : MA52H4 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:56:26 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15185.27	15417.02	15356.86	15319.72	0.79	ppb
Antimony	121-1	0.17	0.14	0.23	0.18	24.81	ppb
Arsenic	75-1	8.70	9.81	10.24	9.58	8.31	ppb
Barium	135-1	53.75	51.15	52.62	52.50	2.49	ppb
Barium	137-1	53.55	52.94	50.26	52.25	3.35	ppb
Beryllium	9-1	1.12	1.23	1.07	1.14	7.10	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	9.49	8.21	8.30	8.67	8.23	ppb
Boron	11-1	8.99	7.81	7.99	8.27	7.69	ppb
Cadmium	111-1	0.26	0.38	0.18	0.27	35.38	ppb
Cadmium	106-1	1.65	2.14	0.89	1.56	40.24	ppb
Cadmium	108-1	0.31	0.13	-0.06	0.13	144.62	ppb
Calcium	43-1	1602.99	1525.47	1612.76	1580.41	3.03	ppb
Calcium	44-1	1591.72	1578.61	1581.68	1584.01	0.43	ppb
Chromium	52-2	26.63	27.01	27.51	27.05	1.64	ppb
Cobalt	59-2	3.45	3.34	3.57	3.45	3.33	ppb
Copper	63-2	4.81	5.04	4.99	4.95	2.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	10776.11	10732.98	10837.67	10782.25	0.49	ppb
Iron	57-2	10384.71	10373.51	10395.70	10384.64	0.11	ppb
Krypton	83-1						cps
Lead	206-1	24.08	23.71	23.76	23.85	0.83	ppb
Lead	207-1	21.01	21.82	21.84	21.56	2.20	ppb
Lead	208-1	22.26	22.60	22.98	22.61	1.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	3159.54	3206.05	3208.06	3191.22	0.86	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3766-21	Instrumnet Name :	P7
Client Sample ID :	MA52H4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:56:26	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	66.36	65.32	66.36	66.01	0.91	ppb
Molybdenum	94-1	0.47	0.45	0.47	0.46	2.90	ppb
Molybdenum	95-1	0.24	0.35	0.42	0.34	26.75	ppb
Molybdenum	96-1	0.60	0.46	0.42	0.49	19.36	ppb
Molybdenum	97-1	0.50	0.41	0.29	0.40	26.03	ppb
Molybdenum	98-1	0.39	0.33	0.27	0.33	17.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.21	14.96	15.63	15.26	2.22	ppb
Phosphorus	31-2	285.62	299.36	340.65	308.54	9.28	ppb
Potassium	39-2	781.31	805.83	830.76	805.97	3.07	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	11.01	6.48	6.51	8.00	32.59	ppb
Selenium	78-2	5.01	2.70	4.17	3.96	29.50	ppb
Selenium	82-1	2.20	1.73	0.83	1.59	44.05	ppb
Silicon	28-1	454.54	480.69	488.73	474.65	3.77	ppb
Silver	109-1	0.24	0.17	0.13	0.18	30.05	ppb
Silver	107-1	0.20	0.23	0.15	0.19	19.69	ppb
Sodium	23-2	214.37	223.85	225.40	221.21	2.70	ppb
Strontium	86-1	12.76	12.94	13.08	12.92	1.25	ppb
Strontium	88-1	13.52	13.54	13.49	13.51	0.19	ppb
Sulfur	34-1	1323.46	-1759.14	-1844.35	-760.01		ppb
Terbium	159-1				92		%
Terbium	159-2				97		%
Thallium	203-1	0.17	0.09	0.17	0.14	34.28	ppb
Thallium	205-1	0.20	0.16	0.13	0.16	19.36	ppb
Thorium	232-1	0.38	0.38	0.40	0.38	3.21	ppb
Tin	118-1	1.19	1.32	1.33	1.28	6.36	ppb
Titanium	47-1	245.51	259.73	254.89	253.38	2.85	ppb
Uranium	238-1	4.48	4.31	4.54	4.44	2.63	ppb
Vanadium	51-2	17.51	17.25	18.10	17.62	2.46	ppb
Yttrium	89-1				94		%
Yttrium	89-2				100		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3766-21	Instrumnet Name :	P7
Client Sample ID :	MA52H4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:56:26	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	25.38	24.15	24.67	24.73	2.49	ppb
Zirconium	90-1	0.17	0.22	0.13	0.17	26.28	ppb
Zirconium	91-1	0.19	0.18	0.15	0.17	12.61	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01	Instrumnet Name :	P7
Client Sample ID :	390711736.1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:00:03	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.86	2.12	2.02	2.33	19.65	ppb
Antimony	121-1	0.04	0.05	0.02	0.04	34.74	ppb
Arsenic	75-1	0.13	0.47	0.93	0.51	77.99	ppb
Barium	135-1	91.00	85.39	84.01	86.80	4.27	ppb
Barium	137-1	88.35	87.47	84.17	86.67	2.54	ppb
Beryllium	9-1	0.04	0.07	0.00	0.04	88.61	ppb
Bismuth	209-1				99		%
Bismuth	209-2				84		%
Boron	10-1	34.88	35.36	36.19	35.48	1.87	ppb
Boron	11-1	39.79	39.00	38.34	39.05	1.86	ppb
Cadmium	111-1	0.03	0.01	-0.03	0.00		ppb
Cadmium	106-1	-0.03	0.05	-0.75	-0.24		ppb
Cadmium	108-1	-0.06	0.13	-0.06	0.01	2022.04	ppb
Calcium	43-1	24475.13	23863.70	24058.71	24132.51	1.29	ppb
Calcium	44-1	22989.27	23027.56	23143.82	23053.55	0.35	ppb
Chromium	52-2	0.16	0.35	0.13	0.21	56.53	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	55.20	ppb
Copper	63-2	1.75	1.63	1.10	1.49	23.19	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				92		%
Holmium	165-2				86		%
Indium	115-1				95		%
Indium	115-2				84		%
Iron	56-2	9718.70	10113.48	8249.78	9360.65	10.49	ppb
Iron	57-2	9465.70	9866.97	8077.90	9136.86	10.27	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.08	0.03	0.05	56.32	ppb
Lead	207-1	0.04	0.04	0.03	0.04	11.73	ppb
Lead	208-1	0.05	0.05	0.05	0.05	9.55	ppb
Lithium	6-1				93		%
Magnesium	24-2	4855.81	5138.73	4179.07	4724.53	10.44	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01	Instrumnet Name :	P7
Client Sample ID :	390711736.1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:00:03	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	128.31	135.88	112.06	125.41	9.71	ppb
Molybdenum	94-1	0.04	0.03	0.04	0.04	20.15	ppb
Molybdenum	95-1	0.02	0.03	0.06	0.04	62.00	ppb
Molybdenum	96-1	0.13	0.10	0.12	0.12	12.78	ppb
Molybdenum	97-1	0.10	-0.01	0.01	0.03	174.30	ppb
Molybdenum	98-1	0.08	0.05	0.04	0.06	39.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.39	0.27	0.32	19.46	ppb
Phosphorus	31-2	39.27	50.83	53.64	47.91	15.89	ppb
Potassium	39-2	6400.42	6707.59	5499.85	6202.62	10.12	ppb
Rhodium	103-1				94		%
Rhodium	103-2				83		%
Scandium	45-1				91		%
Scandium	45-2				82		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.02	-0.63	1.23	-0.47		ppb
Selenium	82-1	-0.12	0.05	0.67	0.20	209.74	ppb
Silicon	28-1	4613.02	4597.05	4693.71	4634.59	1.12	ppb
Silver	109-1	0.02	0.04	0.04	0.04	42.35	ppb
Silver	107-1	0.00	0.04	0.01	0.02	114.37	ppb
Sodium	23-2	7075.63	7371.34	6036.75	6827.91	10.27	ppb
Strontium	86-1	1048.72	1031.10	1013.29	1031.04	1.72	ppb
Strontium	88-1	1063.32	1053.10	1052.83	1056.42	0.57	ppb
Sulfur	34-1	9070.85	8832.49	8976.58	8959.98	1.34	ppb
Terbium	159-1				91		%
Terbium	159-2				86		%
Thallium	203-1	-0.01	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.03		ppb
Thorium	232-1	0.01	0.02	0.01	0.01	19.50	ppb
Tin	118-1	0.03	0.01	0.02	0.02	65.20	ppb
Titanium	47-1	0.17	0.32	0.32	0.27	31.32	ppb
Uranium	238-1	0.00	0.01	0.00	0.01	107.85	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	153.38	ppb
Yttrium	89-1				89		%
Yttrium	89-2				84		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01	Instrumnet Name :	P7
Client Sample ID :	390711736.1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:00:03	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.01	6.19	4.78	5.66	13.49	ppb
Zirconium	90-1	0.03	0.01	-0.01	0.01	159.01	ppb
Zirconium	91-1	-0.01	0.03	0.05	0.02	133.91	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01DUP	Instrumnet Name :	P7
Client Sample ID :	390711736.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:03:40	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.00	2.38	2.34	2.24	9.39	ppb
Antimony	121-1	0.03	0.02	0.05	0.04	46.76	ppb
Arsenic	75-1	0.08	-0.11	0.25	0.07	249.96	ppb
Barium	135-1	86.70	84.14	83.29	84.71	2.09	ppb
Barium	137-1	86.35	84.53	83.00	84.62	1.98	ppb
Beryllium	9-1	0.06	0.01	0.05	0.04	58.43	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	37.18	36.08	35.97	36.41	1.84	ppb
Boron	11-1	37.53	37.58	37.37	37.49	0.29	ppb
Cadmium	111-1	0.22	0.19	-0.13	0.09	203.92	ppb
Cadmium	106-1	2.18	2.31	-1.70	0.93	245.48	ppb
Cadmium	108-1	-0.06	-0.06	-0.06	-0.06		ppb
Calcium	43-1	23562.36	23834.59	23682.58	23693.18	0.58	ppb
Calcium	44-1	22707.61	23093.29	23267.39	23022.76	1.24	ppb
Chromium	52-2	0.13	0.05	0.15	0.11	45.68	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	33.01	ppb
Copper	63-2	1.13	1.07	0.99	1.06	6.58	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				93		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	8352.73	8316.11	8201.35	8290.06	0.95	ppb
Iron	57-2	8172.73	8160.13	8105.04	8145.96	0.44	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.03	0.03	13.60	ppb
Lead	207-1	0.02	0.03	0.00	0.01	124.99	ppb
Lead	208-1	0.03	0.04	0.02	0.03	41.69	ppb
Lithium	6-1				93		%
Magnesium	24-2	4194.10	4280.52	4224.71	4233.11	1.04	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01DUP	Instrumnet Name :	P7
Client Sample ID :	390711736.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:03:40	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	111.97	109.45	109.01	110.14	1.45	ppb
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.05	0.00	0.00	0.01	224.03	ppb
Molybdenum	96-1	0.10	0.06	0.05	0.07	36.20	ppb
Molybdenum	97-1	0.04	0.05	0.04	0.04	1.39	ppb
Molybdenum	98-1	0.02	0.00	0.05	0.02	111.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.13	0.19	0.19	36.55	ppb
Phosphorus	31-2	27.30	14.81	26.86	22.99	30.83	ppb
Potassium	39-2	5568.02	5489.86	5566.96	5541.61	0.81	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.50	-1.46	2.43	0.49	399.39	ppb
Selenium	82-1	0.37	-0.16	0.03	0.08	342.92	ppb
Silicon	28-1	4541.39	4622.88	4659.30	4607.86	1.31	ppb
Silver	109-1	0.00	0.00	0.02	0.01	148.33	ppb
Silver	107-1	0.01	0.02	0.00	0.01	135.76	ppb
Sodium	23-2	6047.51	6069.34	6029.45	6048.77	0.33	ppb
Strontium	86-1	1032.93	1024.51	1021.73	1026.39	0.57	ppb
Strontium	88-1	1045.37	1048.67	1050.26	1048.10	0.24	ppb
Sulfur	34-1	9318.54	9291.35	9251.07	9286.99	0.37	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.04	-0.03	-0.03	-0.03		ppb
Thorium	232-1	0.01	0.01	0.01	0.01	14.60	ppb
Tin	118-1	0.02	0.03	0.02	0.02	37.62	ppb
Titanium	47-1	0.20	0.26	0.47	0.31	45.68	ppb
Uranium	238-1	0.00	0.01	0.00	0.01	70.09	ppb
Vanadium	51-2	0.00	0.02	0.03	0.02	74.02	ppb
Yttrium	89-1				89		%
Yttrium	89-2				93		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01DUP	Instrumnet Name :	P7
Client Sample ID :	390711736.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:03:40	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.27	5.10	4.66	4.68	8.91	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	45.73	ppb
Zirconium	91-1	0.00	0.02	-0.03	0.00		ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01LX5	Instrumnet Name :	P7
Client Sample ID :	390711736.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 19:07:17	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	0.51	0.16	0.16	224.80	ppb
Antimony	121-1	0.00	0.04	0.01	0.01	148.78	ppb
Arsenic	75-1	0.10	-0.12	0.15	0.04	359.12	ppb
Barium	135-1	18.33	17.49	16.87	17.56	4.20	ppb
Barium	137-1	18.36	17.06	17.69	17.70	3.67	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	10.36	11.59	10.92	10.96	5.64	ppb
Boron	11-1	11.60	11.52	11.37	11.50	1.02	ppb
Cadmium	111-1	0.20	0.12	0.24	0.19	32.15	ppb
Cadmium	106-1	2.21	1.51	2.97	2.23	32.62	ppb
Cadmium	108-1	0.13	-0.06	-0.06	0.00	2137.18	ppb
Calcium	43-1	4815.06	4726.63	4670.60	4737.43	1.54	ppb
Calcium	44-1	4541.53	4546.52	4540.83	4542.96	0.07	ppb
Chromium	52-2	-0.10	-0.02	-0.03	-0.05		ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	0.34	0.32	0.25	0.30	15.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	1738.18	1753.96	1729.54	1740.56	0.71	ppb
Iron	57-2	1669.34	1713.58	1673.42	1685.45	1.45	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.02	0.01	56.14	ppb
Lead	207-1	-0.02	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.01	0.01	0.01	0.00	278.53	ppb
Lithium	6-1				95		%
Magnesium	24-2	864.65	840.91	841.98	849.18	1.58	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01LX5	Instrumnet Name :	P7
Client Sample ID :	390711736.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 19:07:17	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	23.37	22.45	22.21	22.67	2.70	ppb
Molybdenum	94-1	0.03	0.00	-0.01	0.00	549.97	ppb
Molybdenum	95-1	-0.02	0.00	-0.02	-0.01		ppb
Molybdenum	96-1	0.05	0.02	0.04	0.04	40.48	ppb
Molybdenum	97-1	0.04	0.01	-0.03	0.01	414.30	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	25.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.00	0.00	0.03	154.02	ppb
Phosphorus	31-2	-24.15	13.07	-30.50	-13.86		ppb
Potassium	39-2	1133.87	1127.21	1146.13	1135.74	0.84	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.24	0.02	-1.49	-1.24		ppb
Selenium	82-1	0.57	0.91	1.00	0.83	27.13	ppb
Silicon	28-1	876.29	888.33	879.22	881.28	0.71	ppb
Silver	109-1	0.02	0.01	0.02	0.02	25.39	ppb
Silver	107-1	0.02	-0.01	0.00	0.00	1655.85	ppb
Sodium	23-2	1240.34	1254.13	1239.25	1244.57	0.67	ppb
Strontium	86-1	208.76	202.87	204.83	205.49	1.46	ppb
Strontium	88-1	213.06	207.42	203.17	207.88	2.39	ppb
Sulfur	34-1	1427.33	1164.53	1238.73	1276.86	10.61	ppb
Terbium	159-1				92		%
Terbium	159-2				97		%
Thallium	203-1	-0.03	-0.03	-0.04	-0.03		ppb
Thallium	205-1	-0.04	-0.03	-0.03	-0.03		ppb
Thorium	232-1	0.00	0.00	0.01	0.00	15.89	ppb
Tin	118-1	0.01	0.02	0.02	0.02	56.23	ppb
Titanium	47-1	0.00	0.00	0.14	0.04	187.90	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				91		%
Yttrium	89-2				95		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01LX5	Instrumnet Name :	P7
Client Sample ID :	390711736.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 19:07:17	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.26	1.06	0.92	1.08	15.55	ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb
Zirconium	91-1	0.02	0.03	0.00	0.02	83.06	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3873-01	Instrumnet Name :	P7
Client Sample ID :	390715009	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:10:53	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.35	4.42	3.68	3.82	14.24	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	24.56	ppb
Arsenic	75-1	0.09	0.14	0.02	0.08	75.31	ppb
Barium	135-1	0.05	0.10	0.05	0.07	48.09	ppb
Barium	137-1	0.02	0.05	0.02	0.03	64.86	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	55.94	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	3.25	3.27	5.04	3.85	26.70	ppb
Boron	11-1	3.95	4.07	4.04	4.02	1.54	ppb
Cadmium	111-1	-0.08	0.04	-0.16	-0.07		ppb
Cadmium	106-1	-1.01	0.19	-2.07	-0.96		ppb
Cadmium	108-1	-0.06	0.31	-0.06	0.06	322.11	ppb
Calcium	43-1	7.06	6.02	7.39	6.82	10.45	ppb
Calcium	44-1	17.93	17.60	20.57	18.70	8.70	ppb
Chromium	52-2	0.10	0.17	0.10	0.13	33.04	ppb
Cobalt	59-2	0.01	-0.01	0.01	0.00	467.95	ppb
Copper	63-2	0.32	0.32	0.28	0.31	6.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	1.55	1.20	1.76	1.50	18.83	ppb
Iron	57-2	-0.42	-3.19	1.74	-0.62		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.06	0.04	34.68	ppb
Lead	207-1	0.04	0.04	0.03	0.04	8.70	ppb
Lead	208-1	0.02	0.03	0.04	0.03	41.77	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.70	1.45	0.69	0.95	46.61	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3873-01	Instrumnet Name :	P7
Client Sample ID :	390715009	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:10:53	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.24	0.28	0.26	0.26	7.57	ppb
Molybdenum	94-1	-0.01	0.01	0.05	0.02	190.12	ppb
Molybdenum	95-1	0.00	-0.02	-0.03	-0.02		ppb
Molybdenum	96-1	0.01	0.06	0.03	0.03	70.17	ppb
Molybdenum	97-1	-0.03	-0.03	0.03	-0.01		ppb
Molybdenum	98-1	0.03	0.01	0.01	0.02	47.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.10	0.18	0.13	35.04	ppb
Phosphorus	31-2	-11.83	-24.32	-24.42	-20.19		ppb
Potassium	39-2	24.00	19.67	14.57	19.41	24.30	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.46	-1.89	-2.26	-1.87		ppb
Selenium	82-1	1.53	0.16	0.94	0.88	78.23	ppb
Silicon	28-1	5.44	7.01	8.76	7.07	23.50	ppb
Silver	109-1	0.01	0.00	0.01	0.01	43.04	ppb
Silver	107-1	0.00	0.01	0.00	0.00	214.41	ppb
Sodium	23-2	22.23	25.92	19.85	22.67	13.48	ppb
Strontium	86-1	0.18	0.11	0.21	0.17	32.62	ppb
Strontium	88-1	0.08	0.08	0.06	0.07	14.48	ppb
Sulfur	34-1	-832.03	-675.61	-500.52	-669.39		ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	-0.04	-0.02	0.00	-0.02		ppb
Thallium	205-1	-0.04	-0.03	-0.04	-0.04		ppb
Thorium	232-1	0.01	0.00	0.00	0.01	19.61	ppb
Tin	118-1	0.19	0.11	0.11	0.14	32.04	ppb
Titanium	47-1	0.02	-0.03	0.05	0.02	279.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	147.27	ppb
Yttrium	89-1				90		%
Yttrium	89-2				96		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3873-01	Instrumnet Name :	P7
Client Sample ID :	390715009	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:10:53	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.43	5.49	4.72	4.88	11.19	ppb
Zirconium	90-1	0.00	0.03	0.01	0.01	100.57	ppb
Zirconium	91-1	0.05	0.03	0.02	0.03	45.36	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:14:28	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56451.82	54410.04	55746.21	55536.02	1.87	ppb
Antimony	121-1	548.81	531.76	535.95	538.84	1.65	ppb
Arsenic	75-1	542.59	536.01	538.88	539.16	0.61	ppb
Barium	135-1	2564.61	2564.72	2559.85	2563.06	0.11	ppb
Barium	137-1	2573.97	2572.21	2604.29	2583.49	0.70	ppb
Beryllium	9-1	517.93	516.45	509.70	514.69	0.85	ppb
Bismuth	209-1				88		%
Bismuth	209-2				84		%
Boron	10-1	497.33	513.68	496.90	502.64	1.90	ppb
Boron	11-1	505.02	501.30	502.01	502.77	0.39	ppb
Cadmium	111-1	534.83	529.39	531.12	531.78	0.52	ppb
Cadmium	106-1	553.93	540.44	535.93	543.43	1.72	ppb
Cadmium	108-1	537.51	568.54	536.85	547.63	3.31	ppb
Calcium	43-1	257281.32	260424.27	259633.81	259113.13	0.63	ppb
Calcium	44-1	257448.82	260166.92	262075.67	259897.13	0.89	ppb
Chromium	52-2	510.89	492.12	502.79	501.94	1.88	ppb
Cobalt	59-2	501.53	481.93	498.24	493.90	2.12	ppb
Copper	63-2	1002.42	975.89	989.71	989.34	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				94		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	129610.04	123523.26	125865.98	126333.10	2.43	ppb
Iron	57-2	132611.84	127562.00	130531.77	130235.20	1.95	ppb
Krypton	83-1						cps
Lead	206-1	523.16	524.17	527.29	524.88	0.41	ppb
Lead	207-1	525.82	524.62	525.22	525.22	0.11	ppb
Lead	208-1	526.88	529.16	532.07	529.37	0.49	ppb
Lithium	6-1				89		%
Magnesium	24-2	254359.24	242314.86	247290.88	247988.33	2.44	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:14:28	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1002.55	978.93	995.60	992.36	1.22	ppb
Molybdenum	94-1	2606.71	2597.90	2598.87	2601.16	0.19	ppb
Molybdenum	95-1	2575.50	2581.31	2583.99	2580.26	0.17	ppb
Molybdenum	96-1	2577.29	2570.92	2578.59	2575.60	0.16	ppb
Molybdenum	97-1	2549.36	2539.86	2538.22	2542.48	0.24	ppb
Molybdenum	98-1	2570.53	2590.31	2601.15	2587.33	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.72	480.51	482.04	484.75	1.25	ppb
Phosphorus	31-2	10336.82	9851.67	10387.14	10191.88	2.90	ppb
Potassium	39-2	126677.11	121377.31	124194.08	124082.83	2.14	ppb
Rhodium	103-1				81		%
Rhodium	103-2				82		%
Scandium	45-1				85		%
Scandium	45-2				88		%
Selenium	77-2	412.73	523.96	546.16	494.28	14.46	ppb
Selenium	78-2	497.69	500.52	499.12	499.11	0.28	ppb
Selenium	82-1	502.75	498.27	502.34	501.12	0.49	ppb
Silicon	28-1	529.38	535.28	538.30	534.32	0.85	ppb
Silver	109-1	534.71	529.71	531.44	531.95	0.48	ppb
Silver	107-1	538.13	534.78	526.42	533.11	1.13	ppb
Sodium	23-2	255894.02	244420.13	248846.96	249720.37	2.32	ppb
Strontium	86-1	526.21	516.98	516.64	519.94	1.04	ppb
Strontium	88-1	529.28	527.09	527.55	527.97	0.22	ppb
Sulfur	34-1	10725.32	10258.61	10246.34	10410.09	2.62	ppb
Terbium	159-1				89		%
Terbium	159-2				93		%
Thallium	203-1	526.96	524.09	524.39	525.14	0.30	ppb
Thallium	205-1	532.13	536.57	538.70	535.80	0.63	ppb
Thorium	232-1	538.72	545.64	545.19	543.18	0.71	ppb
Tin	118-1	505.61	492.08	496.31	498.00	1.39	ppb
Titanium	47-1	2589.70	2588.69	2592.31	2590.23	0.07	ppb
Uranium	238-1	532.74	544.51	542.93	540.06	1.18	ppb
Vanadium	51-2	515.39	496.57	507.29	506.42	1.86	ppb
Yttrium	89-1				83		%
Yttrium	89-2				90		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:14:28	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1018.87	996.10	1009.23	1008.07	1.13	ppb
Zirconium	90-1	518.37	520.08	517.61	518.68	0.24	ppb
Zirconium	91-1	514.62	506.26	508.90	509.93	0.84	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : CCB51 Instrumnet Name : P7
 Client Sample ID : CCB51 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 19:18:06 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.11	2.06	0.59	1.58	54.63	ppb
Antimony	121-1	0.56	0.54	0.48	0.53	7.12	ppb
Arsenic	75-1	0.01	-0.22	-0.06	-0.09		ppb
Barium	135-1	0.42	0.33	0.22	0.33	30.75	ppb
Barium	137-1	0.30	0.20	0.10	0.20	49.59	ppb
Beryllium	9-1	0.05	0.09	0.04	0.06	39.59	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	18.01	18.45	14.50	16.99	12.74	ppb
Boron	11-1	19.19	17.18	16.94	17.77	6.96	ppb
Cadmium	111-1	0.38	0.14	0.11	0.21	69.94	ppb
Cadmium	106-1	3.80	0.14	1.35	1.76	106.00	ppb
Cadmium	108-1	-0.06	-0.06	0.13	0.01	1601.95	ppb
Calcium	43-1	18.77	20.22	9.93	16.31	34.14	ppb
Calcium	44-1	32.05	25.44	18.26	25.25	27.32	ppb
Chromium	52-2	0.01	0.02	0.00	0.01	108.59	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	104.87	ppb
Copper	63-2	0.18	0.15	0.15	0.16	11.08	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				91		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	6.50	4.84	4.16	5.17	23.37	ppb
Iron	57-2	7.03	6.20	-1.26	3.99	114.41	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.08	0.03	0.05	42.37	ppb
Lead	207-1	0.04	0.04	0.02	0.03	34.97	ppb
Lead	208-1	0.06	0.05	0.03	0.05	23.95	ppb
Lithium	6-1				92		%
Magnesium	24-2	9.92	7.15	6.49	7.85	23.20	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:18:06	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.03	0.03	0.04	62.57	ppb
Molybdenum	94-1	0.45	0.60	0.32	0.46	30.67	ppb
Molybdenum	95-1	0.73	0.49	0.48	0.57	24.76	ppb
Molybdenum	96-1	0.61	0.38	0.33	0.44	33.81	ppb
Molybdenum	97-1	0.80	0.67	0.59	0.69	16.00	ppb
Molybdenum	98-1	0.56	0.49	0.48	0.51	8.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.04	-0.01	-0.01		ppb
Phosphorus	31-2	-16.30	-29.92	-23.01	-23.07		ppb
Potassium	39-2	23.65	25.63	22.39	23.89	6.84	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.20	-1.41	-0.62	-0.74		ppb
Selenium	82-1	0.00	0.82	0.83	0.55	86.36	ppb
Silicon	28-1	-1.00	-1.41	-1.24	-1.22		ppb
Silver	109-1	0.05	0.07	0.05	0.06	23.89	ppb
Silver	107-1	0.09	0.06	0.02	0.06	56.98	ppb
Sodium	23-2	40.94	40.36	39.98	40.43	1.20	ppb
Strontium	86-1	0.08	0.03	0.08	0.07	49.11	ppb
Strontium	88-1	0.07	0.04	0.03	0.05	38.99	ppb
Sulfur	34-1	-1054.41	-1062.16	-970.33	-1028.97		ppb
Terbium	159-1				90		%
Terbium	159-2				93		%
Thallium	203-1	0.11	0.11	0.06	0.09	32.34	ppb
Thallium	205-1	0.12	0.12	0.06	0.10	31.29	ppb
Thorium	232-1	0.13	0.12	0.10	0.12	11.74	ppb
Tin	118-1	0.16	0.12	0.17	0.15	17.80	ppb
Titanium	47-1	0.29	0.21	0.09	0.20	50.03	ppb
Uranium	238-1	0.05	0.05	0.02	0.04	40.20	ppb
Vanadium	51-2	0.02	0.03	0.01	0.02	63.85	ppb
Yttrium	89-1				86		%
Yttrium	89-2				91		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:18:06	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.12	0.11	-0.17	-0.06		ppb
Zirconium	90-1	0.07	0.09	0.07	0.08	17.57	ppb
Zirconium	91-1	0.08	0.08	0.15	0.10	42.56	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01MS	Instrumnet Name :	P7
Client Sample ID :	390711736.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:21:42	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2039.30	2122.01	2090.51	2083.94	2.00	ppb
Antimony	121-1	852.03	843.01	835.63	843.56	0.97	ppb
Arsenic	75-1	750.64	741.33	760.34	750.77	1.27	ppb
Barium	135-1	290.87	290.71	281.76	287.78	1.81	ppb
Barium	137-1	295.32	294.60	291.67	293.87	0.66	ppb
Beryllium	9-1	199.70	202.09	201.87	201.22	0.66	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	322.29	325.21	326.06	324.52	0.61	ppb
Boron	11-1	320.93	325.72	331.65	326.10	1.65	ppb
Cadmium	111-1	200.29	197.75	197.33	198.46	0.81	ppb
Cadmium	106-1	152.31	157.62	149.09	153.01	2.82	ppb
Cadmium	108-1	170.02	175.16	181.10	175.43	3.16	ppb
Calcium	43-1	24025.58	24526.98	24157.62	24236.73	1.07	ppb
Calcium	44-1	23059.87	23374.18	23308.31	23247.45	0.71	ppb
Chromium	52-2	409.06	419.63	413.13	413.94	1.29	ppb
Cobalt	59-2	210.30	212.83	210.68	211.27	0.65	ppb
Copper	63-2	298.88	302.96	306.75	302.86	1.30	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				93		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	11385.78	11521.61	11482.74	11463.38	0.61	ppb
Iron	57-2	11195.90	11265.69	11305.62	11255.74	0.49	ppb
Krypton	83-1						cps
Lead	206-1	1040.91	1031.70	1037.65	1036.75	0.45	ppb
Lead	207-1	1004.20	990.56	997.79	997.52	0.68	ppb
Lead	208-1	1029.17	1023.84	1027.99	1027.00	0.27	ppb
Lithium	6-1				97		%
Magnesium	24-2	6324.38	6468.88	6485.15	6426.14	1.38	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01MS	Instrumnet Name :	P7
Client Sample ID :	390711736.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:21:42	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	313.96	317.74	315.51	315.74	0.60	ppb
Molybdenum	94-1	268.02	262.21	265.56	265.27	1.10	ppb
Molybdenum	95-1	380.44	376.65	379.62	378.90	0.53	ppb
Molybdenum	96-1	367.99	368.33	366.85	367.72	0.21	ppb
Molybdenum	97-1	393.14	384.39	387.59	388.37	1.14	ppb
Molybdenum	98-1	383.90	378.14	377.08	379.71	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.36	531.83	537.98	533.73	0.69	ppb
Phosphorus	31-2	6151.64	6437.51	6672.46	6420.54	4.06	ppb
Potassium	39-2	15825.53	16096.28	16032.54	15984.78	0.89	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	77-2	2042.70	2083.55	2034.13	2053.46	1.29	ppb
Selenium	78-2	2084.23	2048.53	2101.14	2077.97	1.29	ppb
Selenium	82-1	2046.80	2039.91	2035.83	2040.85	0.27	ppb
Silicon	28-1	5311.48	5414.94	5385.78	5370.73	0.99	ppb
Silver	109-1	80.17	78.80	77.88	78.95	1.46	ppb
Silver	107-1	80.69	78.50	77.71	78.97	1.95	ppb
Sodium	23-2	9041.71	9257.44	9232.75	9177.30	1.29	ppb
Strontium	86-1	1208.98	1197.60	1205.82	1204.13	0.49	ppb
Strontium	88-1	1225.13	1225.95	1227.52	1226.20	0.10	ppb
Sulfur	34-1	7925.90	8120.85	7751.03	7932.59	2.33	ppb
Terbium	159-1				91		%
Terbium	159-2				95		%
Thallium	203-1	2085.19	2087.42	2079.80	2084.14	0.19	ppb
Thallium	205-1	2069.93	2057.09	2080.75	2069.26	0.57	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	2.49	ppb
Tin	118-1	734.31	713.53	711.16	719.67	1.77	ppb
Titanium	47-1	207.76	213.34	209.95	210.35	1.34	ppb
Uranium	238-1	0.00	0.00	0.02	0.01	137.32	ppb
Vanadium	51-2	307.24	311.37	311.19	309.93	0.75	ppb
Yttrium	89-1				87		%
Yttrium	89-2				92		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01MS	Instrumnet Name :	P7
Client Sample ID :	390711736.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:21:42	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	208.04	211.94	202.44	207.47	2.30	ppb
Zirconium	90-1	0.26	0.19	0.24	0.23	15.22	ppb
Zirconium	91-1	0.36	0.55	0.46	0.46	20.85	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01MSD	Instrumnet Name :	P7
Client Sample ID :	390711736.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:25:17	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2033.82	2088.51	2023.48	2048.60	1.71	ppb
Antimony	121-1	848.37	829.13	823.17	833.56	1.58	ppb
Arsenic	75-1	760.65	739.76	733.47	744.63	1.91	ppb
Barium	135-1	288.18	282.88	285.45	285.50	0.93	ppb
Barium	137-1	288.29	289.61	290.35	289.42	0.36	ppb
Beryllium	9-1	200.85	198.73	200.55	200.04	0.57	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	331.26	336.29	322.53	330.03	2.11	ppb
Boron	11-1	332.69	339.41	336.07	336.06	1.00	ppb
Cadmium	111-1	201.27	200.52	201.10	200.96	0.20	ppb
Cadmium	106-1	158.53	160.36	150.21	156.37	3.46	ppb
Cadmium	108-1	177.37	172.01	179.42	176.27	2.17	ppb
Calcium	43-1	24345.43	23626.74	24078.60	24016.92	1.51	ppb
Calcium	44-1	23133.66	23271.44	23177.22	23194.10	0.30	ppb
Chromium	52-2	418.82	416.14	415.45	416.80	0.43	ppb
Cobalt	59-2	212.24	211.93	210.23	211.47	0.51	ppb
Copper	63-2	301.20	303.04	302.60	302.28	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	11429.48	11265.37	11233.81	11309.55	0.93	ppb
Iron	57-2	11135.84	11080.88	10947.45	11054.72	0.88	ppb
Krypton	83-1						cps
Lead	206-1	1029.79	1040.32	1052.58	1040.89	1.10	ppb
Lead	207-1	1000.74	1002.88	1000.10	1001.24	0.15	ppb
Lead	208-1	1020.26	1032.19	1036.58	1029.68	0.82	ppb
Lithium	6-1				97		%
Magnesium	24-2	6382.42	6359.80	6375.84	6372.68	0.18	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01MSD	Instrumnet Name :	P7
Client Sample ID :	390711736.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:25:17	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	319.94	312.65	310.77	314.45	1.54	ppb
Molybdenum	94-1	265.96	264.10	263.69	264.58	0.46	ppb
Molybdenum	95-1	386.60	371.40	379.44	379.15	2.01	ppb
Molybdenum	96-1	370.91	366.29	365.12	367.44	0.83	ppb
Molybdenum	97-1	391.84	384.13	379.84	385.27	1.58	ppb
Molybdenum	98-1	379.00	380.17	373.72	377.63	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.32	529.16	525.49	527.66	0.36	ppb
Phosphorus	31-2	6221.88	6604.75	6527.48	6451.37	3.14	ppb
Potassium	39-2	15982.83	15897.50	15909.68	15930.00	0.29	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	77-2	2082.22	1874.94	2018.43	1991.86	5.33	ppb
Selenium	78-2	2134.46	2073.58	2028.70	2078.92	2.55	ppb
Selenium	82-1	2077.18	2062.72	2026.89	2055.60	1.26	ppb
Silicon	28-1	5319.35	5353.59	5388.33	5353.76	0.64	ppb
Silver	109-1	78.13	77.54	76.54	77.41	1.04	ppb
Silver	107-1	78.45	76.93	78.06	77.81	1.01	ppb
Sodium	23-2	9130.47	9191.66	9135.52	9152.55	0.37	ppb
Strontium	86-1	1199.08	1195.15	1188.79	1194.34	0.43	ppb
Strontium	88-1	1223.99	1220.96	1213.93	1219.63	0.42	ppb
Sulfur	34-1	7705.71	7666.63	7517.21	7629.85	1.30	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	2052.63	2069.43	2095.66	2072.57	1.05	ppb
Thallium	205-1	2030.65	2066.98	2099.45	2065.69	1.67	ppb
Thorium	232-1	0.03	0.02	0.04	0.03	26.98	ppb
Tin	118-1	718.43	706.11	710.44	711.66	0.88	ppb
Titanium	47-1	212.32	207.16	205.57	208.35	1.69	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	21.10	ppb
Vanadium	51-2	314.17	308.75	306.95	309.96	1.21	ppb
Yttrium	89-1				87		%
Yttrium	89-2				91		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01MSD	Instrumnet Name :	P7
Client Sample ID :	390711736.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:25:17	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	202.05	207.59	204.59	204.74	1.35	ppb
Zirconium	90-1	0.10	0.10	0.11	0.10	6.46	ppb
Zirconium	91-1	0.30	0.24	0.27	0.27	10.87	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01A	Instrumnet Name :	P7
Client Sample ID :	390711736.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:28:53	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2082.51	2148.85	2169.81	2133.72	2.14	ppb
Antimony	121-1	851.77	845.39	838.43	845.19	0.79	ppb
Arsenic	75-1	756.43	747.02	743.35	748.94	0.90	ppb
Barium	135-1	292.57	296.55	284.12	291.08	2.18	ppb
Barium	137-1	294.37	299.58	295.67	296.54	0.91	ppb
Beryllium	9-1	200.41	201.63	200.42	200.82	0.35	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	341.41	340.56	344.11	342.03	0.54	ppb
Boron	11-1	333.46	345.98	341.87	340.44	1.87	ppb
Cadmium	111-1	204.92	199.35	197.45	200.58	1.94	ppb
Cadmium	106-1	158.30	158.83	155.07	157.40	1.29	ppb
Cadmium	108-1	173.19	174.49	167.89	171.86	2.04	ppb
Calcium	43-1	24395.61	24046.18	24366.30	24269.37	0.80	ppb
Calcium	44-1	23391.39	23399.43	23566.11	23452.31	0.42	ppb
Chromium	52-2	423.36	422.56	421.41	422.44	0.23	ppb
Cobalt	59-2	215.53	215.96	217.40	216.30	0.45	ppb
Copper	63-2	306.88	310.62	309.62	309.04	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				92		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	11676.58	11586.06	11542.88	11601.84	0.59	ppb
Iron	57-2	11278.63	11433.10	11373.41	11361.72	0.69	ppb
Krypton	83-1						cps
Lead	206-1	1038.73	1045.94	1057.68	1047.45	0.91	ppb
Lead	207-1	1008.30	1006.54	1002.26	1005.70	0.31	ppb
Lead	208-1	1028.58	1040.34	1048.19	1039.04	0.95	ppb
Lithium	6-1				97		%
Magnesium	24-2	6536.08	6522.12	6501.63	6519.94	0.27	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01A	Instrumnet Name :	P7
Client Sample ID :	390711736.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:28:53	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	320.85	318.82	317.57	319.08	0.52	ppb
Molybdenum	94-1	274.15	262.27	262.67	266.36	2.53	ppb
Molybdenum	95-1	389.39	374.41	381.80	381.87	1.96	ppb
Molybdenum	96-1	373.72	365.28	369.75	369.59	1.14	ppb
Molybdenum	97-1	390.93	385.51	381.72	386.05	1.20	ppb
Molybdenum	98-1	386.84	375.92	381.34	381.36	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	547.20	543.77	540.82	543.93	0.59	ppb
Phosphorus	31-2	6441.22	6449.91	6562.14	6484.42	1.04	ppb
Potassium	39-2	16272.87	16329.52	16128.98	16243.79	0.64	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	77-2	2073.56	2082.62	2114.51	2090.23	1.03	ppb
Selenium	78-2	2111.95	2055.54	2065.04	2077.51	1.45	ppb
Selenium	82-1	2076.72	2058.04	2070.07	2068.28	0.46	ppb
Silicon	28-1	5400.88	5416.76	5481.79	5433.15	0.79	ppb
Silver	109-1	78.74	79.00	77.04	78.26	1.36	ppb
Silver	107-1	80.70	77.61	77.16	78.49	2.46	ppb
Sodium	23-2	9381.09	9366.24	9288.09	9345.14	0.53	ppb
Strontium	86-1	1222.44	1204.63	1206.19	1211.09	0.81	ppb
Strontium	88-1	1237.18	1221.77	1227.61	1228.85	0.63	ppb
Sulfur	34-1	7982.72	7657.60	7875.28	7838.54	2.11	ppb
Terbium	159-1				91		%
Terbium	159-2				95		%
Thallium	203-1	2060.90	2084.63	2130.62	2092.05	1.69	ppb
Thallium	205-1	2046.92	2060.92	2108.39	2072.08	1.55	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	15.76	ppb
Tin	118-1	723.47	718.93	709.41	717.27	1.00	ppb
Titanium	47-1	211.83	208.80	207.45	209.36	1.07	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	77.21	ppb
Vanadium	51-2	317.16	314.29	316.99	316.15	0.51	ppb
Yttrium	89-1				86		%
Yttrium	89-2				91		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01A	Instrumnet Name :	P7
Client Sample ID :	390711736.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:28:53	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	206.87	214.05	208.58	209.83	1.79	ppb
Zirconium	90-1	0.09	0.06	0.09	0.08	20.89	ppb
Zirconium	91-1	0.42	0.24	0.42	0.36	29.20	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3946-01	Instrumnet Name :	P7
Client Sample ID :	390712138.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:32:30	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.44	10.88	13.12	12.15	9.47	ppb
Antimony	121-1	3.00	3.00	2.97	2.99	0.67	ppb
Arsenic	75-1	1.13	0.40	0.67	0.73	50.43	ppb
Barium	135-1	35.82	35.11	34.98	35.30	1.28	ppb
Barium	137-1	37.28	35.32	36.53	36.38	2.73	ppb
Beryllium	9-1	0.07	0.02	0.06	0.05	45.05	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	48.03	44.05	41.78	44.62	7.10	ppb
Boron	11-1	45.65	45.81	44.77	45.41	1.24	ppb
Cadmium	111-1	1.29	1.14	1.24	1.22	6.33	ppb
Cadmium	106-1	3.08	2.52	3.92	3.17	22.17	ppb
Cadmium	108-1	2.70	3.79	2.90	3.13	18.46	ppb
Calcium	43-1	28649.95	28385.07	28230.35	28421.79	0.75	ppb
Calcium	44-1	27831.04	28343.60	28653.76	28276.13	1.47	ppb
Chromium	52-2	0.09	0.23	0.07	0.13	67.38	ppb
Cobalt	59-2	3.63	3.91	3.67	3.74	4.07	ppb
Copper	63-2	170.79	171.73	174.88	172.47	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	51.12	48.60	48.90	49.54	2.78	ppb
Iron	57-2	166.26	165.19	188.87	173.44	7.71	ppb
Krypton	83-1						cps
Lead	206-1	6.81	6.60	6.96	6.79	2.63	ppb
Lead	207-1	6.63	6.71	6.47	6.60	1.82	ppb
Lead	208-1	6.74	6.57	6.67	6.66	1.26	ppb
Lithium	6-1				93		%
Magnesium	24-2	7586.96	7712.19	7836.48	7711.88	1.62	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3946-01	Instrumnet Name :	P7
Client Sample ID :	390712138.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:32:30	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.22	3.31	3.51	3.35	4.45	ppb
Molybdenum	94-1	0.19	0.28	0.16	0.21	29.40	ppb
Molybdenum	95-1	0.31	0.39	0.40	0.37	13.86	ppb
Molybdenum	96-1	0.33	0.32	0.38	0.35	8.55	ppb
Molybdenum	97-1	0.34	0.45	0.29	0.36	22.88	ppb
Molybdenum	98-1	0.63	0.50	0.54	0.56	12.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4876.32	4899.20	4945.47	4907.00	0.72	ppb
Phosphorus	31-2	151.39	291.22	376.82	273.14	41.66	ppb
Potassium	39-2	1466.05	1431.57	1454.94	1450.85	1.21	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.22	-0.21	0.52	0.18	207.19	ppb
Selenium	82-1	1.77	1.03	0.81	1.21	41.62	ppb
Silicon	28-1	3159.80	3221.25	3210.77	3197.27	1.03	ppb
Silver	109-1	0.03	0.02	0.02	0.02	26.77	ppb
Silver	107-1	0.05	0.02	0.02	0.03	66.79	ppb
Sodium	23-2	63236.64	62890.52	63314.86	63147.34	0.36	ppb
Strontium	86-1	102.30	99.56	97.13	99.66	2.60	ppb
Strontium	88-1	102.83	100.42	99.81	101.02	1.58	ppb
Sulfur	34-1	3536.46	3698.94	3940.85	3725.41	5.46	ppb
Terbium	159-1				91		%
Terbium	159-2				94		%
Thallium	203-1	0.70	0.57	0.40	0.56	26.90	ppb
Thallium	205-1	0.56	0.49	0.46	0.51	10.31	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	4.12	ppb
Tin	118-1	5.27	4.50	4.82	4.86	7.90	ppb
Titanium	47-1	0.35	0.51	0.28	0.38	31.12	ppb
Uranium	238-1	0.06	0.07	0.04	0.06	19.83	ppb
Vanadium	51-2	0.12	0.12	0.09	0.11	15.27	ppb
Yttrium	89-1				87		%
Yttrium	89-2				91		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3946-01	Instrumnet Name :	P7
Client Sample ID :	390712138.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:32:30	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9003.59	9020.06	9102.18	9041.94	0.58	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	23.08	ppb
Zirconium	91-1	0.05	0.03	-0.01	0.02	130.22	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3947-01	Instrumnet Name :	P7
Client Sample ID :	390712136.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:36:06	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.99	39.49	43.11	42.86	7.59	ppb
Antimony	121-1	6.89	6.61	6.68	6.73	2.16	ppb
Arsenic	75-1	0.68	0.34	0.80	0.61	38.91	ppb
Barium	135-1	41.29	41.30	42.13	41.57	1.16	ppb
Barium	137-1	43.16	41.49	41.34	42.00	2.41	ppb
Beryllium	9-1	0.01	-0.02	0.01	0.00		ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	10-1	37.21	37.92	37.68	37.60	0.96	ppb
Boron	11-1	39.38	37.84	38.64	38.62	1.99	ppb
Cadmium	111-1	3.90	3.83	3.81	3.85	1.18	ppb
Cadmium	106-1	11.87	14.14	9.22	11.74	20.96	ppb
Cadmium	108-1	10.95	10.40	11.44	10.93	4.79	ppb
Calcium	43-1	31959.55	32502.96	32224.78	32229.10	0.84	ppb
Calcium	44-1	31959.08	32317.70	32654.02	32310.27	1.08	ppb
Chromium	52-2	0.47	0.28	0.27	0.34	33.00	ppb
Cobalt	59-2	1.19	1.34	1.23	1.26	6.16	ppb
Copper	63-2	284.17	286.16	279.71	283.35	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	78.75	79.07	76.70	78.17	1.64	ppb
Iron	57-2	225.92	240.54	191.75	219.40	11.41	ppb
Krypton	83-1						cps
Lead	206-1	114.85	116.12	111.50	114.16	2.09	ppb
Lead	207-1	108.78	110.69	109.00	109.49	0.95	ppb
Lead	208-1	111.95	113.61	111.63	112.40	0.94	ppb
Lithium	6-1				94		%
Magnesium	24-2	7468.08	7442.03	7359.39	7423.17	0.76	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3947-01	Instrumnet Name :	P7
Client Sample ID :	390712136.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:36:06	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.68	13.12	12.05	12.62	4.24	ppb
Molybdenum	94-1	0.28	0.15	0.29	0.24	31.71	ppb
Molybdenum	95-1	0.32	0.29	0.28	0.30	8.67	ppb
Molybdenum	96-1	0.32	0.29	0.30	0.30	4.63	ppb
Molybdenum	97-1	0.23	0.23	0.19	0.22	10.05	ppb
Molybdenum	98-1	0.50	0.57	0.55	0.54	6.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9441.33	9517.84	9282.06	9413.74	1.28	ppb
Phosphorus	31-2	381.97	416.20	465.35	421.17	9.95	ppb
Potassium	39-2	1504.01	1530.68	1518.66	1517.78	0.88	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	77-2	0.00	2.42	0.00	0.81	173.21	ppb
Selenium	78-2	-0.16	-0.18	-0.19	-0.18		ppb
Selenium	82-1	0.68	0.66	1.55	0.96	52.99	ppb
Silicon	28-1	2621.50	2669.52	2686.10	2659.04	1.26	ppb
Silver	109-1	0.00	0.00	0.01	0.01	55.39	ppb
Silver	107-1	0.02	0.02	0.16	0.07	117.02	ppb
Sodium	23-2	80796.64	81928.22	80144.53	80956.46	1.11	ppb
Strontium	86-1	107.60	103.70	102.07	104.46	2.72	ppb
Strontium	88-1	107.10	105.60	105.10	105.93	0.99	ppb
Sulfur	34-1	5066.41	4929.89	5084.89	5027.06	1.68	ppb
Terbium	159-1				90		%
Terbium	159-2				92		%
Thallium	203-1	0.18	0.15	0.30	0.21	37.43	ppb
Thallium	205-1	0.29	0.25	0.19	0.24	21.93	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	52.15	ppb
Tin	118-1	49.47	51.03	50.04	50.18	1.58	ppb
Titanium	47-1	0.45	0.33	0.51	0.43	21.48	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	35.02	ppb
Vanadium	51-2	0.11	0.14	0.14	0.13	14.21	ppb
Yttrium	89-1				86		%
Yttrium	89-2				90		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3947-01	Instrumnet Name :	P7
Client Sample ID :	390712136.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:36:06	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	27933.54	28035.23	27388.65	27785.80	1.25	ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	26.06	ppb
Zirconium	91-1	0.06	0.05	0.03	0.05	31.53	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3948-01	Instrumnet Name :	P7
Client Sample ID :	390712135.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:39:43	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.42	10.09	5.10	6.54	47.43	ppb
Antimony	121-1	0.48	0.68	0.73	0.63	20.61	ppb
Arsenic	75-1	0.20	0.29	0.18	0.22	26.10	ppb
Barium	135-1	24.69	22.54	24.15	23.79	4.71	ppb
Barium	137-1	23.43	22.47	22.60	22.83	2.28	ppb
Beryllium	9-1	0.04	0.01	0.02	0.03	54.78	ppb
Bismuth	209-1				96		%
Bismuth	209-2				90		%
Boron	10-1	25.87	25.45	24.47	25.26	2.83	ppb
Boron	11-1	24.61	23.90	24.94	24.48	2.18	ppb
Cadmium	111-1	0.41	0.23	0.17	0.27	46.30	ppb
Cadmium	106-1	0.83	0.97	0.79	0.86	10.88	ppb
Cadmium	108-1	0.32	0.87	0.31	0.50	64.39	ppb
Calcium	43-1	21240.76	21076.16	21108.77	21141.90	0.41	ppb
Calcium	44-1	20894.71	21165.96	21629.51	21230.06	1.75	ppb
Chromium	52-2	0.16	0.09	0.12	0.13	26.39	ppb
Cobalt	59-2	0.22	0.13	0.28	0.21	35.42	ppb
Copper	63-2	391.97	387.33	380.81	386.70	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				92		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	3.28	3.57	3.53	3.46	4.56	ppb
Iron	57-2	93.22	90.34	85.37	89.65	4.43	ppb
Krypton	83-1						cps
Lead	206-1	3.08	3.22	3.26	3.19	2.94	ppb
Lead	207-1	2.96	2.87	3.01	2.95	2.53	ppb
Lead	208-1	3.04	3.12	3.08	3.08	1.19	ppb
Lithium	6-1				92		%
Magnesium	24-2	7063.68	7137.32	7018.89	7073.30	0.85	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3948-01	Instrumnet Name :	P7
Client Sample ID :	390712135.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:39:43	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.88	0.99	0.83	0.90	8.85	ppb
Molybdenum	94-1	0.21	0.24	0.08	0.18	46.03	ppb
Molybdenum	95-1	0.29	0.32	0.20	0.27	24.19	ppb
Molybdenum	96-1	0.29	0.33	0.32	0.31	7.22	ppb
Molybdenum	97-1	0.29	0.45	0.28	0.34	28.37	ppb
Molybdenum	98-1	0.29	0.29	0.33	0.31	6.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.93	500.63	507.48	504.35	0.69	ppb
Phosphorus	31-2	386.11	390.50	386.59	387.73	0.62	ppb
Potassium	39-2	1335.62	1353.80	1324.05	1337.82	1.12	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.19	0.18	-1.40	-0.47		ppb
Selenium	82-1	0.51	1.34	1.85	1.23	54.86	ppb
Silicon	28-1	3386.87	3438.50	3471.96	3432.44	1.25	ppb
Silver	109-1	0.01	0.02	0.00	0.01	75.31	ppb
Silver	107-1	0.02	0.02	0.01	0.02	41.15	ppb
Sodium	23-2	46335.12	46484.74	45671.13	46163.66	0.94	ppb
Strontium	86-1	82.87	83.16	83.44	83.16	0.34	ppb
Strontium	88-1	85.05	83.65	81.94	83.55	1.86	ppb
Sulfur	34-1	2794.09	2945.95	2938.65	2892.90	2.96	ppb
Terbium	159-1				90		%
Terbium	159-2				92		%
Thallium	203-1	0.06	0.03	-0.01	0.02	154.32	ppb
Thallium	205-1	0.03	0.02	0.05	0.03	39.27	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	146.93	ppb
Tin	118-1	8.51	7.81	8.16	8.16	4.27	ppb
Titanium	47-1	0.53	0.51	0.54	0.53	2.95	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	42.62	ppb
Vanadium	51-2	0.11	0.12	0.04	0.09	47.73	ppb
Yttrium	89-1				87		%
Yttrium	89-2				91		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3948-01	Instrumnet Name :	P7
Client Sample ID :	390712135.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:39:43	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3026.10	3053.75	3016.56	3032.14	0.64	ppb
Zirconium	90-1	-0.01	0.00	0.02	0.00	298.01	ppb
Zirconium	91-1	0.03	0.05	0.05	0.04	19.33	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3949-01	Instrumnet Name :	P7
Client Sample ID :	390712131.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:43:19	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.36	9.59	8.07	8.34	13.61	ppb
Antimony	121-1	0.26	0.34	0.31	0.31	13.46	ppb
Arsenic	75-1	0.50	0.19	0.29	0.33	47.89	ppb
Barium	135-1	26.11	24.55	22.57	24.41	7.26	ppb
Barium	137-1	25.79	23.84	24.71	24.78	3.94	ppb
Beryllium	9-1	0.01	0.04	0.03	0.02	61.44	ppb
Bismuth	209-1				96		%
Bismuth	209-2				90		%
Boron	10-1	21.95	20.55	21.13	21.21	3.32	ppb
Boron	11-1	20.46	22.78	22.41	21.88	5.68	ppb
Cadmium	111-1	0.12	-0.04	0.14	0.08	127.63	ppb
Cadmium	106-1	0.51	-0.67	0.95	0.26	318.81	ppb
Cadmium	108-1	2.31	1.41	1.43	1.72	30.11	ppb
Calcium	43-1	21533.15	21406.64	21593.41	21511.07	0.44	ppb
Calcium	44-1	21284.91	21415.90	21934.23	21545.01	1.59	ppb
Chromium	52-2	0.03	0.06	0.08	0.06	37.12	ppb
Cobalt	59-2	0.32	0.40	0.46	0.39	18.30	ppb
Copper	63-2	195.71	197.64	196.10	196.48	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	12.39	12.71	12.11	12.40	2.40	ppb
Iron	57-2	95.40	106.68	115.85	105.98	9.66	ppb
Krypton	83-1						cps
Lead	206-1	1.07	1.12	1.10	1.10	2.08	ppb
Lead	207-1	0.99	0.96	0.99	0.98	2.10	ppb
Lead	208-1	1.00	1.00	0.98	0.99	1.30	ppb
Lithium	6-1				93		%
Magnesium	24-2	7216.16	7315.78	7224.62	7252.19	0.76	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3949-01	Instrumnet Name :	P7
Client Sample ID :	390712131.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:43:19	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.31	1.46	1.18	1.32	10.50	ppb
Molybdenum	94-1	0.23	0.20	0.08	0.17	45.17	ppb
Molybdenum	95-1	0.33	0.27	0.33	0.31	11.01	ppb
Molybdenum	96-1	0.26	0.28	0.30	0.28	7.80	ppb
Molybdenum	97-1	0.24	0.19	0.39	0.27	37.87	ppb
Molybdenum	98-1	0.41	0.39	0.38	0.39	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1913.36	1923.72	1917.20	1918.09	0.27	ppb
Phosphorus	31-2	664.71	675.10	726.71	688.84	4.82	ppb
Potassium	39-2	1387.28	1384.92	1395.74	1389.31	0.41	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.16	0.49	-0.24	0.14	266.49	ppb
Selenium	82-1	0.81	1.53	0.39	0.91	63.56	ppb
Silicon	28-1	3410.37	3471.68	3507.10	3463.05	1.41	ppb
Silver	109-1	0.03	0.03	0.04	0.03	12.41	ppb
Silver	107-1	0.01	0.03	0.04	0.03	61.73	ppb
Sodium	23-2	45746.68	45815.56	45649.31	45737.18	0.18	ppb
Strontium	86-1	84.37	80.59	83.80	82.92	2.46	ppb
Strontium	88-1	84.55	83.48	84.15	84.06	0.64	ppb
Sulfur	34-1	2867.61	3330.88	3257.77	3152.09	7.90	ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	0.02	0.00	0.02	0.02	77.29	ppb
Thallium	205-1	0.01	0.00	0.02	0.01	93.02	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	1181.34	ppb
Tin	118-1	0.41	0.29	0.27	0.32	23.56	ppb
Titanium	47-1	0.90	0.59	0.48	0.65	33.11	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	19.33	ppb
Vanadium	51-2	0.14	0.09	0.15	0.13	24.66	ppb
Yttrium	89-1				88		%
Yttrium	89-2				92		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3949-01	Instrumnet Name :	P7
Client Sample ID :	390712131.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:43:19	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4218.58	4247.61	4211.94	4226.04	0.45	ppb
Zirconium	90-1	0.01	-0.01	-0.01	0.00		ppb
Zirconium	91-1	0.03	0.05	-0.01	0.02	133.21	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3950-01	Instrumnet Name :	P7
Client Sample ID :	390712129.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:46:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.65	6.19	10.25	7.70	28.88	ppb
Antimony	121-1	0.67	0.63	0.52	0.60	12.53	ppb
Arsenic	75-1	0.57	0.56	0.61	0.58	4.55	ppb
Barium	135-1	22.91	23.16	20.82	22.30	5.76	ppb
Barium	137-1	22.52	22.30	22.38	22.40	0.48	ppb
Beryllium	9-1	0.00	0.00	-0.02	0.00		ppb
Bismuth	209-1				96		%
Bismuth	209-2				90		%
Boron	10-1	20.82	21.42	21.11	21.12	1.43	ppb
Boron	11-1	20.12	20.60	20.68	20.47	1.47	ppb
Cadmium	111-1	0.43	0.06	0.21	0.23	81.22	ppb
Cadmium	106-1	4.00	-0.68	1.44	1.58	148.08	ppb
Cadmium	108-1	0.68	0.49	0.68	0.62	17.50	ppb
Calcium	43-1	21974.77	21428.44	21715.39	21706.20	1.26	ppb
Calcium	44-1	21634.20	21670.40	21633.62	21646.07	0.10	ppb
Chromium	52-2	0.04	0.13	0.11	0.10	49.02	ppb
Cobalt	59-2	0.64	0.52	0.67	0.61	12.65	ppb
Copper	63-2	303.80	303.01	300.41	302.41	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				92		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	16.25	16.36	17.84	16.82	5.29	ppb
Iron	57-2	114.88	109.24	115.00	113.04	2.91	ppb
Krypton	83-1						cps
Lead	206-1	1.10	1.17	1.18	1.15	3.60	ppb
Lead	207-1	1.10	1.10	1.11	1.10	0.46	ppb
Lead	208-1	1.07	1.15	1.14	1.12	3.89	ppb
Lithium	6-1				93		%
Magnesium	24-2	7583.83	7562.65	7477.05	7541.18	0.75	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3950-01	Instrumnet Name :	P7
Client Sample ID :	390712129.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:46:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.45	27.45	28.71	28.20	2.37	ppb
Molybdenum	94-1	0.38	0.15	0.07	0.20	80.30	ppb
Molybdenum	95-1	0.36	0.25	0.38	0.33	21.15	ppb
Molybdenum	96-1	0.26	0.33	0.25	0.28	14.69	ppb
Molybdenum	97-1	0.30	0.15	0.27	0.24	31.89	ppb
Molybdenum	98-1	0.36	0.29	0.29	0.31	13.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	700.96	691.81	702.01	698.26	0.80	ppb
Phosphorus	31-2	722.19	672.86	799.71	731.58	8.74	ppb
Potassium	39-2	1412.44	1418.40	1384.33	1405.06	1.29	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.96	0.13	-1.02	0.02	4566.32	ppb
Selenium	82-1	0.83	0.38	1.04	0.75	45.18	ppb
Silicon	28-1	3701.52	3726.85	3761.57	3729.98	0.81	ppb
Silver	109-1	0.02	0.04	0.03	0.03	35.05	ppb
Silver	107-1	0.00	0.03	0.04	0.02	99.85	ppb
Sodium	23-2	46653.58	46310.16	46218.10	46393.94	0.49	ppb
Strontium	86-1	84.61	82.85	84.84	84.10	1.29	ppb
Strontium	88-1	86.84	84.18	83.87	84.97	1.92	ppb
Sulfur	34-1	2873.96	2951.76	2963.96	2929.89	1.67	ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	0.03	0.03	-0.01	0.02	168.05	ppb
Thallium	205-1	0.02	0.02	0.00	0.01	84.58	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	67.10	ppb
Tin	118-1	0.60	0.54	0.39	0.51	21.25	ppb
Titanium	47-1	0.69	0.53	0.53	0.59	15.94	ppb
Uranium	238-1	0.01	0.02	0.01	0.02	52.72	ppb
Vanadium	51-2	0.19	0.21	0.20	0.20	4.67	ppb
Yttrium	89-1				88		%
Yttrium	89-2				92		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3950-01	Instrumnet Name :	P7
Client Sample ID :	390712129.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:46:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2236.34	2231.11	2233.47	2233.64	0.12	ppb
Zirconium	90-1	0.03	0.00	0.00	0.01	205.56	ppb
Zirconium	91-1	0.00	0.08	0.02	0.03	117.01	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : K3951-01 Instrumnet Name : P7
 Client Sample ID : 390712128.0 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 19:50:33 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.92	7.36	10.26	8.51	18.11	ppb
Antimony	121-1	6.36	5.98	5.83	6.06	4.54	ppb
Arsenic	75-1	0.51	0.94	0.83	0.76	28.92	ppb
Barium	135-1	24.76	24.43	23.08	24.09	3.69	ppb
Barium	137-1	23.44	24.63	23.78	23.95	2.56	ppb
Beryllium	9-1	0.03	0.02	0.00	0.01	84.73	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	22.14	22.08	21.99	22.07	0.36	ppb
Boron	11-1	22.80	22.59	24.17	23.19	3.70	ppb
Cadmium	111-1	0.49	0.18	0.27	0.31	52.06	ppb
Cadmium	106-1	6.37	1.87	2.72	3.65	65.57	ppb
Cadmium	108-1	3.26	2.89	2.68	2.94	10.09	ppb
Calcium	43-1	27209.54	26931.75	27387.95	27176.41	0.85	ppb
Calcium	44-1	26939.32	27434.78	27361.37	27245.16	0.98	ppb
Chromium	52-2	0.32	0.44	0.30	0.35	21.10	ppb
Cobalt	59-2	5.08	5.33	5.25	5.22	2.38	ppb
Copper	63-2	350.33	353.44	357.31	353.69	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	56-2	34.30	36.86	36.70	35.96	3.99	ppb
Iron	57-2	137.77	161.14	148.14	149.02	7.86	ppb
Krypton	83-1						cps
Lead	206-1	21.47	21.44	21.50	21.47	0.15	ppb
Lead	207-1	19.83	20.89	19.54	20.09	3.52	ppb
Lead	208-1	20.62	20.99	21.01	20.87	1.05	ppb
Lithium	6-1				97		%
Magnesium	24-2	6417.37	6478.30	6474.41	6456.69	0.53	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3951-01	Instrumnet Name :	P7
Client Sample ID :	390712128.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:50:33	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.20	5.01	5.22	5.14	2.20	ppb
Molybdenum	94-1	0.09	0.06	0.09	0.08	27.13	ppb
Molybdenum	95-1	0.12	0.17	0.12	0.13	24.41	ppb
Molybdenum	96-1	0.09	0.19	0.16	0.15	34.98	ppb
Molybdenum	97-1	0.01	0.30	0.19	0.17	88.43	ppb
Molybdenum	98-1	0.71	0.63	0.70	0.68	5.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15146.04	15320.07	15210.50	15225.54	0.58	ppb
Phosphorus	31-2	433.67	430.03	424.98	429.56	1.02	ppb
Potassium	39-2	1370.87	1408.75	1392.55	1390.72	1.37	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	77-2	2.27	0.00	0.00	0.76	173.21	ppb
Selenium	78-2	-1.88	1.57	0.44	0.04	4023.10	ppb
Selenium	82-1	0.52	1.09	1.11	0.91	36.96	ppb
Silicon	28-1	2753.70	2797.11	2833.45	2794.76	1.43	ppb
Silver	109-1	0.02	0.00	0.01	0.01	75.70	ppb
Silver	107-1	0.00	0.02	0.00	0.01	182.86	ppb
Sodium	23-2	45906.31	46129.32	45930.54	45988.72	0.27	ppb
Strontium	86-1	102.57	101.86	106.42	103.62	2.37	ppb
Strontium	88-1	104.43	103.70	102.40	103.51	0.99	ppb
Sulfur	34-1	3894.77	3773.93	3669.35	3779.35	2.98	ppb
Terbium	159-1				91		%
Terbium	159-2				96		%
Thallium	203-1	0.09	0.02	0.07	0.06	61.68	ppb
Thallium	205-1	0.06	0.03	0.04	0.04	38.05	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	12.06	12.67	11.91	12.21	3.31	ppb
Titanium	47-1	0.71	0.46	0.23	0.47	51.00	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	50.40	ppb
Vanadium	51-2	0.09	0.07	0.06	0.07	17.61	ppb
Yttrium	89-1				89		%
Yttrium	89-2				95		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3951-01	Instrumnet Name :	P7
Client Sample ID :	390712128.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:50:33	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7282.36	7394.52	7368.81	7348.56	0.80	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	123.62	ppb
Zirconium	91-1	0.05	-0.01	-0.03	0.00	1187.07	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3953-01	Instrumnet Name :	P7
Client Sample ID :	390712126.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:54:09	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.45	2.03	1.63	2.37	40.50	ppb
Antimony	121-1	0.90	0.76	0.72	0.79	11.98	ppb
Arsenic	75-1	0.28	0.39	0.77	0.48	53.42	ppb
Barium	135-1	22.91	21.89	22.79	22.53	2.46	ppb
Barium	137-1	23.21	23.09	22.71	23.00	1.14	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	53.07	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	23.41	22.87	22.15	22.81	2.77	ppb
Boron	11-1	23.50	23.87	23.16	23.51	1.50	ppb
Cadmium	111-1	0.50	0.48	0.49	0.49	2.03	ppb
Cadmium	106-1	4.07	4.10	3.87	4.01	3.18	ppb
Cadmium	108-1	2.15	1.23	0.85	1.41	47.32	ppb
Calcium	43-1	19957.61	20106.26	20048.72	20037.53	0.37	ppb
Calcium	44-1	19752.51	20296.36	20177.27	20075.38	1.42	ppb
Chromium	52-2	0.12	0.05	0.03	0.07	70.24	ppb
Cobalt	59-2	6.30	6.83	6.46	6.53	4.15	ppb
Copper	63-2	263.55	270.51	263.09	265.72	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				91		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	3.40	3.02	3.33	3.25	6.33	ppb
Iron	57-2	83.50	92.08	92.96	89.51	5.83	ppb
Krypton	83-1						cps
Lead	206-1	2.89	2.81	2.71	2.80	3.13	ppb
Lead	207-1	2.56	2.78	2.58	2.64	4.50	ppb
Lead	208-1	2.75	2.82	2.63	2.73	3.67	ppb
Lithium	6-1				95		%
Magnesium	24-2	6562.82	6617.28	6668.95	6616.35	0.80	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3953-01	Instrumnet Name :	P7
Client Sample ID :	390712126.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:54:09	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.60	5.28	5.55	5.47	3.17	ppb
Molybdenum	94-1	0.15	0.30	0.16	0.20	41.05	ppb
Molybdenum	95-1	0.33	0.20	0.18	0.24	34.60	ppb
Molybdenum	96-1	0.19	0.30	0.38	0.29	33.48	ppb
Molybdenum	97-1	0.13	0.26	0.31	0.24	38.62	ppb
Molybdenum	98-1	0.43	0.63	0.56	0.54	18.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9228.05	9423.33	9216.10	9289.16	1.25	ppb
Phosphorus	31-2	385.16	474.66	403.54	421.12	11.22	ppb
Potassium	39-2	1208.62	1260.71	1230.22	1233.18	2.12	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.28	0.06	0.09	-0.04		ppb
Selenium	82-1	2.30	0.18	0.49	0.99	116.07	ppb
Silicon	28-1	2783.46	2832.79	2828.68	2814.98	0.97	ppb
Silver	109-1	0.02	0.00	0.00	0.01	148.24	ppb
Silver	107-1	0.01	0.02	0.00	0.01	85.77	ppb
Sodium	23-2	44617.33	45313.48	44355.54	44762.12	1.11	ppb
Strontium	86-1	76.79	77.35	76.10	76.75	0.82	ppb
Strontium	88-1	77.97	77.20	76.11	77.09	1.21	ppb
Sulfur	34-1	3502.42	3633.35	3225.09	3453.62	6.04	ppb
Terbium	159-1				91		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.00	-0.02	-0.01		ppb
Thallium	205-1	0.00	0.02	0.01	0.01	124.92	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.08	0.05	0.07	0.07	20.43	ppb
Titanium	47-1	0.68	0.56	0.49	0.58	16.85	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	69.54	ppb
Vanadium	51-2	0.12	0.10	0.11	0.11	9.03	ppb
Yttrium	89-1				89		%
Yttrium	89-2				94		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3953-01	Instrumnet Name :	P7
Client Sample ID :	390712126.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:54:09	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4334.54	4411.79	4383.04	4376.46	0.89	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.03	0.02	0.01	172.71	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:57:44	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57082.43	56959.78	57139.31	57060.51	0.16	ppb
Antimony	121-1	544.09	540.00	538.53	540.87	0.53	ppb
Arsenic	75-1	552.77	539.03	525.23	539.01	2.55	ppb
Barium	135-1	2570.09	2562.80	2571.17	2568.02	0.18	ppb
Barium	137-1	2580.56	2600.58	2603.53	2594.89	0.48	ppb
Beryllium	9-1	516.21	517.35	514.47	516.01	0.28	ppb
Bismuth	209-1				85		%
Bismuth	209-2				82		%
Boron	10-1	511.24	502.90	508.50	507.55	0.84	ppb
Boron	11-1	506.40	513.55	508.00	509.32	0.74	ppb
Cadmium	111-1	534.35	533.84	525.65	531.28	0.92	ppb
Cadmium	106-1	522.84	533.70	517.11	524.55	1.61	ppb
Cadmium	108-1	563.66	541.88	533.14	546.23	2.88	ppb
Calcium	43-1	262856.73	264794.68	265976.25	264542.55	0.60	ppb
Calcium	44-1	261107.52	263203.04	264849.19	263053.25	0.71	ppb
Chromium	52-2	509.76	516.02	509.43	511.74	0.73	ppb
Cobalt	59-2	502.59	505.97	506.84	505.13	0.44	ppb
Copper	63-2	1004.10	1013.49	1014.04	1010.54	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				92		%
Indium	115-1				84		%
Indium	115-2				85		%
Iron	56-2	131032.86	129621.43	128925.89	129860.06	0.83	ppb
Iron	57-2	132756.52	132955.69	133330.29	133014.17	0.22	ppb
Krypton	83-1						cps
Lead	206-1	520.39	525.83	528.57	524.93	0.79	ppb
Lead	207-1	520.63	525.69	528.03	524.79	0.72	ppb
Lead	208-1	526.87	535.81	537.57	533.42	1.08	ppb
Lithium	6-1				88		%
Magnesium	24-2	256589.90	255274.25	254577.97	255480.71	0.40	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:57:44	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1017.66	1017.71	1023.10	1019.49	0.31	ppb
Molybdenum	94-1	2595.30	2609.18	2583.30	2595.93	0.50	ppb
Molybdenum	95-1	2618.69	2607.58	2580.29	2602.19	0.76	ppb
Molybdenum	96-1	2595.37	2592.48	2594.74	2594.20	0.06	ppb
Molybdenum	97-1	2544.33	2551.98	2511.79	2536.03	0.84	ppb
Molybdenum	98-1	2578.41	2600.09	2577.45	2585.31	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.50	499.21	493.18	496.96	0.66	ppb
Phosphorus	31-2	10338.37	10193.60	10352.05	10294.67	0.85	ppb
Potassium	39-2	129082.69	127465.78	127570.86	128039.78	0.71	ppb
Rhodium	103-1				78		%
Rhodium	103-2				81		%
Scandium	45-1				83		%
Scandium	45-2				87		%
Selenium	77-2	497.84	499.28	525.16	507.43	3.03	ppb
Selenium	78-2	533.39	507.49	501.92	514.27	3.27	ppb
Selenium	82-1	494.17	495.91	513.98	501.35	2.19	ppb
Silicon	28-1	569.46	579.79	597.94	582.39	2.48	ppb
Silver	109-1	534.29	538.63	533.88	535.60	0.49	ppb
Silver	107-1	534.38	534.79	533.99	534.39	0.08	ppb
Sodium	23-2	258625.85	256709.03	256737.47	257357.45	0.43	ppb
Strontium	86-1	521.42	515.78	506.27	514.49	1.49	ppb
Strontium	88-1	526.66	531.33	525.50	527.83	0.58	ppb
Sulfur	34-1	11177.09	11001.89	10988.49	11055.82	0.95	ppb
Terbium	159-1				87		%
Terbium	159-2				92		%
Thallium	203-1	525.67	534.19	535.52	531.79	1.01	ppb
Thallium	205-1	534.35	549.23	552.97	545.52	1.81	ppb
Thorium	232-1	544.68	555.82	559.56	553.35	1.40	ppb
Tin	118-1	497.87	501.07	500.11	499.68	0.33	ppb
Titanium	47-1	2645.30	2628.80	2640.57	2638.22	0.32	ppb
Uranium	238-1	540.13	557.50	558.07	551.90	1.85	ppb
Vanadium	51-2	515.13	516.16	512.20	514.50	0.40	ppb
Yttrium	89-1				82		%
Yttrium	89-2				90		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:57:44	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1019.68	1030.63	1050.21	1033.51	1.50	ppb
Zirconium	90-1	519.34	524.08	522.42	521.95	0.46	ppb
Zirconium	91-1	513.21	512.69	499.83	508.58	1.49	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : CCB52 Instrumnet Name : P7
 Client Sample ID : CCB52 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 20:01:22 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.86	2.90	1.70	2.49	27.43	ppb
Antimony	121-1	0.53	0.61	0.49	0.54	10.42	ppb
Arsenic	75-1	0.07	-0.10	-0.06	-0.03		ppb
Barium	135-1	0.17	0.28	0.19	0.22	28.28	ppb
Barium	137-1	0.21	0.31	0.10	0.21	49.72	ppb
Beryllium	9-1	0.11	0.10	0.09	0.10	6.31	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	21.34	19.14	16.61	19.03	12.45	ppb
Boron	11-1	22.68	20.44	18.16	20.43	11.07	ppb
Cadmium	111-1	0.15	0.20	0.23	0.19	19.60	ppb
Cadmium	106-1	1.51	1.47	1.89	1.62	14.21	ppb
Cadmium	108-1	-0.06	0.13	-0.06	0.01	1487.06	ppb
Calcium	43-1	9.81	14.10	15.44	13.12	22.41	ppb
Calcium	44-1	24.61	23.47	20.51	22.86	9.27	ppb
Chromium	52-2	0.12	0.01	0.03	0.05	116.06	ppb
Cobalt	59-2	0.05	0.02	0.03	0.03	48.86	ppb
Copper	63-2	0.12	0.17	0.15	0.15	17.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	56-2	8.89	7.82	6.34	7.68	16.65	ppb
Iron	57-2	4.04	7.12	2.78	4.65	48.07	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.05	0.03	0.05	55.66	ppb
Lead	207-1	0.01	0.02	0.00	0.01	112.62	ppb
Lead	208-1	0.05	0.04	0.02	0.03	48.62	ppb
Lithium	6-1				92		%
Magnesium	24-2	12.66	13.78	8.01	11.48	26.63	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:01:22	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	0.04	0.04	0.05	56.92	ppb
Molybdenum	94-1	0.54	0.50	0.26	0.44	34.35	ppb
Molybdenum	95-1	0.44	0.45	0.45	0.45	1.32	ppb
Molybdenum	96-1	0.51	0.45	0.42	0.46	10.17	ppb
Molybdenum	97-1	0.48	0.57	0.39	0.48	17.85	ppb
Molybdenum	98-1	0.44	0.42	0.44	0.43	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.03	0.03	0.04	34.59	ppb
Phosphorus	31-2	-16.38	-16.10	-3.48	-11.99		ppb
Potassium	39-2	30.79	33.04	30.85	31.56	4.07	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.20	0.21	-1.81	-0.47		ppb
Selenium	82-1	1.33	1.65	1.31	1.43	13.59	ppb
Silicon	28-1	17.67	16.08	13.99	15.91	11.61	ppb
Silver	109-1	0.07	0.04	0.06	0.05	25.99	ppb
Silver	107-1	0.07	0.06	0.06	0.06	11.12	ppb
Sodium	23-2	56.21	54.42	53.68	54.77	2.37	ppb
Strontium	86-1	0.10	0.14	0.01	0.08	77.78	ppb
Strontium	88-1	0.05	0.04	0.03	0.04	23.97	ppb
Sulfur	34-1	102.54	89.24	105.53	99.10	8.75	ppb
Terbium	159-1				88		%
Terbium	159-2				91		%
Thallium	203-1	0.18	0.08	0.11	0.12	39.98	ppb
Thallium	205-1	0.14	0.08	0.10	0.11	28.40	ppb
Thorium	232-1	0.10	0.09	0.08	0.09	8.29	ppb
Tin	118-1	0.07	0.08	0.21	0.12	62.81	ppb
Titanium	47-1	0.39	0.27	0.24	0.30	25.25	ppb
Uranium	238-1	0.04	0.05	0.03	0.04	24.41	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	35.40	ppb
Yttrium	89-1				86		%
Yttrium	89-2				91		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:01:22	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.07	0.23	0.17	0.16	50.10	ppb
Zirconium	90-1	0.08	0.04	0.06	0.06	31.32	ppb
Zirconium	91-1	0.13	0.08	0.09	0.10	24.19	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3954-01	Instrumnet Name :	P7
Client Sample ID :	390712127.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:04:58	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.44	10.30	6.12	9.62	33.40	ppb
Antimony	121-1	96.44	95.10	92.13	94.56	2.33	ppb
Arsenic	75-1	0.61	0.99	0.54	0.71	33.90	ppb
Barium	135-1	20.63	19.39	21.46	20.49	5.08	ppb
Barium	137-1	20.82	21.49	20.97	21.09	1.66	ppb
Beryllium	9-1	0.02	-0.02	0.01	0.00	953.40	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	114.78	116.07	116.10	115.65	0.65	ppb
Boron	11-1	114.22	118.74	115.49	116.15	2.01	ppb
Cadmium	111-1	0.50	0.53	0.67	0.57	15.84	ppb
Cadmium	106-1	2.73	2.96	6.13	3.94	48.21	ppb
Cadmium	108-1	2.40	1.83	2.38	2.20	14.65	ppb
Calcium	43-1	21763.01	22043.40	21735.86	21847.43	0.78	ppb
Calcium	44-1	21900.69	21917.12	21954.19	21924.00	0.13	ppb
Chromium	52-2	0.85	0.82	0.67	0.78	12.04	ppb
Cobalt	59-2	7.65	7.78	7.49	7.64	1.91	ppb
Copper	63-2	633.11	647.73	640.88	640.57	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				92		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	43.16	43.66	44.56	43.80	1.62	ppb
Iron	57-2	145.73	143.54	133.48	140.92	4.64	ppb
Krypton	83-1						cps
Lead	206-1	12.29	12.10	12.03	12.14	1.12	ppb
Lead	207-1	11.19	11.40	11.33	11.31	0.96	ppb
Lead	208-1	11.67	11.79	11.32	11.59	2.11	ppb
Lithium	6-1				127		%
Magnesium	24-2	7416.35	7588.14	7463.32	7489.27	1.19	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3954-01	Instrumnet Name :	P7
Client Sample ID :	390712127.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:04:58	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	33.57	34.91	34.01	34.16	2.00	ppb
Molybdenum	94-1	0.20	0.18	0.33	0.24	34.48	ppb
Molybdenum	95-1	0.23	0.33	0.33	0.30	19.08	ppb
Molybdenum	96-1	0.37	0.26	0.26	0.29	22.40	ppb
Molybdenum	97-1	0.20	0.23	0.23	0.22	9.29	ppb
Molybdenum	98-1	0.85	0.83	0.80	0.83	3.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14673.15	14786.53	14657.03	14705.57	0.48	ppb
Phosphorus	31-2	497.33	666.12	620.35	594.60	14.68	ppb
Potassium	39-2	1604.56	1665.53	1656.93	1642.34	2.01	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	77-2	0.00	2.35	0.00	0.78	173.21	ppb
Selenium	78-2	-1.80	0.91	-0.29	-0.39		ppb
Selenium	82-1	1.17	1.01	1.27	1.15	11.15	ppb
Silicon	28-1	3291.50	3347.92	3393.31	3344.25	1.53	ppb
Silver	109-1	0.01	0.02	0.03	0.02	49.67	ppb
Silver	107-1	0.04	0.01	0.01	0.02	91.39	ppb
Sodium	23-2	53216.55	53788.34	53360.25	53455.05	0.56	ppb
Strontium	86-1	81.34	78.01	81.74	80.36	2.55	ppb
Strontium	88-1	82.68	82.04	80.53	81.75	1.35	ppb
Sulfur	34-1	5269.17	5142.77	5411.49	5274.48	2.55	ppb
Terbium	159-1				89		%
Terbium	159-2				92		%
Thallium	203-1	0.18	0.18	0.11	0.16	24.15	ppb
Thallium	205-1	0.11	0.12	0.10	0.11	6.43	ppb
Thorium	232-1	0.01	0.03	0.02	0.02	37.38	ppb
Tin	118-1	277.51	272.34	269.10	272.98	1.55	ppb
Titanium	47-1	0.77	1.51	1.61	1.30	35.38	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	124.15	ppb
Vanadium	51-2	0.07	0.09	0.03	0.06	45.18	ppb
Yttrium	89-1				86		%
Yttrium	89-2				92		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3954-01	Instrumnet Name :	P7
Client Sample ID :	390712127.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:04:58	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6849.25	6947.01	6866.39	6887.55	0.76	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	10.01	ppb
Zirconium	91-1	0.00	0.06	0.05	0.04	79.64	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:08:33	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57038.45	56476.39	57307.04	56940.63	0.74	ppb
Antimony	121-1	559.34	557.70	556.28	557.78	0.27	ppb
Arsenic	75-1	552.92	539.49	544.82	545.74	1.24	ppb
Barium	135-1	2591.65	2571.73	2571.40	2578.26	0.45	ppb
Barium	137-1	2606.05	2614.37	2601.27	2607.23	0.25	ppb
Beryllium	9-1	521.28	522.59	520.33	521.40	0.22	ppb
Bismuth	209-1				86		%
Bismuth	209-2				83		%
Boron	10-1	510.90	518.46	531.72	520.36	2.03	ppb
Boron	11-1	508.28	521.48	525.55	518.44	1.74	ppb
Cadmium	111-1	570.25	572.48	563.28	568.67	0.84	ppb
Cadmium	106-1	562.73	561.92	563.99	562.88	0.19	ppb
Cadmium	108-1	566.46	569.44	563.60	566.50	0.52	ppb
Calcium	43-1	266786.50	266386.87	264370.96	265848.11	0.49	ppb
Calcium	44-1	266686.16	264616.53	264007.32	265103.34	0.53	ppb
Chromium	52-2	503.26	507.66	511.77	507.56	0.84	ppb
Cobalt	59-2	499.06	497.83	506.71	501.20	0.96	ppb
Copper	63-2	996.68	1000.66	1019.17	1005.50	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				94		%
Indium	115-1				85		%
Indium	115-2				87		%
Iron	56-2	130195.13	128602.06	128999.33	129265.51	0.64	ppb
Iron	57-2	132221.59	131868.73	132861.57	132317.29	0.38	ppb
Krypton	83-1						cps
Lead	206-1	534.26	532.79	530.26	532.43	0.38	ppb
Lead	207-1	531.18	534.91	531.63	532.57	0.38	ppb
Lead	208-1	537.17	541.90	541.67	540.24	0.49	ppb
Lithium	6-1				90		%
Magnesium	24-2	257668.63	254116.71	254836.29	255540.54	0.73	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:08:33	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1002.64	1009.35	1019.87	1010.62	0.86	ppb
Molybdenum	94-1	2622.60	2622.76	2623.38	2622.91	0.02	ppb
Molybdenum	95-1	2622.96	2611.51	2604.72	2613.06	0.35	ppb
Molybdenum	96-1	2616.90	2621.96	2618.32	2619.06	0.10	ppb
Molybdenum	97-1	2602.05	2535.93	2538.90	2558.96	1.46	ppb
Molybdenum	98-1	2604.30	2595.38	2612.18	2603.95	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.31	492.20	493.43	492.31	0.22	ppb
Phosphorus	31-2	10346.76	10044.52	10495.43	10295.57	2.23	ppb
Potassium	39-2	127886.20	126000.36	127755.02	127213.86	0.83	ppb
Rhodium	103-1				80		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				89		%
Selenium	77-2	545.94	507.14	519.50	524.19	3.78	ppb
Selenium	78-2	516.84	496.45	513.46	508.91	2.15	ppb
Selenium	82-1	515.40	510.19	507.64	511.08	0.77	ppb
Silicon	28-1	645.04	653.78	661.40	653.41	1.25	ppb
Silver	109-1	556.60	552.32	549.07	552.66	0.68	ppb
Silver	107-1	549.13	555.79	548.98	551.30	0.71	ppb
Sodium	23-2	259407.96	256136.83	255472.70	257005.83	0.82	ppb
Strontium	86-1	536.49	527.64	526.51	530.22	1.03	ppb
Strontium	88-1	541.13	540.00	541.15	540.76	0.12	ppb
Sulfur	34-1	11098.95	11117.38	10650.05	10955.46	2.42	ppb
Terbium	159-1				88		%
Terbium	159-2				93		%
Thallium	203-1	530.08	534.37	533.53	532.66	0.43	ppb
Thallium	205-1	547.93	555.69	553.76	552.46	0.73	ppb
Thorium	232-1	549.44	552.69	557.22	553.12	0.71	ppb
Tin	118-1	504.65	500.85	504.64	503.38	0.43	ppb
Titanium	47-1	2656.11	2635.76	2612.61	2634.83	0.83	ppb
Uranium	238-1	546.22	553.13	557.85	552.40	1.06	ppb
Vanadium	51-2	509.90	512.85	514.78	512.51	0.48	ppb
Yttrium	89-1				83		%
Yttrium	89-2				91		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:08:33	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1000.62	980.59	999.95	993.72	1.14	ppb
Zirconium	90-1	529.17	526.69	527.53	527.79	0.24	ppb
Zirconium	91-1	516.53	511.65	513.21	513.80	0.49	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : CCB53 Instrumnet Name : P7
 Client Sample ID : CCB53 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 20:12:11 DataFile Name : 044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.56	1.27	0.90	1.91	75.49	ppb
Antimony	121-1	0.66	0.45	0.44	0.52	23.92	ppb
Arsenic	75-1	0.22	-0.35	0.05	-0.03		ppb
Barium	135-1	0.11	0.14	0.22	0.15	38.43	ppb
Barium	137-1	0.19	0.17	0.15	0.17	9.95	ppb
Beryllium	9-1	0.12	0.06	0.08	0.08	33.10	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	21.34	21.35	19.67	20.79	4.67	ppb
Boron	11-1	22.10	20.81	18.57	20.49	8.70	ppb
Cadmium	111-1	0.25	0.19	0.09	0.18	47.44	ppb
Cadmium	106-1	1.96	0.59	0.19	0.91	101.26	ppb
Cadmium	108-1	0.31	-0.06	-0.06	0.07	315.89	ppb
Calcium	43-1	18.60	12.34	-1.10	9.95	101.19	ppb
Calcium	44-1	22.28	20.17	15.14	19.20	19.10	ppb
Chromium	52-2	-0.04	-0.09	0.04	-0.03		ppb
Cobalt	59-2	0.02	0.00	0.00	0.01	154.98	ppb
Copper	63-2	0.14	0.10	0.09	0.11	25.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	4.86	3.68	2.57	3.70	30.83	ppb
Iron	57-2	2.74	4.82	2.50	3.35	38.17	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.07	-0.01	0.04	104.48	ppb
Lead	207-1	0.07	0.00	-0.02	0.02	271.38	ppb
Lead	208-1	0.04	0.03	0.01	0.03	59.49	ppb
Lithium	6-1				94		%
Magnesium	24-2	10.05	6.21	4.61	6.95	40.23	ppb

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:12:11	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.03	0.03	0.02	71.82	ppb
Molybdenum	94-1	0.41	0.42	0.41	0.41	0.45	ppb
Molybdenum	95-1	0.54	0.49	0.41	0.48	13.92	ppb
Molybdenum	96-1	0.61	0.42	0.46	0.49	20.13	ppb
Molybdenum	97-1	0.52	0.27	0.39	0.39	32.13	ppb
Molybdenum	98-1	0.62	0.43	0.45	0.50	20.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.05	0.08	0.07	32.97	ppb
Phosphorus	31-2	-29.89	-30.19	14.23	-15.28		ppb
Potassium	39-2	23.35	29.52	23.53	25.47	13.78	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.15	1.26	-0.68	0.24	399.34	ppb
Selenium	82-1	1.29	1.36	-0.17	0.83	104.94	ppb
Silicon	28-1	33.47	29.43	26.33	29.75	12.04	ppb
Silver	109-1	0.10	0.05	0.02	0.05	75.72	ppb
Silver	107-1	0.04	0.07	0.06	0.06	35.21	ppb
Sodium	23-2	48.40	50.48	46.23	48.37	4.39	ppb
Strontium	86-1	0.10	0.10	-0.01	0.06	95.67	ppb
Strontium	88-1	0.03	0.05	0.02	0.03	43.44	ppb
Sulfur	34-1	-542.11	-376.12	-686.85	-535.03		ppb
Terbium	159-1				90		%
Terbium	159-2				93		%
Thallium	203-1	0.14	0.10	0.18	0.14	27.80	ppb
Thallium	205-1	0.12	0.13	0.09	0.12	15.97	ppb
Thorium	232-1	0.11	0.10	0.11	0.11	4.16	ppb
Tin	118-1	0.12	0.14	0.16	0.14	16.42	ppb
Titanium	47-1	0.29	0.03	0.03	0.12	124.69	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	19.55	ppb
Vanadium	51-2	0.03	0.00	0.02	0.01	103.45	ppb
Yttrium	89-1				87		%
Yttrium	89-2				93		%

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:12:11	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.11	0.29	0.15	0.18	51.67	ppb
Zirconium	90-1	0.08	0.05	0.07	0.07	24.03	ppb
Zirconium	91-1	0.05	0.08	0.08	0.07	25.45	ppb

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 17:37:12 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	25	14	91.65	cps
Antimony	121-1	17	8	8	11	43.34	cps
Arsenic	75-1	-112	-60	-86	-86	-30.33	cps
Barium	135-1	8	0	0	3	173.21	cps
Barium	137-1	0	25	0	8	173.21	cps
Beryllium	9-1	23	30	37	30	22.23	cps
Bismuth	209-1	799006	790758	789979	793248	0.63	cps
Bismuth	209-2	498851	509394	523374	510539	2.41	cps
Boron	10-1	225	242	175	214	16.22	cps
Boron	11-1	883	792	833	836	5.49	cps
Cadmium	111-1	261	289	309	286	8.48	cps
Cadmium	106-1	367	417	442	408	9.35	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	92	75	25	64	54.31	cps
Calcium	44-1	2642	2825	2750	2739	3.37	cps
Chromium	52-2	173	213	170	186	13.00	cps
Cobalt	59-2	3	7	10	7	50.03	cps
Copper	63-2	50	53	47	50	6.66	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	0	8	3	173.21	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	0	0	0	0	0.00	cps
Gadolinium	160-2	27	27	23	26	7.55	cps
Holmium	165-1	1429347	1431765	1435755	1432289	0.23	cps
Holmium	165-2	765638	772524	786137	774766	1.35	cps
Indium	115-1	995287	1053048	987799	1012045	3.53	cps
Indium	115-2	215231	216127	223005	218121	1.95	cps
Iron	56-2	1045	961	1000	1002	4.16	cps
Iron	57-2	56	50	67	57	14.78	cps
Krypton	83-1	57	50	63	57	11.76	cps
Lead	206-1	44	28	50	41	28.38	cps
Lead	207-1	28	56	44	43	32.83	cps
Lead	208-1	189	194	156	180	11.71	cps
Lithium	6-1	879550	875020	878535	877702	0.27	cps
Magnesium	24-2	58	8	50	39	68.89	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:37:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3	3	0	2	86.60	cps
Molybdenum	94-1	50	50	67	56	17.32	cps
Molybdenum	95-1	25	17	25	22	21.64	cps
Molybdenum	96-1	8	17	25	17	50.01	cps
Molybdenum	97-1	17	8	17	14	34.67	cps
Molybdenum	98-1	17	17	0	11	86.60	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	10	7	13	10	33.30	cps
Phosphorus	31-2	50	33	33	39	24.75	cps
Potassium	39-2	4392	4117	4142	4217	3.61	cps
Rhodium	103-1	1006193	1018819	1017198	1014070	0.68	cps
Rhodium	103-2	490793	499021	516786	502200	2.65	cps
Scandium	45-1	1284047	1287369	1275703	1282373	0.47	cps
Scandium	45-2	58847	60386	60459	59897	1.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	15	13	17	34.45	cps
Selenium	82-1	24	19	18	20	14.25	cps
Silicon	28-1	57344	55680	55655	56226	1.72	cps
Silver	109-1	0	8	0	3	173.21	cps
Silver	107-1	33	8	0	14	124.91	cps
Sodium	23-2	2584	2800	2567	2650	4.91	cps
Strontium	86-1	92	58	33	61	47.89	cps
Strontium	88-1	58	42	25	42	40.00	cps
Sulfur	34-1	111859	113126	111716	112234	0.69	cps
Terbium	159-1	1483886	1495776	1508182	1495948	0.81	cps
Terbium	159-2	754715	767302	788895	770304	2.24	cps
Thallium	203-1	75	33	17	42	72.11	cps
Thallium	205-1	125	83	133	114	23.52	cps
Thorium	232-1	17	33	17	22	43.28	cps
Tin	118-1	50	42	25	39	32.73	cps
Titanium	47-1	25	33	50	36	35.25	cps
Uranium	238-1	17	0	0	6	173.21	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Yttrium	89-1	1524286	1530214	1543303	1532601	0.63	cps
Yttrium	89-2	216617	219280	225254	220383	2.01	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:37:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17	50	30	32	52.06	cps
Zirconium	90-1	125	100	117	114	11.18	cps
Zirconium	91-1	33	0	17	17	99.99	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : S1 Instrumnet Name : P7
 Client Sample ID : S1 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 17:40:48 DataFile Name : 004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	75	92	64	54.31	cps
Antimony	121-1	217	242	217	225	6.41	cps
Arsenic	75-1	-109	-104	-31	-81	-53.81	cps
Barium	135-1	242	367	283	297	21.41	cps
Barium	137-1	600	533	600	578	6.66	cps
Beryllium	9-1	97	97	93	96	2.01	cps
Bismuth	209-1	802192	803737	807079	804336	0.31	cps
Bismuth	209-2	512334	511617	516453	513468	0.51	cps
Boron	10-1	542	433	458	478	11.87	cps
Boron	11-1	2017	2184	1734	1978	11.50	cps
Cadmium	111-1	352	356	322	343	5.36	cps
Cadmium	106-1	467	467	417	450	6.42	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	367	467	367	400	14.44	cps
Calcium	44-1	8503	8336	8194	8344	1.85	cps
Chromium	52-2	357	270	313	313	13.83	cps
Cobalt	59-2	53	93	77	74	27.00	cps
Copper	63-2	173	207	137	172	20.33	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	0	0	0	0.00	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	0	8	0	3	173.21	cps
Gadolinium	160-2	20	13	17	17	20.01	cps
Holmium	165-1	1330533	1337453	1337370	1335119	0.30	cps
Holmium	165-2	786195	785479	791397	787690	0.41	cps
Indium	115-1	963131	981039	984894	976355	1.19	cps
Indium	115-2	216925	220580	223096	220200	1.41	cps
Iron	56-2	3373	3239	3150	3254	3.44	cps
Iron	57-2	111	94	78	94	17.64	cps
Krypton	83-1	63	33	47	48	31.46	cps
Lead	206-1	117	117	100	111	8.66	cps
Lead	207-1	156	56	128	113	45.69	cps
Lead	208-1	528	378	411	439	17.95	cps
Lithium	6-1	883430	892628	894819	890292	0.68	cps
Magnesium	24-2	3075	3042	3142	3087	1.65	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:40:48	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	43	40	44	11.46	cps
Molybdenum	94-1	367	383	300	350	12.60	cps
Molybdenum	95-1	358	342	558	419	28.75	cps
Molybdenum	96-1	325	333	483	381	23.41	cps
Molybdenum	97-1	283	258	217	253	13.32	cps
Molybdenum	98-1	608	525	592	575	7.67	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	27	33	26	32.81	cps
Phosphorus	31-2	50	25	75	50	50.00	cps
Potassium	39-2	6760	6894	7102	6919	2.49	cps
Rhodium	103-1	1026945	1025341	1026570	1026285	0.08	cps
Rhodium	103-2	512432	510825	512999	512085	0.22	cps
Scandium	45-1	1297016	1296313	1303569	1298966	0.31	cps
Scandium	45-2	60309	60895	61420	60875	0.91	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	15	15	15	15	0.00	cps
Selenium	82-1	22	75	50	49	54.63	cps
Silicon	28-1	55545	57227	55738	56170	1.64	cps
Silver	109-1	92	150	125	122	23.95	cps
Silver	107-1	117	92	142	117	21.43	cps
Sodium	23-2	9003	8278	8278	8519	4.92	cps
Strontium	86-1	125	183	100	136	31.42	cps
Strontium	88-1	383	350	442	392	11.85	cps
Sulfur	34-1	113790	111700	112337	112609	0.95	cps
Terbium	159-1	1376606	1389327	1409890	1391941	1.21	cps
Terbium	159-2	778825	783564	779802	780730	0.32	cps
Thallium	203-1	108	142	125	125	13.33	cps
Thallium	205-1	375	383	342	367	6.01	cps
Thorium	232-1	344	378	400	374	7.48	cps
Tin	118-1	417	442	408	422	4.11	cps
Titanium	47-1	192	158	142	164	15.53	cps
Uranium	238-1	400	383	425	403	5.21	cps
Vanadium	51-2	207	297	260	254	17.79	cps
Yttrium	89-1	1423128	1431621	1436719	1430489	0.48	cps
Yttrium	89-2	224520	226222	225697	225480	0.39	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:40:48	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	37	60	47	48	24.50	cps
Zirconium	90-1	392	300	300	331	16.01	cps
Zirconium	91-1	133	83	83	100	28.87	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 17:45:04 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500	542	508	517	4.27	cps
Antimony	121-1	2159	2084	2142	2128	1.85	cps
Arsenic	75-1	141	5	280	142	96.57	cps
Barium	135-1	2834	2825	3159	2939	6.47	cps
Barium	137-1	5243	5335	5293	5290	0.87	cps
Beryllium	9-1	763	763	703	743	4.66	cps
Bismuth	209-1	801648	803482	796183	800438	0.47	cps
Bismuth	209-2	513343	516117	510841	513433	0.51	cps
Boron	10-1	2884	3267	3234	3128	6.79	cps
Boron	11-1	13373	13281	13273	13309	0.42	cps
Cadmium	111-1	618	574	594	596	3.71	cps
Cadmium	106-1	542	425	517	494	12.42	cps
Cadmium	108-1	33	33	25	31	15.74	cps
Calcium	43-1	3459	3667	3301	3476	5.29	cps
Calcium	44-1	60951	58107	59546	59535	2.39	cps
Chromium	52-2	1410	1367	1463	1413	3.43	cps
Cobalt	59-2	730	770	693	731	5.24	cps
Copper	63-2	1017	1010	893	973	7.13	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	8	0	3	173.21	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	8	17	0	8	100.02	cps
Gadolinium	160-2	17	30	17	21	36.45	cps
Holmium	165-1	1322168	1331023	1320709	1324633	0.42	cps
Holmium	165-2	785771	789885	775306	783654	0.96	cps
Indium	115-1	969559	981245	976708	975837	0.60	cps
Indium	115-2	220878	219890	217713	219493	0.74	cps
Iron	56-2	23614	24888	24543	24348	2.71	cps
Iron	57-2	617	656	672	648	4.40	cps
Krypton	83-1	70	40	63	58	27.26	cps
Lead	206-1	811	906	739	819	10.21	cps
Lead	207-1	717	800	628	715	12.05	cps
Lead	208-1	3289	3528	3172	3330	5.44	cps
Lithium	6-1	892190	893458	895895	893848	0.21	cps
Magnesium	24-2	31058	31066	30532	30885	0.99	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:45:04	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	320	373	360	351	7.90	cps
Molybdenum	94-1	2992	2834	2834	2887	3.17	cps
Molybdenum	95-1	3917	3584	3526	3676	5.75	cps
Molybdenum	96-1	3901	4226	4059	4062	4.00	cps
Molybdenum	97-1	2342	2317	2309	2323	0.75	cps
Molybdenum	98-1	5610	5943	5660	5738	3.13	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	173	143	162	10.13	cps
Phosphorus	31-2	83	42	125	83	50.00	cps
Potassium	39-2	30632	30407	30248	30429	0.63	cps
Rhodium	103-1	1008866	1027157	1025422	1020482	0.99	cps
Rhodium	103-2	507044	512732	507439	509072	0.62	cps
Scandium	45-1	1305205	1306056	1309106	1306789	0.16	cps
Scandium	45-2	60248	60443	60446	60379	0.19	cps
Selenium	77-2	13	3	3	7	86.65	cps
Selenium	78-2	39	69	41	49	33.61	cps
Selenium	82-1	193	203	170	189	9.01	cps
Silicon	28-1	69512	70333	68307	69384	1.47	cps
Silver	109-1	1283	1517	1417	1406	8.33	cps
Silver	107-1	1383	1258	1608	1417	12.52	cps
Sodium	23-2	63987	64455	65259	64567	1.00	cps
Strontium	86-1	458	525	500	494	6.81	cps
Strontium	88-1	3984	4309	3876	4056	5.56	cps
Sulfur	34-1	111406	113623	110918	111983	1.29	cps
Terbium	159-1	1365504	1378570	1371624	1371900	0.48	cps
Terbium	159-2	776096	775167	772265	774509	0.26	cps
Thallium	203-1	1075	883	942	967	10.16	cps
Thallium	205-1	2300	2425	2425	2384	3.03	cps
Thorium	232-1	3706	3517	3917	3714	5.39	cps
Tin	118-1	4834	4568	4618	4673	3.03	cps
Titanium	47-1	1734	1600	1675	1670	4.00	cps
Uranium	238-1	4134	3934	3817	3962	4.04	cps
Vanadium	51-2	2674	2750	2577	2667	3.26	cps
Yttrium	89-1	1422232	1432290	1420294	1424939	0.45	cps
Yttrium	89-2	226027	226276	224521	225608	0.42	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:45:04	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	133	163	200	166	20.17	cps
Zirconium	90-1	2567	2425	2359	2450	4.34	cps
Zirconium	91-1	667	525	717	636	15.63	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 17:49:01 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24638	25831	24696	25055	2.69	cps
Antimony	121-1	54490	54883	53461	54278	1.35	cps
Arsenic	75-1	15422	15581	15443	15482	0.56	cps
Barium	135-1	76460	76318	75404	76061	0.75	cps
Barium	137-1	132721	135305	132024	133350	1.30	cps
Beryllium	9-1	35993	36434	36263	36230	0.61	cps
Bismuth	209-1	801057	821607	808339	810334	1.29	cps
Bismuth	209-2	501719	510829	504638	505729	0.92	cps
Boron	10-1	6535	6118	6393	6349	3.34	cps
Boron	11-1	26432	26708	27342	26827	1.74	cps
Cadmium	111-1	15710	15651	15473	15611	0.79	cps
Cadmium	106-1	2109	2400	2309	2272	6.56	cps
Cadmium	108-1	1071	1225	1163	1153	6.73	cps
Calcium	43-1	36337	36763	36187	36429	0.82	cps
Calcium	44-1	587714	585778	577994	583829	0.88	cps
Chromium	52-2	29152	29299	29353	29268	0.35	cps
Cobalt	59-2	36773	37545	37117	37145	1.04	cps
Copper	63-2	45962	46872	46423	46419	0.98	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	17	8	8	11	43.34	cps
Gadolinium	160-2	37	17	20	24	43.83	cps
Holmium	165-1	1310993	1341149	1339647	1330596	1.28	cps
Holmium	165-2	766132	773708	773140	770993	0.55	cps
Indium	115-1	992782	970319	959669	974256	1.74	cps
Indium	115-2	210648	214575	212559	212594	0.92	cps
Iron	56-2	1072155	1075201	1074934	1074096	0.16	cps
Iron	57-2	27014	27799	27086	27300	1.59	cps
Krypton	83-1	73	37	80	63	36.84	cps
Lead	206-1	43154	43427	43332	43304	0.32	cps
Lead	207-1	38016	37927	37331	37758	0.99	cps
Lead	208-1	174288	174518	172210	173672	0.73	cps
Lithium	6-1	884924	892641	889282	888949	0.44	cps
Magnesium	24-2	293734	297185	298331	296417	0.81	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:49:01	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33000	33605	33722	33443	1.16	cps
Molybdenum	94-1	161799	161056	158866	160574	0.95	cps
Molybdenum	95-1	200348	199197	195396	198314	1.31	cps
Molybdenum	96-1	223238	219488	217815	220180	1.26	cps
Molybdenum	97-1	123314	123808	121766	122962	0.87	cps
Molybdenum	98-1	316981	316911	313935	315942	0.55	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	9447	9550	9220	9405	1.80	cps
Phosphorus	31-2	1475	1458	1517	1483	2.03	cps
Potassium	39-2	133477	133824	131823	133041	0.80	cps
Rhodium	103-1	1002470	1015549	1005840	1007953	0.67	cps
Rhodium	103-2	487695	492874	488900	489823	0.55	cps
Scandium	45-1	1271802	1283145	1270542	1275163	0.54	cps
Scandium	45-2	56989	58652	56879	57507	1.73	cps
Selenium	77-2	87	40	80	69	36.64	cps
Selenium	78-2	252	281	244	259	7.56	cps
Selenium	82-1	1506	1586	1552	1548	2.59	cps
Silicon	28-1	145915	146023	142010	144649	1.58	cps
Silver	109-1	68843	69488	67997	68776	1.09	cps
Silver	107-1	71112	72804	72335	72084	1.21	cps
Sodium	23-2	596387	598773	596270	597143	0.24	cps
Strontium	86-1	25064	25056	24347	24822	1.66	cps
Strontium	88-1	208225	211439	207971	209212	0.92	cps
Sulfur	34-1	123727	122920	121550	122732	0.90	cps
Terbium	159-1	1363555	1393486	1392535	1383192	1.23	cps
Terbium	159-2	766712	775579	769545	770612	0.59	cps
Thallium	203-1	48748	49585	48723	49019	1.00	cps
Thallium	205-1	119855	119419	118122	119132	0.76	cps
Thorium	232-1	220892	221241	217037	219723	1.06	cps
Tin	118-1	48184	46370	45717	46757	2.73	cps
Titanium	47-1	80880	79967	79012	79953	1.17	cps
Uranium	238-1	215864	217030	214984	215959	0.48	cps
Vanadium	51-2	25091	24604	24895	24863	0.99	cps
Yttrium	89-1	1395116	1419819	1408659	1407865	0.88	cps
Yttrium	89-2	213390	216703	217203	215766	0.96	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:49:01	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6862	7585	6745	7064	6.44	cps
Zirconium	90-1	132703	132819	128775	131433	1.75	cps
Zirconium	91-1	29139	30466	30416	30007	2.51	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 17:52:58 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57679	59243	59126	58683	1.48	cps
Antimony	121-1	133378	132410	130847	132212	0.97	cps
Arsenic	75-1	37284	37218	37092	37198	0.26	cps
Barium	135-1	185777	183860	184754	184797	0.52	cps
Barium	137-1	325153	325442	324177	324924	0.20	cps
Beryllium	9-1	85466	86461	82972	84966	2.12	cps
Bismuth	209-1	811965	839568	819955	823829	1.72	cps
Bismuth	209-2	511373	515290	524720	517127	1.33	cps
Boron	10-1	15233	15233	14950	15139	1.08	cps
Boron	11-1	62287	62890	63099	62759	0.67	cps
Cadmium	111-1	37318	37196	36481	36999	1.22	cps
Cadmium	106-1	4843	4926	4759	4843	1.72	cps
Cadmium	108-1	2805	3009	2909	2907	3.51	cps
Calcium	43-1	85372	85765	83796	84977	1.23	cps
Calcium	44-1	1350638	1361773	1325744	1346052	1.37	cps
Chromium	52-2	66261	66509	67326	66699	0.84	cps
Cobalt	59-2	85098	85976	88065	86380	1.76	cps
Copper	63-2	101391	101952	102613	101985	0.60	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	0	0	0	0	0.00	cps
Gadolinium	160-2	23	13	33	23	42.86	cps
Holmium	165-1	1338845	1353700	1342392	1344979	0.58	cps
Holmium	165-2	781617	785325	805358	790767	1.62	cps
Indium	115-1	944936	965755	993837	968176	2.53	cps
Indium	115-2	207841	210625	212611	210359	1.14	cps
Iron	56-2	2397131	2380900	2407969	2395333	0.57	cps
Iron	57-2	62366	62282	63147	62598	0.76	cps
Krypton	83-1	60	33	17	37	59.61	cps
Lead	206-1	106154	106546	105247	105982	0.63	cps
Lead	207-1	94204	94791	94126	94374	0.39	cps
Lead	208-1	427846	432517	428816	429726	0.57	cps
Lithium	6-1	874452	883296	868905	875551	0.83	cps
Magnesium	24-2	684454	686790	704875	692040	1.62	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:52:58	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	79212	79885	80274	79790	0.67	cps
Molybdenum	94-1	384996	387502	384132	385543	0.45	cps
Molybdenum	95-1	480974	483731	475259	479988	0.90	cps
Molybdenum	96-1	529204	534687	523693	529194	1.04	cps
Molybdenum	97-1	295888	296095	293054	295012	0.58	cps
Molybdenum	98-1	756294	759022	740216	751844	1.35	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	19880	21102	21192	20725	3.54	cps
Phosphorus	31-2	3234	3284	3517	3345	4.52	cps
Potassium	39-2	299995	301244	309437	303559	1.69	cps
Rhodium	103-1	987424	1005755	984449	992542	1.16	cps
Rhodium	103-2	476642	482004	487674	482107	1.14	cps
Scandium	45-1	1237549	1262354	1238852	1246252	1.12	cps
Scandium	45-2	56129	55858	56728	56239	0.79	cps
Selenium	77-2	173	177	187	179	3.88	cps
Selenium	78-2	569	632	615	605	5.39	cps
Selenium	82-1	3778	3794	3843	3805	0.89	cps
Silicon	28-1	254227	255666	254311	254735	0.32	cps
Silver	109-1	163131	165256	161994	163460	1.01	cps
Silver	107-1	170431	172032	171788	171417	0.50	cps
Sodium	23-2	1372885	1375182	1404015	1384027	1.25	cps
Strontium	86-1	58671	58771	58855	58766	0.16	cps
Strontium	88-1	502527	505059	495381	500989	1.00	cps
Sulfur	34-1	132148	129609	129650	130469	1.11	cps
Terbium	159-1	1389269	1412706	1393770	1398582	0.89	cps
Terbium	159-2	770987	785398	791117	782501	1.33	cps
Thallium	203-1	122324	124485	124040	123616	0.92	cps
Thallium	205-1	299702	307650	298680	302011	1.63	cps
Thorium	232-1	553311	561469	555862	556881	0.75	cps
Tin	118-1	113691	113329	112221	113080	0.68	cps
Titanium	47-1	185483	188520	184025	186010	1.23	cps
Uranium	238-1	551951	550869	546894	549905	0.48	cps
Vanadium	51-2	57083	57522	58251	57619	1.02	cps
Yttrium	89-1	1374178	1394002	1390368	1386183	0.76	cps
Yttrium	89-2	209936	213769	215478	213061	1.33	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:52:58	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16239	16052	16706	16333	2.06	cps
Zirconium	90-1	314399	317567	311903	314623	0.90	cps
Zirconium	91-1	70550	72718	71730	71666	1.51	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:56:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110001	110506	108030	109512	1.20	cps
Antimony	121-1	264231	260991	262718	262646	0.62	cps
Arsenic	75-1	69477	70204	69299	69660	0.69	cps
Barium	135-1	372355	370031	369425	370604	0.42	cps
Barium	137-1	653667	644969	652614	650416	0.73	cps
Beryllium	9-1	161126	157921	159139	159395	1.02	cps
Bismuth	209-1	823595	824971	839068	829211	1.03	cps
Bismuth	209-2	495152	505713	509578	503481	1.48	cps
Boron	10-1	28377	27626	29288	28430	2.93	cps
Boron	11-1	117236	118713	122125	119358	2.10	cps
Cadmium	111-1	71819	71779	72837	72145	0.83	cps
Cadmium	106-1	8986	8820	8495	8767	2.85	cps
Cadmium	108-1	5935	5635	5334	5635	5.33	cps
Calcium	43-1	164025	161345	162061	162477	0.85	cps
Calcium	44-1	2581623	2560181	2555871	2565892	0.54	cps
Chromium	52-2	124288	126137	125394	125273	0.74	cps
Cobalt	59-2	158181	160964	159165	159437	0.89	cps
Copper	63-2	189192	190076	189414	189561	0.24	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	3	17	8	99.04	cps
Erbium	164-1	0	0	8	3	173.21	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	8	8	8	8	0.00	cps
Gadolinium	160-2	17	40	27	28	42.13	cps
Holmium	165-1	1342078	1358390	1363546	1354671	0.83	cps
Holmium	165-2	766453	784326	771928	774236	1.18	cps
Indium	115-1	966693	971524	967300	968506	0.27	cps
Indium	115-2	197898	201998	200217	200038	1.03	cps
Iron	56-2	4522003	4493432	4472788	4496074	0.55	cps
Iron	57-2	115467	116217	115332	115672	0.41	cps
Krypton	83-1	27	23	43	31	34.44	cps
Lead	206-1	213955	217841	214267	215354	1.00	cps
Lead	207-1	192349	191414	193133	192299	0.45	cps
Lead	208-1	875790	881238	879704	878911	0.32	cps
Lithium	6-1	834184	832045	836004	834078	0.24	cps
Magnesium	24-2	1252685	1262331	1249643	1254887	0.53	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:56:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	149116	148961	147578	148551	0.57	cps
Molybdenum	94-1	748766	745824	748451	747680	0.22	cps
Molybdenum	95-1	931484	922272	919254	924337	0.69	cps
Molybdenum	96-1	1032758	1027208	1032883	1030950	0.31	cps
Molybdenum	97-1	578121	572052	574774	574982	0.53	cps
Molybdenum	98-1	1442165	1425713	1430248	1432709	0.59	cps
Neodymium	150-1	27	33	47	36	28.64	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	37672	37949	38290	37970	0.82	cps
Phosphorus	31-2	6327	6060	5993	6127	2.88	cps
Potassium	39-2	558514	560825	552772	557370	0.74	cps
Rhodium	103-1	935639	935091	932292	934341	0.19	cps
Rhodium	103-2	449599	461332	460540	457157	1.43	cps
Scandium	45-1	1154894	1151003	1153193	1153030	0.17	cps
Scandium	45-2	52559	52867	53523	52983	0.93	cps
Selenium	77-2	383	333	317	344	10.07	cps
Selenium	78-2	1104	1132	1132	1122	1.43	cps
Selenium	82-1	7414	7198	7223	7278	1.62	cps
Silicon	28-1	435132	434750	432552	434145	0.32	cps
Silver	109-1	322363	315339	317092	318265	1.15	cps
Silver	107-1	334116	336862	336128	335702	0.42	cps
Sodium	23-2	2566963	2564537	2560371	2563957	0.13	cps
Strontium	86-1	114806	113110	114041	113986	0.75	cps
Strontium	88-1	980258	970389	966008	972218	0.75	cps
Sulfur	34-1	147263	146547	144922	146244	0.82	cps
Terbium	159-1	1390211	1388580	1408091	1395627	0.78	cps
Terbium	159-2	752653	767467	773818	764646	1.42	cps
Thallium	203-1	251887	252452	251903	252081	0.13	cps
Thallium	205-1	618353	616681	614311	616448	0.33	cps
Thorium	232-1	1108275	1110945	1115675	1111632	0.34	cps
Tin	118-1	230199	227750	227742	228564	0.62	cps
Titanium	47-1	352911	347750	349382	350014	0.75	cps
Uranium	238-1	1106933	1105099	1117916	1109983	0.62	cps
Vanadium	51-2	108149	108005	107803	107986	0.16	cps
Yttrium	89-1	1340264	1333536	1351235	1341678	0.67	cps
Yttrium	89-2	201286	200934	204708	202309	1.03	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 17:56:54	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	30639	30739	30188	30522	0.96	cps
Zirconium	90-1	614968	607757	611533	611420	0.59	cps
Zirconium	91-1	139912	137656	140896	139488	1.19	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:00:49 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217467	214616	214755	215613	0.75	cps
Antimony	121-1	521469	523468	525201	523379	0.36	cps
Arsenic	75-1	136321	140188	139634	138715	1.51	cps
Barium	135-1	734181	745390	742129	740567	0.78	cps
Barium	137-1	1246151	1249415	1245047	1246871	0.18	cps
Beryllium	9-1	308431	308980	306282	307898	0.46	cps
Bismuth	209-1	786929	785434	795667	789343	0.70	cps
Bismuth	209-2	474777	472477	475688	474314	0.35	cps
Boron	10-1	55310	55662	56322	55765	0.92	cps
Boron	11-1	228087	227217	230383	228563	0.72	cps
Cadmium	111-1	141629	141887	139638	141051	0.87	cps
Cadmium	106-1	16719	16902	16227	16616	2.10	cps
Cadmium	108-1	10829	11430	11355	11205	2.92	cps
Calcium	43-1	314472	317644	318426	316847	0.66	cps
Calcium	44-1	5006424	5004450	5059671	5023515	0.62	cps
Chromium	52-2	249684	251619	252152	251152	0.52	cps
Cobalt	59-2	316898	320208	318649	318585	0.52	cps
Copper	63-2	373793	378595	375358	375915	0.65	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	17	20	10	16	32.73	cps
Erbium	164-1	0	0	8	3	173.21	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	8	0	17	8	100.02	cps
Gadolinium	160-2	37	7	23	22	67.63	cps
Holmium	165-1	1340116	1332810	1340310	1337745	0.32	cps
Holmium	165-2	742555	738347	737962	739621	0.34	cps
Indium	115-1	932546	926476	937627	932217	0.60	cps
Indium	115-2	188550	187858	188994	188467	0.30	cps
Iron	56-2	9044600	9017161	9013426	9025062	0.19	cps
Iron	57-2	232830	233522	231245	232532	0.50	cps
Krypton	83-1	67	37	60	54	28.93	cps
Lead	206-1	425827	425383	430722	427311	0.69	cps
Lead	207-1	387476	385696	391422	388198	0.75	cps
Lead	208-1	1730181	1730649	1753539	1738123	0.77	cps
Lithium	6-1	795981	792055	795439	794492	0.27	cps
Magnesium	24-2	2496912	2500198	2474941	2490684	0.55	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:00:49	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	296548	299996	299604	298716	0.63	cps
Molybdenum	94-1	1453874	1452050	1455879	1453935	0.13	cps
Molybdenum	95-1	1775504	1782230	1785978	1781237	0.30	cps
Molybdenum	96-1	1957965	1980164	1990879	1976336	0.85	cps
Molybdenum	97-1	1084773	1077917	1091718	1084803	0.64	cps
Molybdenum	98-1	2830113	2834732	2860553	2841799	0.58	cps
Neodymium	150-1	73	33	27	44	56.79	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	75339	76746	77084	76390	1.21	cps
Phosphorus	31-2	11563	12514	11847	11975	4.08	cps
Potassium	39-2	1105438	1105240	1115469	1108716	0.53	cps
Rhodium	103-1	887186	885416	892383	888328	0.41	cps
Rhodium	103-2	426464	424423	427504	426130	0.37	cps
Scandium	45-1	1100990	1103133	1105023	1103049	0.18	cps
Scandium	45-2	49619	49870	50151	49880	0.53	cps
Selenium	77-2	633	673	767	691	9.90	cps
Selenium	78-2	2198	2245	2254	2232	1.33	cps
Selenium	82-1	14206	14162	14414	14260	0.94	cps
Silicon	28-1	783156	792034	792310	789167	0.66	cps
Silver	109-1	619357	621072	624542	621657	0.42	cps
Silver	107-1	649867	649537	650107	649837	0.04	cps
Sodium	23-2	5176086	5151046	5136976	5154703	0.38	cps
Strontium	86-1	226553	224184	224714	225150	0.55	cps
Strontium	88-1	1887910	1881740	1890704	1886784	0.24	cps
Sulfur	34-1	201376	199519	195221	198705	1.59	cps
Terbium	159-1	1370692	1370137	1382221	1374350	0.50	cps
Terbium	159-2	725277	726323	733289	728296	0.60	cps
Thallium	203-1	511113	512316	515276	512902	0.42	cps
Thallium	205-1	1218323	1212921	1222678	1217974	0.40	cps
Thorium	232-1	2284251	2267342	2295624	2282406	0.62	cps
Tin	118-1	453433	452751	455596	453927	0.33	cps
Titanium	47-1	681229	678430	688793	682817	0.79	cps
Uranium	238-1	2252952	2269802	2300220	2274325	1.05	cps
Vanadium	51-2	217795	217324	218576	217898	0.29	cps
Yttrium	89-1	1293141	1293230	1305427	1297266	0.54	cps
Yttrium	89-2	192534	192747	194217	193166	0.47	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:00:49	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60983	61469	61847	61433	0.70	cps
Zirconium	90-1	1189519	1210767	1215692	1205326	1.15	cps
Zirconium	91-1	274664	269420	269883	271322	1.07	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:04:42 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	422931	434107	426535	427858	1.33	cps
Antimony	121-1	1018331	1021369	1018083	1019261	0.18	cps
Arsenic	75-1	269669	271257	271177	270701	0.33	cps
Barium	135-1	1453210	1459717	1446308	1453078	0.46	cps
Barium	137-1	2474190	2513641	2493410	2493747	0.79	cps
Beryllium	9-1	594480	599100	587784	593788	0.96	cps
Bismuth	209-1	751337	762731	752820	755629	0.82	cps
Bismuth	209-2	460009	462549	472795	465118	1.46	cps
Boron	10-1	108865	109721	109277	109288	0.39	cps
Boron	11-1	447699	457198	457640	454179	1.24	cps
Cadmium	111-1	288851	290997	288909	289586	0.42	cps
Cadmium	106-1	34384	33699	33733	33939	1.14	cps
Cadmium	108-1	22589	22593	22568	22584	0.06	cps
Calcium	43-1	618316	627939	621852	622702	0.78	cps
Calcium	44-1	9944940	10063643	9985650	9998078	0.60	cps
Chromium	52-2	493277	497412	499841	496843	0.67	cps
Cobalt	59-2	624726	627377	624849	625651	0.24	cps
Copper	63-2	784092	795745	790316	790051	0.74	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	43	37	33	38	13.48	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	8	8	17	11	43.34	cps
Gadolinium	160-2	13	33	23	23	42.86	cps
Holmium	165-1	1299047	1326046	1312471	1312521	1.03	cps
Holmium	165-2	743256	745551	748676	745828	0.36	cps
Indium	115-1	873046	887435	883759	881413	0.85	cps
Indium	115-2	183611	183631	185766	184336	0.67	cps
Iron	56-2	17879134	17769308	17594447	17747629	0.81	cps
Iron	57-2	460992	461560	461180	461244	0.06	cps
Krypton	83-1	40	40	30	37	15.75	cps
Lead	206-1	845122	849180	835457	843253	0.84	cps
Lead	207-1	768492	765461	767048	767000	0.20	cps
Lead	208-1	3451346	3468941	3431271	3450519	0.55	cps
Lithium	6-1	762429	764613	759382	762141	0.34	cps
Magnesium	24-2	4932343	4932588	4883063	4915998	0.58	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:04:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	586685	597465	590041	591397	0.93	cps
Molybdenum	94-1	2896799	2915630	2892336	2901589	0.43	cps
Molybdenum	95-1	3527816	3609318	3557867	3565000	1.16	cps
Molybdenum	96-1	3939214	3979416	3933292	3950641	0.64	cps
Molybdenum	97-1	2166678	2186198	2169629	2174168	0.48	cps
Molybdenum	98-1	5679607	5709843	5689559	5693003	0.27	cps
Neodymium	150-1	127	100	147	124	18.81	cps
Neodymium	150-2	17	17	17	17	0.00	cps
Nickel	60-2	147640	149590	149089	148773	0.68	cps
Phosphorus	31-2	23369	23786	23903	23686	1.19	cps
Potassium	39-2	2133966	2152805	2133027	2139932	0.52	cps
Rhodium	103-1	838234	841081	836255	838524	0.29	cps
Rhodium	103-2	416019	414990	419999	417003	0.63	cps
Scandium	45-1	1062089	1064880	1067006	1064658	0.23	cps
Scandium	45-2	49663	50065	50539	50089	0.88	cps
Selenium	77-2	1337	1310	1347	1331	1.42	cps
Selenium	78-2	4590	4567	4466	4541	1.46	cps
Selenium	82-1	27250	27611	27282	27381	0.73	cps
Silicon	28-1	1422779	1429695	1422175	1424883	0.29	cps
Silver	109-1	1244670	1257291	1244228	1248730	0.59	cps
Silver	107-1	1291773	1306447	1301669	1299963	0.58	cps
Sodium	23-2	10252204	10263820	10193639	10236554	0.37	cps
Strontium	86-1	448143	455157	449704	451001	0.82	cps
Strontium	88-1	3774065	3789437	3785409	3782970	0.21	cps
Sulfur	34-1	312925	315332	313869	314042	0.39	cps
Terbium	159-1	1343797	1355865	1340776	1346813	0.59	cps
Terbium	159-2	732012	736041	746053	738035	0.98	cps
Thallium	203-1	1015813	1030243	1019013	1021690	0.74	cps
Thallium	205-1	2437098	2455677	2413766	2435514	0.86	cps
Thorium	232-1	4645384	4675541	4612155	4644360	0.68	cps
Tin	118-1	911605	913529	909319	911484	0.23	cps
Titanium	47-1	1342168	1344570	1330734	1339157	0.55	cps
Uranium	238-1	4609033	4644890	4614815	4622913	0.42	cps
Vanadium	51-2	433495	435530	432081	433702	0.40	cps
Yttrium	89-1	1256950	1272914	1256293	1262052	0.75	cps
Yttrium	89-2	190515	193383	194825	192907	1.14	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:04:42	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	129628	129498	130299	129808	0.33	cps
Zirconium	90-1	2419967	2446412	2419607	2428662	0.63	cps
Zirconium	91-1	535214	536878	538295	536796	0.29	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:08:34 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2046806	2061335	2057845	2055329	0.37	cps
Antimony	121-1	1417	1675	1525	1539	8.43	cps
Arsenic	75-1	229	217	236	227	4.36	cps
Barium	135-1	267	167	217	217	23.08	cps
Barium	137-1	400	400	350	383	7.53	cps
Beryllium	9-1	143	103	87	111	26.21	cps
Bismuth	209-1	639632	644881	634025	639512	0.85	cps
Bismuth	209-2	389829	394361	391189	391793	0.59	cps
Boron	10-1	5601	5193	5535	5443	4.03	cps
Boron	11-1	24162	23210	20356	22576	8.77	cps
Cadmium	111-1	259	327	312	299	11.85	cps
Cadmium	106-1	325	425	392	381	13.38	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	2889469	2901870	2898015	2896452	0.22	cps
Calcium	44-1	47517306	47653374	47564734	47578472	0.15	cps
Chromium	52-2	7249	7759	7812	7607	4.09	cps
Cobalt	59-2	7165	7359	7058	7194	2.12	cps
Copper	63-2	1733	1727	1800	1753	2.31	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	8	8	17	11	43.34	cps
Gadolinium	160-2	33	43	17	31	43.29	cps
Holmium	165-1	1196717	1205729	1193533	1198660	0.53	cps
Holmium	165-2	686218	693067	688577	689287	0.50	cps
Indium	115-1	810777	806251	802486	806505	0.51	cps
Indium	115-2	176168	179652	176596	177472	1.07	cps
Iron	56-2	85086632	85533288	85442474	85354132	0.28	cps
Iron	57-2	2185495	2215739	2210633	2203956	0.73	cps
Krypton	83-1	57	60	57	58	3.33	cps
Lead	206-1	644	650	494	596	14.80	cps
Lead	207-1	528	550	467	515	8.38	cps
Lead	208-1	2561	2678	2328	2522	7.07	cps
Lithium	6-1	723006	725930	725558	724831	0.22	cps
Magnesium	24-2	23926784	24105692	24013628	24015368	0.37	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:08:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1984	2120	2104	2069	3.60	cps
Molybdenum	94-1	1550	1500	1308	1453	8.78	cps
Molybdenum	95-1	2209	1959	1892	2020	8.27	cps
Molybdenum	96-1	3459	3342	3092	3298	5.68	cps
Molybdenum	97-1	1442	1292	1250	1328	7.59	cps
Molybdenum	98-1	3334	3175	3075	3195	4.08	cps
Neodymium	150-1	33	47	27	36	28.64	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	2510	2500	2530	2514	0.61	cps
Phosphorus	31-2	25	92	25	47	81.51	cps
Potassium	39-2	10777875	10789328	10830749	10799317	0.26	cps
Rhodium	103-1	752587	753908	748240	751579	0.39	cps
Rhodium	103-2	372834	375872	374862	374523	0.41	cps
Scandium	45-1	1067686	1075522	1075503	1072903	0.42	cps
Scandium	45-2	50027	50422	48683	49711	1.83	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	9	24	7	14	67.24	cps
Selenium	82-1	45	42	31	39	18.58	cps
Silicon	28-1	110271	111748	110640	110887	0.69	cps
Silver	109-1	158	167	83	136	33.72	cps
Silver	107-1	117	67	75	86	31.11	cps
Sodium	23-2	49665821	50264736	50286126	50072228	0.70	cps
Strontium	86-1	1792	1950	1817	1853	4.59	cps
Strontium	88-1	15500	14858	14908	15089	2.37	cps
Sulfur	34-1	78549	79270	80124	79314	0.99	cps
Terbium	159-1	1230078	1235420	1218429	1227975	0.71	cps
Terbium	159-2	681179	686445	679635	682420	0.52	cps
Thallium	203-1	342	317	250	303	15.65	cps
Thallium	205-1	942	808	600	783	21.98	cps
Thorium	232-1	1022	722	628	791	26.05	cps
Tin	118-1	542	500	433	492	11.11	cps
Titanium	47-1	317	425	342	361	15.71	cps
Uranium	238-1	475	350	242	356	32.84	cps
Vanadium	51-2	87	83	80	83	4.00	cps
Yttrium	89-1	1212037	1202899	1197594	1204177	0.61	cps
Yttrium	89-2	186135	187638	188722	187498	0.69	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:08:34	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1117	1207	1120	1148	4.45	cps
Zirconium	90-1	900	792	800	831	7.26	cps
Zirconium	91-1	150	208	192	183	16.39	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:16:27 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10879	10604	10546	10676	1.67	cps
Antimony	121-1	203944	197131	195444	198840	2.26	cps
Arsenic	75-1	56406	55469	54078	55317	2.12	cps
Barium	135-1	28663	28229	28923	28605	1.22	cps
Barium	137-1	50242	48486	48761	49163	1.92	cps
Beryllium	9-1	62672	61270	61179	61707	1.36	cps
Bismuth	209-1	780331	759591	751827	763916	1.93	cps
Bismuth	209-2	475566	463084	472961	470537	1.40	cps
Boron	10-1	1892	1750	1850	1831	3.98	cps
Boron	11-1	7402	7252	6802	7152	4.37	cps
Cadmium	111-1	28323	27447	26797	27522	2.78	cps
Cadmium	106-1	3067	2775	3067	2970	5.67	cps
Cadmium	108-1	2479	2275	2542	2432	5.74	cps
Calcium	43-1	12873	12647	12089	12536	3.22	cps
Calcium	44-1	208222	206775	203262	206086	1.24	cps
Chromium	52-2	50249	50112	50740	50367	0.66	cps
Cobalt	59-2	66507	66161	64796	65821	1.37	cps
Copper	63-2	38728	38812	38738	38759	0.12	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	0	0	17	6	173.21	cps
Gadolinium	160-2	33	10	23	22	52.68	cps
Holmium	165-1	1261385	1233321	1230983	1241896	1.36	cps
Holmium	165-2	717611	710336	710542	712830	0.58	cps
Indium	115-1	922021	891971	891577	901856	1.94	cps
Indium	115-2	191338	191138	192427	191634	0.36	cps
Iron	56-2	396091	393627	391694	393804	0.56	cps
Iron	57-2	9831	10176	10115	10041	1.83	cps
Krypton	83-1	27	47	43	39	27.55	cps
Lead	206-1	166479	165294	163841	165204	0.80	cps
Lead	207-1	146976	145240	143971	145396	1.04	cps
Lead	208-1	677265	673195	659647	670036	1.38	cps
Lithium	6-1	796059	773295	768881	779412	1.87	cps
Magnesium	24-2	64247	64798	65686	64910	1.12	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:16:27 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29693	29326	29537	29519	0.62	cps
Molybdenum	94-1	1033377	1018676	1010806	1020953	1.12	cps
Molybdenum	95-1	1793168	1784643	1776752	1784854	0.46	cps
Molybdenum	96-1	1913523	1895057	1895511	1901363	0.55	cps
Molybdenum	97-1	1089027	1070671	1071561	1077087	0.96	cps
Molybdenum	98-1	2847048	2820142	2844436	2837209	0.52	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	15732	15799	15979	15837	0.81	cps
Phosphorus	31-2	8	50	33	31	68.64	cps
Potassium	39-2	96420	95499	94668	95529	0.92	cps
Rhodium	103-1	904195	865988	869203	879795	2.41	cps
Rhodium	103-2	435210	433784	434288	434427	0.17	cps
Scandium	45-1	1126096	1086394	1089986	1100825	1.99	cps
Scandium	45-2	50599	49910	49576	50029	1.04	cps
Selenium	77-2	280	303	297	293	4.10	cps
Selenium	78-2	889	978	924	930	4.81	cps
Selenium	82-1	5649	5614	5627	5630	0.31	cps
Silicon	28-1	53638	54834	55847	54773	2.02	cps
Silver	109-1	118250	117545	117972	117922	0.30	cps
Silver	107-1	125630	122855	120871	123118	1.94	cps
Sodium	23-2	222900	216506	222584	220664	1.63	cps
Strontium	86-1	1083	1175	1108	1122	4.22	cps
Strontium	88-1	8711	8645	8870	8742	1.32	cps
Sulfur	34-1	84128	81170	80743	82014	2.25	cps
Terbium	159-1	1304717	1264762	1273520	1281000	1.64	cps
Terbium	159-2	707840	702155	704807	704934	0.40	cps
Thallium	203-1	196843	191171	193522	193845	1.47	cps
Thallium	205-1	478941	474120	477733	476931	0.53	cps
Thorium	232-1	339	333	261	311	13.95	cps
Tin	118-1	67	83	83	78	12.37	cps
Titanium	47-1	679526	671834	669252	673538	0.79	cps
Uranium	238-1	33	67	25	42	52.92	cps
Vanadium	51-2	44417	43705	44012	44045	0.81	cps
Yttrium	89-1	1278248	1249984	1248470	1258901	1.33	cps
Yttrium	89-2	193642	191801	192028	192490	0.52	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:16:27	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	14177	13603	13860	13880	2.07	cps
Zirconium	90-1	425	358	417	400	9.08	cps
Zirconium	91-1	142	83	117	114	25.69	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:20:19 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	8	6	86.60	cps
Antimony	121-1	208	133	283	208	36.00	cps
Arsenic	75-1	-121	-130	-88	-113	-19.74	cps
Barium	135-1	0	0	0	0	0.00	cps
Barium	137-1	17	8	0	8	100.02	cps
Beryllium	9-1	67	53	30	50	37.12	cps
Bismuth	209-1	759894	762098	750810	757601	0.79	cps
Bismuth	209-2	469532	466200	468567	468100	0.37	cps
Boron	10-1	1275	1142	917	1111	16.30	cps
Boron	11-1	4959	4643	4659	4754	3.75	cps
Cadmium	111-1	354	363	208	308	28.12	cps
Cadmium	106-1	500	500	292	431	27.94	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	25	42	42	36	26.65	cps
Calcium	44-1	2192	2450	2300	2314	5.61	cps
Chromium	52-2	187	203	147	179	16.28	cps
Cobalt	59-2	0	0	7	2	173.21	cps
Copper	63-2	53	40	77	57	32.76	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	8	8	8	8	0.00	cps
Gadolinium	160-2	10	7	23	13	66.12	cps
Holmium	165-1	1227006	1236465	1249252	1237575	0.90	cps
Holmium	165-2	713299	707324	715638	712087	0.60	cps
Indium	115-1	901096	904437	909421	904985	0.46	cps
Indium	115-2	193571	194327	195111	194336	0.40	cps
Iron	56-2	1233	1111	1156	1167	5.30	cps
Iron	57-2	33	28	33	31	10.18	cps
Krypton	83-1	47	33	47	42	18.24	cps
Lead	206-1	50	56	78	61	24.05	cps
Lead	207-1	56	33	61	50	29.40	cps
Lead	208-1	194	150	233	193	21.65	cps
Lithium	6-1	771641	781753	784630	779341	0.88	cps
Magnesium	24-2	100	150	92	114	27.70	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:20:19	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	7	0	4	86.60	cps
Molybdenum	94-1	217	150	167	178	19.52	cps
Molybdenum	95-1	242	142	125	169	37.24	cps
Molybdenum	96-1	342	308	250	300	15.47	cps
Molybdenum	97-1	183	150	183	172	11.17	cps
Molybdenum	98-1	375	333	333	347	6.93	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	10	17	13	25.01	cps
Phosphorus	31-2	33	50	17	33	50.00	cps
Potassium	39-2	4334	4242	4518	4365	3.21	cps
Rhodium	103-1	897692	892286	899953	896644	0.44	cps
Rhodium	103-2	445216	443763	443856	444278	0.18	cps
Scandium	45-1	1103157	1095164	1109784	1102701	0.66	cps
Scandium	45-2	51422	51382	51773	51526	0.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	7	4	7	50.02	cps
Selenium	82-1	42	62	42	49	23.12	cps
Silicon	28-1	49926	51106	49901	50311	1.37	cps
Silver	109-1	8	17	33	19	65.47	cps
Silver	107-1	25	17	8	17	50.01	cps
Sodium	23-2	5284	5376	5201	5287	1.66	cps
Strontium	86-1	125	42	67	78	54.98	cps
Strontium	88-1	42	33	42	39	12.38	cps
Sulfur	34-1	86467	84221	86150	85613	1.42	cps
Terbium	159-1	1267131	1285228	1297635	1283331	1.20	cps
Terbium	159-2	702743	702202	706250	703732	0.31	cps
Thallium	203-1	108	58	75	81	31.60	cps
Thallium	205-1	300	242	308	283	12.82	cps
Thorium	232-1	128	94	83	102	22.71	cps
Tin	118-1	58	67	142	89	51.63	cps
Titanium	47-1	100	25	75	67	57.28	cps
Uranium	238-1	17	17	17	17	0.00	cps
Vanadium	51-2	0	3	0	1	173.21	cps
Yttrium	89-1	1232485	1270746	1287079	1263437	2.22	cps
Yttrium	89-2	195846	193787	195584	195072	0.57	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:20:19	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	37	33	17	29	37.08	cps
Zirconium	90-1	75	67	117	86	31.11	cps
Zirconium	91-1	17	8	17	14	34.67	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:23:56 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1956588	1964334	1960567	1960496	0.20	cps
Antimony	121-1	1283	1350	1267	1300	3.39	cps
Arsenic	75-1	274	394	398	355	19.92	cps
Barium	135-1	417	475	450	447	6.54	cps
Barium	137-1	808	692	758	753	7.78	cps
Beryllium	9-1	200	200	220	207	5.59	cps
Bismuth	209-1	733363	723097	729786	728749	0.72	cps
Bismuth	209-2	442960	447318	452892	447723	1.11	cps
Boron	10-1	975	1158	917	1017	12.40	cps
Boron	11-1	4309	3884	3734	3976	7.50	cps
Cadmium	111-1	431	432	308	390	18.25	cps
Cadmium	106-1	358	417	350	375	9.69	cps
Cadmium	108-1	308	342	404	351	13.85	cps
Calcium	43-1	629500	618404	629157	625687	1.01	cps
Calcium	44-1	10101676	10093629	10246170	10147158	0.85	cps
Chromium	52-2	10527	10714	10767	10670	1.18	cps
Cobalt	59-2	857	753	787	799	6.60	cps
Copper	63-2	3020	2980	3080	3027	1.66	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	0	25	0	8	173.21	cps
Gadolinium	160-2	30	20	27	26	19.92	cps
Holmium	165-1	1257174	1266787	1280922	1268294	0.94	cps
Holmium	165-2	726489	741112	738688	735430	1.07	cps
Indium	115-1	881892	875924	880652	879489	0.36	cps
Indium	115-2	188767	191875	191870	190837	0.94	cps
Iron	56-2	36977806	37013445	37116131	37035794	0.19	cps
Iron	57-2	972629	980757	991480	981622	0.96	cps
Krypton	83-1	37	40	50	42	16.43	cps
Lead	206-1	3767	3945	3917	3877	2.47	cps
Lead	207-1	2945	3045	3039	3010	1.87	cps
Lead	208-1	14998	14465	14643	14702	1.85	cps
Lithium	6-1	771300	763371	775318	769996	0.79	cps
Magnesium	24-2	5146539	5170568	5162044	5159717	0.24	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:23:56 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2500	2440	2607	2516	3.36	cps
Molybdenum	94-1	766667	760032	753744	760147	0.85	cps
Molybdenum	95-1	1311732	1327267	1339179	1326059	1.04	cps
Molybdenum	96-1	1406336	1416441	1443952	1422243	1.37	cps
Molybdenum	97-1	813657	802280	808219	808052	0.70	cps
Molybdenum	98-1	2100873	2123916	2143990	2122926	1.02	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	820	887	947	884	7.16	cps
Phosphorus	31-2	119106	119064	121349	119839	1.09	cps
Potassium	39-2	4532391	4520953	4544819	4532721	0.26	cps
Rhodium	103-1	837495	832352	828175	832674	0.56	cps
Rhodium	103-2	416305	425141	427137	422861	1.36	cps
Scandium	45-1	1088465	1081017	1080056	1083179	0.42	cps
Scandium	45-2	51024	51486	52272	51594	1.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	2	11	8	66.63	cps
Selenium	82-1	66	46	38	50	28.82	cps
Silicon	28-1	85208	84848	85326	85128	0.29	cps
Silver	109-1	33	25	75	44	60.28	cps
Silver	107-1	42	50	17	36	48.03	cps
Sodium	23-2	10794956	10777793	10766080	10779610	0.13	cps
Strontium	86-1	15884	15667	15759	15770	0.69	cps
Strontium	88-1	132467	132372	130784	131874	0.72	cps
Sulfur	34-1	1263739	1253635	1265447	1260940	0.51	cps
Terbium	159-1	1305044	1316401	1326326	1315924	0.81	cps
Terbium	159-2	720462	728448	730248	726386	0.72	cps
Thallium	203-1	200	200	158	186	12.93	cps
Thallium	205-1	242	292	317	283	13.48	cps
Thorium	232-1	83	67	89	80	14.52	cps
Tin	118-1	283	217	175	225	24.29	cps
Titanium	47-1	566964	562746	566642	565451	0.42	cps
Uranium	238-1	100	83	75	86	14.79	cps
Vanadium	51-2	100	83	83	89	10.83	cps
Yttrium	89-1	1255343	1259441	1280071	1264952	1.05	cps
Yttrium	89-2	193981	197552	196561	196031	0.94	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:23:56	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	927	920	937	928	0.90	cps
Zirconium	90-1	175	175	75	142	40.76	cps
Zirconium	91-1	25	33	33	31	15.74	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:27:33 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1980525	1967410	1964108	1970681	0.44	cps
Antimony	121-1	22402	22878	22294	22524	1.38	cps
Arsenic	75-1	6051	5855	6442	6116	4.89	cps
Barium	135-1	6227	6919	6702	6616	5.35	cps
Barium	137-1	10963	11413	11380	11252	2.23	cps
Beryllium	9-1	12892	12495	12649	12679	1.58	cps
Bismuth	209-1	733561	724993	731201	729918	0.61	cps
Bismuth	209-2	441803	450332	451871	448002	1.21	cps
Boron	10-1	7144	7094	7269	7169	1.26	cps
Boron	11-1	28528	30448	29363	29446	3.27	cps
Cadmium	111-1	5895	5847	5655	5799	2.19	cps
Cadmium	106-1	1217	1300	1183	1233	4.87	cps
Cadmium	108-1	808	800	821	810	1.29	cps
Calcium	43-1	646177	640074	632739	639663	1.05	cps
Calcium	44-1	10383048	10343840	10453054	10393314	0.53	cps
Chromium	52-2	20474	21286	21442	21067	2.47	cps
Cobalt	59-2	13680	13977	14210	13956	1.91	cps
Copper	63-2	10557	10781	10647	10662	1.05	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	0	0	6	173.21	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	8	17	8	11	43.34	cps
Gadolinium	160-2	17	37	20	24	43.83	cps
Holmium	165-1	1277567	1283194	1292351	1284371	0.58	cps
Holmium	165-2	730767	741565	743330	738554	0.92	cps
Indium	115-1	899965	888703	889220	892629	0.71	cps
Indium	115-2	187572	191807	193262	190880	1.55	cps
Iron	56-2	37544555	37448533	37227287	37406792	0.43	cps
Iron	57-2	983280	995621	996351	991751	0.74	cps
Krypton	83-1	53	47	57	52	9.75	cps
Lead	206-1	21006	20667	20872	20848	0.82	cps
Lead	207-1	18241	17996	16861	17699	4.16	cps
Lead	208-1	83281	81192	80965	81813	1.56	cps
Lithium	6-1	767395	758503	764002	763300	0.59	cps
Magnesium	24-2	5219164	5208135	5202543	5209947	0.16	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:27:33	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8506	8463	8826	8598	2.31	cps
Molybdenum	94-1	853175	837469	843837	844827	0.94	cps
Molybdenum	95-1	1388596	1374918	1384368	1382627	0.51	cps
Molybdenum	96-1	1493974	1489860	1496183	1493339	0.21	cps
Molybdenum	97-1	851180	839874	849586	846880	0.72	cps
Molybdenum	98-1	2187289	2202147	2230613	2206683	1.00	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	3947	4047	3891	3962	2.00	cps
Phosphorus	31-2	120879	121936	121290	121368	0.44	cps
Potassium	39-2	4618939	4580633	4552496	4584023	0.73	cps
Rhodium	103-1	842247	834665	845308	840740	0.65	cps
Rhodium	103-2	420568	424376	427504	424149	0.82	cps
Scandium	45-1	1101110	1081367	1092450	1091642	0.91	cps
Scandium	45-2	51071	50763	52533	51456	1.84	cps
Selenium	77-2	20	37	10	22	60.63	cps
Selenium	78-2	117	122	111	117	4.76	cps
Selenium	82-1	570	599	580	583	2.51	cps
Silicon	28-1	163645	160174	159617	161145	1.35	cps
Silver	109-1	23787	22544	23328	23220	2.71	cps
Silver	107-1	24188	24005	23721	23971	0.98	cps
Sodium	23-2	10909827	10847650	10888333	10881937	0.29	cps
Strontium	86-1	43684	44695	45005	44461	1.55	cps
Strontium	88-1	378356	376438	377683	377492	0.26	cps
Sulfur	34-1	1304611	1288917	1276483	1290004	1.09	cps
Terbium	159-1	1310346	1313773	1336645	1320255	1.08	cps
Terbium	159-2	720687	729556	733500	727914	0.90	cps
Thallium	203-1	20158	19690	19548	19799	1.61	cps
Thallium	205-1	47720	47176	46575	47157	1.21	cps
Thorium	232-1	289	272	344	302	12.53	cps
Tin	118-1	49170	49421	46762	48451	3.03	cps
Titanium	47-1	589771	584372	583794	585979	0.56	cps
Uranium	238-1	234268	231417	234530	233405	0.74	cps
Vanadium	51-2	8956	9456	9290	9234	2.76	cps
Yttrium	89-1	1276878	1268341	1282678	1275966	0.57	cps
Yttrium	89-2	196378	196638	198423	197147	0.56	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:27:33	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1980	2127	2217	2108	5.67	cps
Zirconium	90-1	133081	129396	128992	130490	1.73	cps
Zirconium	91-1	29891	29581	30099	29857	0.87	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : CCV50 Instrumnet Name : P7
 Client Sample ID : CCV50 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:31:10 DataFile Name : 016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1223914	1241966	1242327	1236069	0.85	cps
Antimony	121-1	558695	545790	539290	547925	1.80	cps
Arsenic	75-1	149730	148794	147906	148810	0.61	cps
Barium	135-1	762753	745465	746156	751458	1.30	cps
Barium	137-1	1275860	1266309	1267038	1269736	0.42	cps
Beryllium	9-1	313786	310284	309353	311141	0.75	cps
Bismuth	209-1	711642	720262	700585	710829	1.39	cps
Bismuth	209-2	432893	443514	442694	439700	1.34	cps
Boron	10-1	55503	56389	56080	55991	0.80	cps
Boron	11-1	230298	232658	230789	231248	0.54	cps
Cadmium	111-1	154771	151668	150343	152261	1.49	cps
Cadmium	106-1	18488	18129	17795	18137	1.91	cps
Cadmium	108-1	12059	12076	12285	12140	1.03	cps
Calcium	43-1	1535471	1541454	1532577	1536501	0.29	cps
Calcium	44-1	25237719	25337840	25237583	25271047	0.23	cps
Chromium	52-2	264240	268612	270002	267618	1.12	cps
Cobalt	59-2	329124	334122	338095	333780	1.35	cps
Copper	63-2	410254	417089	419242	415528	1.13	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	13	27	20	20	33.35	cps
Erbium	164-1	8	25	0	11	114.58	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	30	40	27	32	21.53	cps
Holmium	165-1	1271888	1308825	1282657	1287790	1.48	cps
Holmium	165-2	738561	752371	740290	743741	1.01	cps
Indium	115-1	879899	890980	882889	884589	0.65	cps
Indium	115-2	189453	192177	190882	190837	0.71	cps
Iron	56-2	46208476	46572441	46240358	46340425	0.43	cps
Iron	57-2	1234183	1256430	1251618	1247410	0.94	cps
Krypton	83-1	30	37	80	49	55.53	cps
Lead	206-1	418620	413089	411037	414249	0.95	cps
Lead	207-1	382804	371189	372793	375595	1.68	cps
Lead	208-1	1700462	1673828	1687966	1687419	0.79	cps
Lithium	6-1	762538	776544	765053	768045	0.97	cps
Magnesium	24-2	12767925	12857968	12792486	12806126	0.36	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:31:10	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	310430	317208	317024	314887	1.23	cps
Molybdenum	94-1	1519950	1519760	1516768	1518826	0.12	cps
Molybdenum	95-1	1853967	1852011	1845705	1850561	0.23	cps
Molybdenum	96-1	2061554	2049776	2040707	2050679	0.51	cps
Molybdenum	97-1	1135943	1123274	1118305	1125841	0.81	cps
Molybdenum	98-1	2963934	2945942	2931627	2947168	0.55	cps
Neodymium	150-1	67	60	93	73	24.06	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	76498	78364	79943	78269	2.20	cps
Phosphorus	31-2	12698	13198	12347	12748	3.35	cps
Potassium	39-2	5734473	5767514	5771660	5757882	0.35	cps
Rhodium	103-1	818568	835358	817164	823697	1.23	cps
Rhodium	103-2	409132	419588	418244	415655	1.37	cps
Scandium	45-1	1081508	1110178	1088319	1093335	1.37	cps
Scandium	45-2	52663	53620	53256	53180	0.91	cps
Selenium	77-2	643	777	677	699	9.93	cps
Selenium	78-2	2413	2461	2387	2421	1.55	cps
Selenium	82-1	14481	14270	14076	14276	1.42	cps
Silicon	28-1	811150	812329	805747	809742	0.43	cps
Silver	109-1	668122	665078	655097	662766	1.03	cps
Silver	107-1	702493	694613	690171	695759	0.90	cps
Sodium	23-2	26598770	26782065	26837060	26739298	0.47	cps
Strontium	86-1	247439	241338	239576	242784	1.70	cps
Strontium	88-1	2034035	2017178	2029492	2026902	0.43	cps
Sulfur	34-1	208666	207949	204915	207176	0.96	cps
Terbium	159-1	1317609	1337744	1315028	1323460	0.94	cps
Terbium	159-2	728167	736175	740616	734986	0.86	cps
Thallium	203-1	504928	493689	493363	497327	1.32	cps
Thallium	205-1	1195361	1182566	1183054	1186994	0.61	cps
Thorium	232-1	2306991	2281247	2270184	2286141	0.83	cps
Tin	118-1	463891	448790	449085	453922	1.90	cps
Titanium	47-1	721948	718318	713308	717858	0.60	cps
Uranium	238-1	2284767	2265907	2275755	2275476	0.41	cps
Vanadium	51-2	231934	234763	236711	234469	1.02	cps
Yttrium	89-1	1251843	1295673	1274726	1274081	1.72	cps
Yttrium	89-2	197855	202742	202147	200914	1.33	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:31:10	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	66544	67693	68801	67679	1.67	cps
Zirconium	90-1	1271127	1261141	1265719	1265996	0.39	cps
Zirconium	91-1	282565	278021	281163	280583	0.83	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : CCB50 Instrumnet Name : P7
 Client Sample ID : CCB50 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:34:48 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	25	47	44.41	cps
Antimony	121-1	542	583	533	553	4.85	cps
Arsenic	75-1	-26	-43	-41	-37	-24.92	cps
Barium	135-1	92	50	50	64	37.66	cps
Barium	137-1	33	100	58	64	52.72	cps
Beryllium	9-1	70	47	83	67	27.83	cps
Bismuth	209-1	800122	764081	772368	778857	2.42	cps
Bismuth	209-2	477604	477323	483695	479541	0.75	cps
Boron	10-1	2650	2367	2075	2364	12.16	cps
Boron	11-1	9954	10396	9837	10062	2.93	cps
Cadmium	111-1	237	338	319	298	18.13	cps
Cadmium	106-1	317	442	408	389	16.65	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	167	100	217	161	36.33	cps
Calcium	44-1	4851	3992	3817	4220	13.11	cps
Chromium	52-2	200	213	197	203	4.34	cps
Cobalt	59-2	20	23	13	19	26.96	cps
Copper	63-2	140	163	123	142	14.13	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	0	8	100.02	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	0	17	0	6	173.21	cps
Gadolinium	160-2	17	37	13	22	56.80	cps
Holmium	165-1	1279029	1260101	1270287	1269805	0.75	cps
Holmium	165-2	721824	721743	732937	725501	0.89	cps
Indium	115-1	950917	914211	916910	927346	2.21	cps
Indium	115-2	198043	198700	200689	199144	0.69	cps
Iron	56-2	3845	3289	3000	3378	12.71	cps
Iron	57-2	78	89	78	81	7.87	cps
Krypton	83-1	70	50	57	59	17.29	cps
Lead	206-1	189	167	161	172	8.54	cps
Lead	207-1	106	183	83	124	42.32	cps
Lead	208-1	678	617	633	643	4.92	cps
Lithium	6-1	790633	777990	781468	783364	0.83	cps
Magnesium	24-2	742	533	600	625	17.02	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:34:48	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	20	13	13	49.99	cps
Molybdenum	94-1	375	283	258	306	20.10	cps
Molybdenum	95-1	367	367	417	383	7.53	cps
Molybdenum	96-1	492	508	333	444	21.73	cps
Molybdenum	97-1	233	175	175	194	17.32	cps
Molybdenum	98-1	433	658	458	517	23.87	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	10	13	10	11	17.30	cps
Phosphorus	31-2	17	25	25	22	21.64	cps
Potassium	39-2	5209	5276	5043	5176	2.32	cps
Rhodium	103-1	939575	919429	911442	923482	1.57	cps
Rhodium	103-2	456991	457040	460821	458284	0.48	cps
Scandium	45-1	1144799	1132001	1126286	1134362	0.84	cps
Scandium	45-2	52570	52834	52954	52786	0.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	17	13	17	22.23	cps
Selenium	82-1	7	27	15	16	62.74	cps
Silicon	28-1	50988	48898	48437	49441	2.75	cps
Silver	109-1	108	50	50	69	48.50	cps
Silver	107-1	83	75	117	92	24.05	cps
Sodium	23-2	9128	8236	8153	8505	6.36	cps
Strontium	86-1	92	117	83	97	17.84	cps
Strontium	88-1	183	125	200	169	23.24	cps
Sulfur	34-1	86677	87799	86593	87023	0.77	cps
Terbium	159-1	1323542	1318160	1308070	1316591	0.60	cps
Terbium	159-2	721512	721380	721257	721383	0.02	cps
Thallium	203-1	258	208	125	197	34.15	cps
Thallium	205-1	558	350	342	417	29.46	cps
Thorium	232-1	422	411	356	396	9.01	cps
Tin	118-1	150	100	183	144	29.03	cps
Titanium	47-1	100	58	108	89	30.13	cps
Uranium	238-1	183	175	92	150	33.79	cps
Vanadium	51-2	23	20	3	16	68.90	cps
Yttrium	89-1	1297213	1299914	1293598	1296908	0.24	cps
Yttrium	89-2	201734	199478	203361	201524	0.97	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:34:48	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	37	27	30	31	16.37	cps
Zirconium	90-1	233	275	225	244	10.96	cps
Zirconium	91-1	42	50	92	61	43.83	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:38:25 DataFile Name : 018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	533	517	472	19.44	cps
Antimony	121-1	2467	2317	2109	2298	7.83	cps
Arsenic	75-1	192	209	48	150	58.91	cps
Barium	135-1	2884	2984	2867	2912	2.17	cps
Barium	137-1	5293	4609	5126	5009	7.12	cps
Beryllium	9-1	590	790	753	711	14.97	cps
Bismuth	209-1	792445	782718	777353	784172	0.98	cps
Bismuth	209-2	482532	495467	485320	487773	1.40	cps
Boron	10-1	3917	4101	4159	4059	3.11	cps
Boron	11-1	17327	16318	17119	16921	3.15	cps
Cadmium	111-1	554	478	600	544	11.34	cps
Cadmium	106-1	400	325	458	394	16.95	cps
Cadmium	108-1	25	29	42	32	27.15	cps
Calcium	43-1	3109	3351	3275	3245	3.81	cps
Calcium	44-1	56191	53798	55430	55140	2.22	cps
Chromium	52-2	1167	1180	1283	1210	5.28	cps
Cobalt	59-2	680	690	607	659	6.91	cps
Copper	63-2	890	967	863	907	5.92	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	8	0	3	173.21	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	0	0	8	3	173.21	cps
Gadolinium	160-2	17	23	20	20	16.65	cps
Holmium	165-1	1287191	1286129	1292946	1288755	0.28	cps
Holmium	165-2	733466	741721	743905	739697	0.74	cps
Indium	115-1	955579	938013	934914	942835	1.18	cps
Indium	115-2	201666	205469	203102	203412	0.94	cps
Iron	56-2	22868	23124	22568	22853	1.22	cps
Iron	57-2	544	639	617	600	8.23	cps
Krypton	83-1	50	40	33	41	20.41	cps
Lead	206-1	778	844	1028	883	14.66	cps
Lead	207-1	822	728	861	804	8.53	cps
Lead	208-1	3534	3589	3778	3634	3.53	cps
Lithium	6-1	808993	798898	808702	805531	0.71	cps
Magnesium	24-2	28653	28803	29246	28901	1.07	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:38:25	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	337	373	360	357	5.20	cps
Molybdenum	94-1	3167	2700	3134	3000	8.68	cps
Molybdenum	95-1	3451	3659	3884	3665	5.92	cps
Molybdenum	96-1	4117	3851	3984	3984	3.35	cps
Molybdenum	97-1	2217	2392	2300	2303	3.80	cps
Molybdenum	98-1	5668	5776	6068	5838	3.55	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	213	197	187	17.59	cps
Phosphorus	31-2	75	117	92	94	22.21	cps
Potassium	39-2	29163	28520	28720	28801	1.14	cps
Rhodium	103-1	955819	931329	939857	942335	1.32	cps
Rhodium	103-2	462239	470553	467749	466847	0.91	cps
Scandium	45-1	1177697	1156740	1164535	1166324	0.91	cps
Scandium	45-2	54306	55059	55239	54868	0.90	cps
Selenium	77-2	20	3	7	10	88.20	cps
Selenium	78-2	44	33	48	42	18.37	cps
Selenium	82-1	169	175	193	179	6.99	cps
Silicon	28-1	63545	62531	62013	62696	1.24	cps
Silver	109-1	1250	1325	1325	1300	3.33	cps
Silver	107-1	1408	1317	1433	1386	4.43	cps
Sodium	23-2	61569	63769	64983	63440	2.73	cps
Strontium	86-1	625	592	575	597	4.26	cps
Strontium	88-1	3592	3784	3776	3717	2.92	cps
Sulfur	34-1	92671	95438	94415	94175	1.49	cps
Terbium	159-1	1340530	1326675	1337856	1335020	0.55	cps
Terbium	159-2	725568	738036	740453	734686	1.09	cps
Thallium	203-1	992	1100	1292	1128	13.47	cps
Thallium	205-1	2375	2625	2567	2523	5.19	cps
Thorium	232-1	4040	4167	4362	4190	3.87	cps
Tin	118-1	4901	4718	4518	4712	4.07	cps
Titanium	47-1	1659	1542	1717	1639	5.44	cps
Uranium	238-1	4168	4309	4084	4187	2.72	cps
Vanadium	51-2	2390	2514	2350	2418	3.52	cps
Yttrium	89-1	1326142	1320360	1335644	1327382	0.58	cps
Yttrium	89-2	202036	207339	206960	205445	1.44	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:38:25	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	130	177	160	156	15.20	cps
Zirconium	90-1	2575	2409	2525	2503	3.42	cps
Zirconium	91-1	683	592	533	603	12.54	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : PB121667BL Instrumnet Name : P7
 Client Sample ID : PB121667BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:42:01 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	0	8	100.02	cps
Antimony	121-1	108	92	83	94	13.48	cps
Arsenic	75-1	-53	-67	-103	-74	-34.80	cps
Barium	135-1	0	0	0	0	0.00	cps
Barium	137-1	8	0	0	3	173.21	cps
Beryllium	9-1	43	57	33	44	26.35	cps
Bismuth	209-1	781699	773765	772032	775832	0.66	cps
Bismuth	209-2	470402	476326	479157	475295	0.94	cps
Boron	10-1	1117	1067	1158	1114	4.12	cps
Boron	11-1	4359	4192	4242	4265	2.01	cps
Cadmium	111-1	303	213	312	276	19.94	cps
Cadmium	106-1	433	292	433	386	21.18	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	42	0	17	19	107.85	cps
Calcium	44-1	2592	2534	2625	2584	1.80	cps
Chromium	52-2	157	183	197	179	11.39	cps
Cobalt	59-2	7	17	0	8	107.84	cps
Copper	63-2	77	93	57	76	24.29	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	8	0	0	3	173.21	cps
Gadolinium	160-2	20	20	20	20	0.00	cps
Holmium	165-1	1280008	1284851	1287567	1284142	0.30	cps
Holmium	165-2	718848	721548	734285	724894	1.14	cps
Indium	115-1	949436	931620	938397	939818	0.96	cps
Indium	115-2	198935	202901	202312	201383	1.06	cps
Iron	56-2	906	939	995	946	4.75	cps
Iron	57-2	44	33	44	41	15.76	cps
Krypton	83-1	37	37	43	39	9.89	cps
Lead	206-1	89	67	122	93	30.20	cps
Lead	207-1	94	67	72	78	18.90	cps
Lead	208-1	417	361	389	389	7.14	cps
Lithium	6-1	822322	809204	812926	814818	0.83	cps
Magnesium	24-2	8	42	17	22	78.07	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	PB121667BL	Instrumnet Name :	P7
Client Sample ID :	PB121667BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:42:01	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	0	7	4	86.60	cps
Molybdenum	94-1	92	42	133	89	51.63	cps
Molybdenum	95-1	83	17	67	56	62.45	cps
Molybdenum	96-1	58	75	92	75	22.22	cps
Molybdenum	97-1	58	17	25	33	66.14	cps
Molybdenum	98-1	75	83	50	69	24.98	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	3	17	0	7	132.33	cps
Phosphorus	31-2	17	50	8	25	88.19	cps
Potassium	39-2	4626	4626	4342	4531	3.61	cps
Rhodium	103-1	953403	933951	946775	944710	1.05	cps
Rhodium	103-2	457245	464163	463402	461603	0.82	cps
Scandium	45-1	1173452	1162005	1175652	1170369	0.63	cps
Scandium	45-2	52884	54584	53657	53708	1.58	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	22	17	13	17	26.96	cps
Selenium	82-1	45	41	31	39	18.76	cps
Silicon	28-1	48822	48312	49274	48803	0.99	cps
Silver	109-1	25	8	0	11	114.58	cps
Silver	107-1	42	33	8	28	62.46	cps
Sodium	23-2	5351	5209	5568	5376	3.36	cps
Strontium	86-1	58	83	50	64	27.15	cps
Strontium	88-1	17	8	33	19	65.47	cps
Sulfur	34-1	97149	96427	96420	96665	0.43	cps
Terbium	159-1	1327378	1329957	1347485	1334940	0.82	cps
Terbium	159-2	713277	723718	719611	718869	0.73	cps
Thallium	203-1	42	25	42	36	26.65	cps
Thallium	205-1	117	167	117	133	21.65	cps
Thorium	232-1	67	89	94	83	17.64	cps
Tin	118-1	67	108	75	83	26.46	cps
Titanium	47-1	8	75	33	39	86.61	cps
Uranium	238-1	0	0	0	0	0.00	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Yttrium	89-1	1334747	1330010	1344828	1336528	0.57	cps
Yttrium	89-2	201660	204103	202379	202714	0.62	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	PB121667BL	Instrumnet Name :	P7
Client Sample ID :	PB121667BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:42:01	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	23	17	13	18	28.64	cps
Zirconium	90-1	133	117	108	119	10.66	cps
Zirconium	91-1	8	58	42	36	70.51	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	PB121667BS	Instrumnet Name :	P7
Client Sample ID :	PB121667BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:45:37	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232046	236387	234600	234345	0.93	cps
Antimony	121-1	553169	548643	540693	547502	1.15	cps
Arsenic	75-1	148995	143823	144704	145840	1.90	cps
Barium	135-1	775999	772437	754501	767645	1.50	cps
Barium	137-1	1316010	1323169	1299201	1312794	0.94	cps
Beryllium	9-1	336145	331465	327183	331598	1.35	cps
Bismuth	209-1	758975	748886	747477	751779	0.83	cps
Bismuth	209-2	451785	458137	457593	455838	0.77	cps
Boron	10-1	58012	59635	59184	58944	1.42	cps
Boron	11-1	241381	245332	240781	242498	1.02	cps
Cadmium	111-1	149331	148809	145688	147943	1.33	cps
Cadmium	106-1	17895	18346	17186	17809	3.28	cps
Cadmium	108-1	12256	11605	11738	11866	2.90	cps
Calcium	43-1	342358	339456	331306	337707	1.70	cps
Calcium	44-1	5467828	5415432	5380621	5421293	0.81	cps
Chromium	52-2	262434	267180	267423	265679	1.06	cps
Cobalt	59-2	331426	339414	341211	337350	1.54	cps
Copper	63-2	388097	399221	397931	395083	1.54	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	27	30	23	27	12.51	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	17	8	8	11	43.34	cps
Gadolinium	160-2	7	50	13	23	100.00	cps
Holmium	165-1	1290930	1297698	1295631	1294753	0.27	cps
Holmium	165-2	718835	728289	726988	724704	0.71	cps
Indium	115-1	914415	913331	902325	910024	0.74	cps
Indium	115-2	187672	189004	190105	188927	0.64	cps
Iron	56-2	9551729	9602303	9666214	9606749	0.60	cps
Iron	57-2	244583	247181	248259	246674	0.77	cps
Krypton	83-1	27	50	43	40	30.04	cps
Lead	206-1	431105	433058	427569	430578	0.65	cps
Lead	207-1	391433	392261	388158	390617	0.56	cps
Lead	208-1	1769588	1772872	1760833	1767764	0.35	cps
Lithium	6-1	806242	800915	793680	800279	0.79	cps
Magnesium	24-2	2681134	2688943	2700756	2690278	0.37	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : PB121667BS Instrumnet Name : P7
 Client Sample ID : PB121667BS Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:45:37 DataFile Name : 020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	314193	318590	319844	317542	0.93	cps
Molybdenum	94-1	1547959	1558285	1536437	1547560	0.71	cps
Molybdenum	95-1	1912195	1905434	1871278	1896302	1.16	cps
Molybdenum	96-1	2099902	2105811	2074122	2093278	0.81	cps
Molybdenum	97-1	1163428	1159415	1129013	1150619	1.64	cps
Molybdenum	98-1	3011184	3030554	2992355	3011365	0.63	cps
Neodymium	150-1	67	27	87	60	50.91	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	79678	80224	80610	80171	0.58	cps
Phosphorus	31-2	12964	13090	12881	12978	0.81	cps
Potassium	39-2	1174054	1192568	1192477	1186367	0.90	cps
Rhodium	103-1	887319	874845	856964	873043	1.75	cps
Rhodium	103-2	426840	430754	430308	429301	0.50	cps
Scandium	45-1	1122617	1107204	1095790	1108537	1.21	cps
Scandium	45-2	51439	52379	51583	51800	0.98	cps
Selenium	77-2	733	747	797	759	4.40	cps
Selenium	78-2	2350	2421	2313	2361	2.31	cps
Selenium	82-1	15216	15043	14626	14962	2.03	cps
Silicon	28-1	885654	878575	875139	879789	0.61	cps
Silver	109-1	660473	642630	644302	649135	1.52	cps
Silver	107-1	689947	681397	669723	680356	1.49	cps
Sodium	23-2	5556731	5579078	5570107	5568638	0.20	cps
Strontium	86-1	242073	237769	232878	237573	1.94	cps
Strontium	88-1	1990082	1994478	2001970	1995510	0.30	cps
Sulfur	34-1	217971	214268	207240	213160	2.56	cps
Terbium	159-1	1328989	1339448	1333485	1333974	0.39	cps
Terbium	159-2	711565	718666	717851	716028	0.54	cps
Thallium	203-1	523323	518215	514019	518519	0.90	cps
Thallium	205-1	1239139	1251183	1242169	1244164	0.50	cps
Thorium	232-1	2301528	2332764	2283485	2305926	1.08	cps
Tin	118-1	475068	474208	462377	470551	1.51	cps
Titanium	47-1	740447	732146	719650	730748	1.43	cps
Uranium	238-1	2274925	2308277	2272140	2285114	0.88	cps
Vanadium	51-2	229265	233670	234073	232336	1.15	cps
Yttrium	89-1	1295617	1295327	1283778	1291574	0.52	cps
Yttrium	89-2	194234	193368	193852	193818	0.22	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	PB121667BS	Instrumnet Name :	P7
Client Sample ID :	PB121667BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:45:37	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	63963	65406	65573	64981	1.36	cps
Zirconium	90-1	1295194	1292846	1280119	1289387	0.63	cps
Zirconium	91-1	286881	283508	280755	283715	1.08	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : K3766-08 Instrumnet Name : P7
 Client Sample ID : MA52S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:49:13 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	50	142	111	47.63	cps
Antimony	121-1	250	325	325	300	14.43	cps
Arsenic	75-1	1177	1009	1216	1134	9.73	cps
Barium	135-1	42	50	50	47	10.18	cps
Barium	137-1	175	158	108	147	23.57	cps
Beryllium	9-1	100	40	63	68	44.63	cps
Bismuth	209-1	922917	916331	922575	920608	0.40	cps
Bismuth	209-2	535363	539289	527800	534151	1.09	cps
Boron	10-1	2834	2434	2400	2556	9.44	cps
Boron	11-1	11004	11004	10337	10782	3.57	cps
Cadmium	111-1	361	326	341	343	5.19	cps
Cadmium	106-1	467	442	433	447	3.88	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	167	167	100	144	26.65	cps
Calcium	44-1	5151	4984	4659	4932	5.07	cps
Chromium	52-2	247	253	253	251	1.53	cps
Cobalt	59-2	37	37	17	30	38.49	cps
Copper	63-2	1050	1217	1110	1126	7.50	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	8	0	3	173.21	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	0	8	8	6	86.60	cps
Gadolinium	160-2	17	20	13	17	20.01	cps
Holmium	165-1	1519226	1509185	1507383	1511931	0.42	cps
Holmium	165-2	814388	813024	812264	813225	0.13	cps
Indium	115-1	1084680	1070231	1071683	1075531	0.74	cps
Indium	115-2	223710	222324	222372	222802	0.35	cps
Iron	56-2	2150	2117	2239	2169	2.91	cps
Iron	57-2	44	83	72	67	30.04	cps
Krypton	83-1	47	40	53	47	14.28	cps
Lead	206-1	344	283	261	296	14.56	cps
Lead	207-1	372	311	261	315	17.68	cps
Lead	208-1	1328	1261	1067	1219	11.13	cps
Lithium	6-1	951632	939521	933565	941573	0.98	cps
Magnesium	24-2	400	333	383	372	9.32	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3766-08	Instrumnet Name :	P7
Client Sample ID :	MA52S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:49:13	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	177	187	193	186	4.52	cps
Molybdenum	94-1	392	267	175	278	39.15	cps
Molybdenum	95-1	358	300	275	311	13.75	cps
Molybdenum	96-1	417	400	400	406	2.37	cps
Molybdenum	97-1	242	208	150	200	23.20	cps
Molybdenum	98-1	767	492	508	589	26.18	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	50	33	41	20.41	cps
Phosphorus	31-2	42	50	58	50	16.67	cps
Potassium	39-2	5184	5718	5610	5504	5.12	cps
Rhodium	103-1	1098448	1087808	1079154	1088470	0.89	cps
Rhodium	103-2	519606	516210	513714	516510	0.57	cps
Scandium	45-1	1332330	1302736	1311358	1315475	1.16	cps
Scandium	45-2	60219	59713	59583	59838	0.56	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	15	6	13	11	44.08	cps
Selenium	82-1	25	48	23	32	42.72	cps
Silicon	28-1	60657	61636	62314	61536	1.35	cps
Silver	109-1	133	92	117	114	18.41	cps
Silver	107-1	175	183	192	183	4.55	cps
Sodium	23-2	9887	9812	9945	9881	0.68	cps
Strontium	86-1	142	108	42	97	52.37	cps
Strontium	88-1	458	433	375	422	10.13	cps
Sulfur	34-1	82118	82931	81899	82316	0.66	cps
Terbium	159-1	1569006	1557943	1556672	1561207	0.43	cps
Terbium	159-2	810852	811061	804209	808707	0.48	cps
Thallium	203-1	325	467	267	353	29.16	cps
Thallium	205-1	1000	633	600	745	29.81	cps
Thorium	232-1	372	339	244	319	20.81	cps
Tin	118-1	433	358	325	372	14.91	cps
Titanium	47-1	125	58	117	100	36.32	cps
Uranium	238-1	300	192	150	214	36.20	cps
Vanadium	51-2	37	43	20	33	36.05	cps
Yttrium	89-1	1542838	1538610	1536405	1539284	0.21	cps
Yttrium	89-2	224193	226081	224817	225030	0.43	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3766-08	Instrumnet Name :	P7
Client Sample ID :	MA52S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:49:13	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	333	303	350	329	7.19	cps
Zirconium	90-1	183	242	233	219	14.38	cps
Zirconium	91-1	58	67	25	50	44.10	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : K3766-20 Instrumnet Name : P7
 Client Sample ID : MA52H3 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 18:52:50 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	800486	801086	802425	801332	0.12	cps
Antimony	121-1	417	375	358	383	7.84	cps
Arsenic	75-1	4580	4874	4496	4650	4.27	cps
Barium	135-1	52918	51111	52884	52305	1.98	cps
Barium	137-1	90679	90109	91737	90841	0.91	cps
Beryllium	9-1	1350	1333	1363	1349	1.11	cps
Bismuth	209-1	801132	785938	791843	792971	0.97	cps
Bismuth	209-2	480183	476681	476903	477922	0.41	cps
Boron	10-1	2017	1859	1825	1900	5.39	cps
Boron	11-1	7952	7944	8036	7977	0.64	cps
Cadmium	111-1	350	414	298	354	16.50	cps
Cadmium	106-1	408	475	367	417	13.12	cps
Cadmium	108-1	21	8	25	18	48.05	cps
Calcium	43-1	35518	35552	35493	35521	0.08	cps
Calcium	44-1	575411	572919	575307	574546	0.25	cps
Chromium	52-2	165115	164657	166652	165475	0.63	cps
Cobalt	59-2	7352	7249	7319	7306	0.72	cps
Copper	63-2	66584	68392	68543	67840	1.61	cps
Dysprosium	156-1	8495	8653	8219	8456	2.59	cps
Dysprosium	156-2	5014	4834	4794	4881	2.40	cps
Erbium	164-1	5451	5768	5751	5657	3.15	cps
Erbium	164-2	3057	3004	3007	3023	0.99	cps
Gadolinium	160-1	6444	6752	6385	6527	3.02	cps
Gadolinium	160-2	4147	3927	3971	4015	2.90	cps
Holmium	165-1	1342278	1330825	1350157	1341087	0.72	cps
Holmium	165-2	750741	749770	752820	751110	0.21	cps
Indium	115-1	967113	951555	957902	958857	0.82	cps
Indium	115-2	203490	206743	205023	205086	0.79	cps
Iron	56-2	9646860	9600271	9670605	9639245	0.37	cps
Iron	57-2	239709	242720	242686	241705	0.72	cps
Krypton	83-1	53	57	37	49	21.91	cps
Lead	206-1	31588	31070	30073	30911	2.49	cps
Lead	207-1	26204	25124	24980	25436	2.63	cps
Lead	208-1	122522	120120	119715	120786	1.26	cps
Lithium	6-1	867397	863501	872777	867892	0.54	cps
Magnesium	24-2	412751	415834	416584	415056	0.49	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3766-20	Instrumnet Name :	P7
Client Sample ID :	MA52H3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:52:50	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	89252	90094	89896	89747	0.49	cps
Molybdenum	94-1	858	858	983	900	8.02	cps
Molybdenum	95-1	633	675	708	672	5.59	cps
Molybdenum	96-1	892	883	867	881	1.45	cps
Molybdenum	97-1	400	325	408	378	12.15	cps
Molybdenum	98-1	1233	867	1092	1064	17.38	cps
Neodymium	150-1	13487	13220	13827	13511	2.25	cps
Neodymium	150-2	5688	5888	6008	5861	2.76	cps
Nickel	60-2	7295	7259	7332	7295	0.50	cps
Phosphorus	31-2	642	692	642	658	4.38	cps
Potassium	39-2	200808	201747	201043	201199	0.24	cps
Rhodium	103-1	963804	949617	967776	960399	0.99	cps
Rhodium	103-2	475901	477982	476335	476739	0.23	cps
Scandium	45-1	1231807	1226262	1246267	1234778	0.84	cps
Scandium	45-2	58124	57688	57853	57888	0.38	cps
Selenium	77-2	27	47	27	33	34.64	cps
Selenium	78-2	30	35	50	38	27.51	cps
Selenium	82-1	78	48	100	75	34.64	cps
Silicon	28-1	970620	992031	992497	985049	1.27	cps
Silver	109-1	508	525	358	464	19.79	cps
Silver	107-1	300	292	358	317	11.47	cps
Sodium	23-2	67318	67653	67653	67541	0.29	cps
Strontium	86-1	20482	20148	20749	20460	1.47	cps
Strontium	88-1	173453	170098	173699	172417	1.17	cps
Sulfur	34-1	101192	98466	99406	99688	1.39	cps
Terbium	159-1	1369486	1370641	1400139	1380089	1.26	cps
Terbium	159-2	741402	745041	743853	743432	0.25	cps
Thallium	203-1	633	575	542	583	7.95	cps
Thallium	205-1	1483	1067	1233	1261	16.63	cps
Thorium	232-1	5140	4851	4901	4964	3.11	cps
Tin	118-1	3776	3842	3751	3790	1.25	cps
Titanium	47-1	205200	203704	207560	205488	0.95	cps
Uranium	238-1	27956	26353	26962	27090	2.99	cps
Vanadium	51-2	23098	23239	23192	23176	0.31	cps
Yttrium	89-1	1450639	1457560	1481308	1463169	1.10	cps
Yttrium	89-2	223404	227149	224072	224875	0.89	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3766-20	Instrumnet Name :	P7
Client Sample ID :	MA52H3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:52:50	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5268	5394	5491	5384	2.08	cps
Zirconium	90-1	1634	1500	1433	1522	6.69	cps
Zirconium	91-1	283	400	425	369	20.47	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3766-21	Instrumnet Name :	P7
Client Sample ID :	MA52H4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:56:26	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	364727	375168	368594	369497	1.43	cps
Antimony	121-1	183	158	250	197	24.03	cps
Arsenic	75-1	2589	2972	3102	2888	9.23	cps
Barium	135-1	15710	15242	15709	15554	1.73	cps
Barium	137-1	26802	27019	25700	26507	2.67	cps
Beryllium	9-1	780	863	753	799	7.18	cps
Bismuth	209-1	795007	796253	780113	790458	1.14	cps
Bismuth	209-2	480701	484446	485248	483465	0.50	cps
Boron	10-1	1367	1233	1242	1281	5.83	cps
Boron	11-1	5368	4859	4943	5057	5.39	cps
Cadmium	111-1	333	375	319	342	8.41	cps
Cadmium	106-1	425	450	408	428	4.90	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	11021	10371	11005	10799	3.43	cps
Calcium	44-1	181184	177646	178701	179177	1.01	cps
Chromium	52-2	15492	15919	15989	15800	1.70	cps
Cobalt	59-2	2514	2460	2594	2522	2.66	cps
Copper	63-2	2217	2354	2297	2289	3.00	cps
Dysprosium	156-1	3417	3534	3276	3409	3.80	cps
Dysprosium	156-2	1934	1927	2014	1958	2.46	cps
Erbium	164-1	2409	2559	2375	2448	3.99	cps
Erbium	164-2	1183	1407	1243	1278	9.05	cps
Gadolinium	160-1	2534	2509	2650	2564	2.95	cps
Gadolinium	160-2	1603	1567	1773	1648	6.69	cps
Holmium	165-1	1299737	1341865	1348147	1329916	1.98	cps
Holmium	165-2	747256	747596	747808	747553	0.04	cps
Indium	115-1	945029	963613	958644	955762	1.01	cps
Indium	115-2	206027	208173	209182	207794	0.78	cps
Iron	56-2	4300232	4339402	4321811	4320482	0.45	cps
Iron	57-2	107060	108352	107099	107504	0.68	cps
Krypton	83-1	43	53	63	53	18.75	cps
Lead	206-1	21190	20900	20522	20871	1.61	cps
Lead	207-1	16806	17478	17145	17143	1.96	cps
Lead	208-1	80070	81415	81110	80865	0.87	cps
Lithium	6-1	858514	874365	872775	868551	1.00	cps
Magnesium	24-2	177228	182204	179825	179752	1.38	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3766-21	Instrumnet Name :	P7
Client Sample ID :	MA52H4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:56:26	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22714	22651	22698	22688	0.15	cps
Molybdenum	94-1	358	350	367	358	2.33	cps
Molybdenum	95-1	217	308	367	297	25.44	cps
Molybdenum	96-1	550	433	392	458	17.91	cps
Molybdenum	97-1	258	217	158	211	23.79	cps
Molybdenum	98-1	508	433	367	436	16.25	cps
Neodymium	150-1	5308	5555	5168	5343	3.67	cps
Neodymium	150-2	2180	2127	2397	2235	6.40	cps
Nickel	60-2	2640	2630	2710	2660	1.64	cps
Phosphorus	31-2	450	475	525	483	7.90	cps
Potassium	39-2	43423	45245	45880	44849	2.84	cps
Rhodium	103-1	982667	982208	975075	979983	0.43	cps
Rhodium	103-2	479478	490614	485196	485096	1.15	cps
Scandium	45-1	1261274	1246770	1251777	1253274	0.59	cps
Scandium	45-2	57979	58743	57939	58220	0.78	cps
Selenium	77-2	17	10	10	12	31.50	cps
Selenium	78-2	43	31	39	38	15.02	cps
Selenium	82-1	88	74	45	69	31.27	cps
Silicon	28-1	803683	837005	853493	831394	3.05	cps
Silver	109-1	308	225	175	236	28.53	cps
Silver	107-1	275	317	217	269	18.64	cps
Sodium	23-2	27626	29113	28895	28545	2.81	cps
Strontium	86-1	6535	6718	6785	6680	1.94	cps
Strontium	88-1	57684	58553	58286	58174	0.77	cps
Sulfur	34-1	126041	85897	85168	99035	23.62	cps
Terbium	159-1	1355772	1382372	1385016	1374387	1.18	cps
Terbium	159-2	740341	754048	745883	746757	0.92	cps
Thallium	203-1	225	133	217	192	26.45	cps
Thallium	205-1	608	517	442	522	15.98	cps
Thorium	232-1	1822	1839	1895	1852	2.04	cps
Tin	118-1	1117	1267	1275	1220	7.31	cps
Titanium	47-1	77530	81073	79883	79495	2.27	cps
Uranium	238-1	21369	20617	21260	21082	1.93	cps
Vanadium	51-2	8779	8763	9066	8869	1.92	cps
Yttrium	89-1	1433277	1453022	1451871	1446056	0.77	cps
Yttrium	89-2	218086	222336	221225	220549	1.00	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3766-21	Instrumnet Name :	P7
Client Sample ID :	MA52H4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 18:56:26	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1907	1840	1853	1867	1.89	cps
Zirconium	90-1	558	725	475	586	21.72	cps
Zirconium	91-1	133	125	108	122	10.41	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01	Instrumnet Name :	P7
Client Sample ID :	390711736.1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:00:03	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	50	58	58	14.29	cps
Antimony	121-1	50	58	33	47	26.97	cps
Arsenic	75-1	-37	60	196	73	160.81	cps
Barium	135-1	26426	25174	24915	25505	3.17	cps
Barium	137-1	43937	44163	42750	43617	1.74	cps
Beryllium	9-1	53	73	30	52	41.53	cps
Bismuth	209-1	784014	785334	786609	785319	0.17	cps
Bismuth	209-2	410324	404311	478950	431195	9.62	cps
Boron	10-1	4259	4309	4367	4312	1.26	cps
Boron	11-1	19989	19580	19096	19555	2.29	cps
Cadmium	111-1	265	264	253	261	2.46	cps
Cadmium	106-1	367	375	350	364	3.50	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	155695	151149	151183	152676	1.71	cps
Calcium	44-1	2400433	2394000	2387123	2393852	0.28	cps
Chromium	52-2	220	297	240	252	15.77	cps
Cobalt	59-2	10	10	20	13	43.30	cps
Copper	63-2	680	610	513	601	13.92	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	0	0	10	3	173.21	cps
Gadolinium	160-1	8	0	0	3	173.21	cps
Gadolinium	160-2	17	30	30	26	30.11	cps
Holmium	165-1	1308990	1319730	1331879	1320199	0.87	cps
Holmium	165-2	627735	624835	743736	665435	10.19	cps
Indium	115-1	962705	960805	953313	958941	0.52	cps
Indium	115-2	173864	169356	204251	182490	10.40	cps
Iron	56-2	3155568	3140952	3109940	3135487	0.74	cps
Iron	57-2	79403	79168	78676	79083	0.47	cps
Krypton	83-1	63	63	43	57	20.38	cps
Lead	206-1	72	111	67	83	29.06	cps
Lead	207-1	72	72	67	70	4.55	cps
Lead	208-1	339	372	350	354	4.80	cps
Lithium	6-1	819099	817945	810951	815998	0.54	cps
Magnesium	24-2	221599	224312	221419	222443	0.73	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01	Instrumnet Name :	P7
Client Sample ID :	390711736.1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:00:03	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	35730	36194	36228	36051	0.77	cps
Molybdenum	94-1	75	67	75	72	6.66	cps
Molybdenum	95-1	33	42	67	47	36.74	cps
Molybdenum	96-1	125	100	117	114	11.18	cps
Molybdenum	97-1	58	8	17	28	96.44	cps
Molybdenum	98-1	108	67	58	78	34.44	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	60	53	54	9.35	cps
Phosphorus	31-2	92	100	125	106	16.44	cps
Potassium	39-2	265518	266010	265428	265652	0.12	cps
Rhodium	103-1	968793	943317	948489	953533	1.41	cps
Rhodium	103-2	397948	388997	465627	417524	10.03	cps
Scandium	45-1	1173211	1168124	1158922	1166752	0.62	cps
Scandium	45-2	47174	45123	54768	49022	10.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	11	22	13	65.44	cps
Selenium	82-1	14	19	38	24	52.11	cps
Silicon	28-1	7116277	7061072	7151680	7109676	0.64	cps
Silver	109-1	25	58	58	47	40.76	cps
Silver	107-1	17	67	25	36	74.18	cps
Sodium	23-2	675102	672654	669050	672269	0.45	cps
Strontium	86-1	505146	496696	494174	498672	1.15	cps
Strontium	88-1	4299798	4258757	4310511	4289689	0.64	cps
Sulfur	34-1	208752	205043	205109	206301	1.03	cps
Terbium	159-1	1347164	1367650	1375813	1363542	1.08	cps
Terbium	159-2	620516	621258	738683	660152	10.30	cps
Thallium	203-1	33	25	8	22	57.30	cps
Thallium	205-1	33	33	25	31	15.74	cps
Thorium	232-1	78	94	72	81	14.20	cps
Tin	118-1	67	42	58	56	22.91	cps
Titanium	47-1	83	125	125	111	21.65	cps
Uranium	238-1	8	67	25	33	90.15	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Yttrium	89-1	1359268	1359357	1376225	1364950	0.72	cps
Yttrium	89-2	175483	173559	207020	185354	10.14	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01	Instrumnet Name :	P7
Client Sample ID :	390711736.1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:00:03	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	387	380	363	377	3.19	cps
Zirconium	90-1	175	133	83	131	35.15	cps
Zirconium	91-1	8	33	42	28	62.46	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01DUP	Instrumnet Name :	P7
Client Sample ID :	390711736.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:03:40	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	67	67	64	7.53	cps
Antimony	121-1	42	33	67	47	36.74	cps
Arsenic	75-1	-55	-108	-3	-55	-94.91	cps
Barium	135-1	25750	24748	24631	25043	2.46	cps
Barium	137-1	43920	42575	42031	42842	2.27	cps
Beryllium	9-1	67	37	57	53	28.64	cps
Bismuth	209-1	802224	782787	783812	789608	1.39	cps
Bismuth	209-2	477403	479258	475588	477416	0.38	cps
Boron	10-1	4559	4351	4326	4412	2.90	cps
Boron	11-1	19029	18712	18562	18768	1.27	cps
Cadmium	111-1	328	315	226	289	19.15	cps
Cadmium	106-1	450	450	317	406	18.98	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	151081	148773	147166	149007	1.32	cps
Calcium	44-1	2389871	2365963	2373174	2376336	0.52	cps
Chromium	52-2	240	200	257	232	12.54	cps
Cobalt	59-2	13	20	20	18	21.66	cps
Copper	63-2	530	503	473	502	5.64	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	17	17	0	11	86.60	cps
Gadolinium	160-2	20	27	33	27	24.99	cps
Holmium	165-1	1334453	1325196	1346823	1335491	0.81	cps
Holmium	165-2	736732	737161	738706	737533	0.14	cps
Indium	115-1	977807	947266	956434	960502	1.63	cps
Indium	115-2	202934	204440	202718	203364	0.46	cps
Iron	56-2	3174133	3144135	3136061	3151443	0.64	cps
Iron	57-2	80241	79710	80073	80008	0.34	cps
Krypton	83-1	63	63	60	62	3.09	cps
Lead	206-1	67	72	67	69	4.68	cps
Lead	207-1	56	67	39	54	26.03	cps
Lead	208-1	294	317	233	281	15.33	cps
Lithium	6-1	824957	810153	808011	814373	1.13	cps
Magnesium	24-2	224008	227459	227049	226172	0.83	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01DUP	Instrumnet Name :	P7
Client Sample ID :	390711736.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:03:40	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	36492	35490	35750	35911	1.45	cps
Molybdenum	94-1	42	50	50	47	10.18	cps
Molybdenum	95-1	58	17	17	31	78.72	cps
Molybdenum	96-1	100	67	58	75	29.39	cps
Molybdenum	97-1	33	33	33	33	0.00	cps
Molybdenum	98-1	33	8	67	36	81.06	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	30	40	41	28.47	cps
Phosphorus	31-2	92	75	92	86	11.18	cps
Potassium	39-2	270837	265730	272475	269681	1.30	cps
Rhodium	103-1	971410	943578	948590	954526	1.55	cps
Rhodium	103-2	462140	464433	463506	463360	0.25	cps
Scandium	45-1	1182522	1151161	1146038	1159907	1.70	cps
Scandium	45-2	55209	54928	55554	55230	0.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	9	28	19	50.00	cps
Selenium	82-1	29	13	19	20	39.66	cps
Silicon	28-1	7062176	6997338	7020698	7026737	0.47	cps
Silver	109-1	0	8	25	11	114.58	cps
Silver	107-1	25	33	8	22	57.29	cps
Sodium	23-2	675644	674623	677835	676034	0.24	cps
Strontium	86-1	503325	491820	497966	497704	1.16	cps
Strontium	88-1	4276356	4226234	4297190	4266593	0.85	cps
Sulfur	34-1	213357	207384	205996	208912	1.87	cps
Terbium	159-1	1377875	1364433	1371817	1371375	0.49	cps
Terbium	159-2	734710	732107	737220	734679	0.35	cps
Thallium	203-1	33	33	25	31	15.74	cps
Thallium	205-1	8	50	33	31	68.64	cps
Thorium	232-1	61	50	56	56	10.00	cps
Tin	118-1	58	67	50	58	14.29	cps
Titanium	47-1	92	108	167	122	32.22	cps
Uranium	238-1	25	50	17	31	56.77	cps
Vanadium	51-2	3	10	17	10	66.70	cps
Yttrium	89-1	1375064	1354679	1375329	1368357	0.87	cps
Yttrium	89-2	205198	207360	205262	205940	0.60	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01DUP	Instrumnet Name :	P7
Client Sample ID :	390711736.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:03:40	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	330	387	360	359	7.90	cps
Zirconium	90-1	125	117	142	128	9.96	cps
Zirconium	91-1	17	25	0	14	91.65	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01LX5	Instrumnet Name :	P7
Client Sample ID :	390711736.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 19:07:17	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	17	17	50.01	cps
Antimony	121-1	8	50	17	25	88.19	cps
Arsenic	75-1	-50	-116	-33	-66	-66.28	cps
Barium	135-1	5435	5268	4993	5232	4.26	cps
Barium	137-1	9320	8803	8970	9031	2.92	cps
Beryllium	9-1	27	30	27	28	6.92	cps
Bismuth	209-1	808545	802581	788709	799945	1.27	cps
Bismuth	209-2	481341	493011	485498	486617	1.22	cps
Boron	10-1	1433	1575	1483	1497	4.80	cps
Boron	11-1	6510	6452	6327	6429	1.46	cps
Cadmium	111-1	320	303	333	319	4.60	cps
Cadmium	106-1	450	433	475	453	4.63	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	32102	31226	30574	31301	2.45	cps
Calcium	44-1	498335	494321	489189	493948	0.93	cps
Chromium	52-2	120	167	160	149	16.95	cps
Cobalt	59-2	0	0	13	4	173.21	cps
Copper	63-2	193	190	157	180	11.26	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	17	8	0	8	100.02	cps
Gadolinium	160-2	47	17	37	33	45.82	cps
Holmium	165-1	1328971	1351783	1334863	1338539	0.88	cps
Holmium	165-2	736714	755177	747219	746370	1.24	cps
Indium	115-1	987201	966217	957342	970253	1.58	cps
Indium	115-2	203696	209198	208200	207031	1.42	cps
Iron	56-2	672439	684398	672810	676549	1.01	cps
Iron	57-2	16710	17299	16843	16951	1.82	cps
Krypton	83-1	43	30	47	40	22.05	cps
Lead	206-1	50	50	61	54	11.94	cps
Lead	207-1	28	39	33	33	16.67	cps
Lead	208-1	144	222	228	198	23.51	cps
Lithium	6-1	835671	833112	826549	831777	0.57	cps
Magnesium	24-2	46991	46097	46013	46367	1.17	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01LX5	Instrumnet Name :	P7
Client Sample ID :	390711736.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 19:07:17	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7745	7505	7402	7551	2.33	cps
Molybdenum	94-1	67	50	42	53	24.12	cps
Molybdenum	95-1	8	17	8	11	43.34	cps
Molybdenum	96-1	58	33	50	47	26.97	cps
Molybdenum	97-1	33	17	0	17	99.99	cps
Molybdenum	98-1	25	33	25	28	17.31	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	10	10	14	53.28	cps
Phosphorus	31-2	25	75	17	39	81.12	cps
Potassium	39-2	59235	59420	60164	59607	0.83	cps
Rhodium	103-1	992144	978092	966746	978994	1.30	cps
Rhodium	103-2	476304	481262	478574	478714	0.52	cps
Scandium	45-1	1227700	1216483	1205355	1216513	0.92	cps
Scandium	45-2	56143	56628	56454	56408	0.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	17	9	10	53.90	cps
Selenium	82-1	36	47	48	44	15.77	cps
Silicon	28-1	1458199	1464000	1436271	1452823	1.01	cps
Silver	109-1	25	17	25	22	21.64	cps
Silver	107-1	33	0	8	14	124.91	cps
Sodium	23-2	142891	145701	143559	144050	1.02	cps
Strontium	86-1	102709	101088	100592	101463	1.09	cps
Strontium	88-1	879666	867300	837306	861424	2.53	cps
Sulfur	34-1	123970	119618	119425	121004	2.12	cps
Terbium	159-1	1374553	1397126	1372662	1381447	0.99	cps
Terbium	159-2	735855	749275	745220	743450	0.93	cps
Thallium	203-1	8	8	0	6	86.60	cps
Thallium	205-1	25	42	42	36	26.65	cps
Thorium	232-1	44	44	50	46	6.92	cps
Tin	118-1	42	58	58	53	18.23	cps
Titanium	47-1	33	33	75	47	50.95	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	1387797	1405494	1385226	1392839	0.79	cps
Yttrium	89-2	209486	210623	209849	209986	0.28	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01LX5	Instrumnet Name :	P7
Client Sample ID :	390711736.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-24 19:07:17	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	120	107	97	108	10.86	cps
Zirconium	90-1	83	117	67	89	28.64	cps
Zirconium	91-1	25	33	17	25	33.32	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3873-01	Instrumnet Name :	P7
Client Sample ID :	390715009	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:10:53	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	117	100	103	12.39	cps
Antimony	121-1	33	25	33	31	15.74	cps
Arsenic	75-1	-51	-37	-72	-53	-33.48	cps
Barium	135-1	17	33	17	22	43.28	cps
Barium	137-1	17	33	17	22	43.28	cps
Beryllium	9-1	40	47	33	40	16.68	cps
Bismuth	209-1	811594	780436	771832	787954	2.65	cps
Bismuth	209-2	476175	481182	485766	481041	1.00	cps
Boron	10-1	592	592	792	658	17.54	cps
Boron	11-1	2750	2800	2750	2767	1.04	cps
Cadmium	111-1	239	275	214	243	12.60	cps
Cadmium	106-1	342	383	300	342	12.19	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Calcium	43-1	108	100	108	106	4.56	cps
Calcium	44-1	4593	4493	4784	4623	3.21	cps
Chromium	52-2	233	273	233	247	9.36	cps
Cobalt	59-2	10	0	13	8	89.21	cps
Copper	63-2	187	187	173	182	4.22	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	0	0	0	0.00	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	0	0	0	0	0.00	cps
Gadolinium	160-2	23	30	27	27	12.51	cps
Holmium	165-1	1325169	1322986	1312839	1320331	0.50	cps
Holmium	165-2	729352	734690	738906	734316	0.65	cps
Indium	115-1	983068	962432	939956	961819	2.24	cps
Indium	115-2	205985	208963	209383	208110	0.89	cps
Iron	56-2	1550	1417	1645	1537	7.45	cps
Iron	57-2	50	22	72	48	52.03	cps
Krypton	83-1	20	43	37	33	36.05	cps
Lead	206-1	67	78	89	78	14.28	cps
Lead	207-1	72	72	67	70	4.55	cps
Lead	208-1	239	294	306	280	12.77	cps
Lithium	6-1	838645	836144	825026	833272	0.87	cps
Magnesium	24-2	75	117	75	89	27.07	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3873-01	Instrumnet Name :	P7
Client Sample ID :	390715009	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:10:53	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	97	90	90	7.41	cps
Molybdenum	94-1	42	58	83	61	34.32	cps
Molybdenum	95-1	17	8	0	8	100.02	cps
Molybdenum	96-1	25	67	42	44	47.19	cps
Molybdenum	97-1	0	0	25	8	173.21	cps
Molybdenum	98-1	42	25	25	31	31.50	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	27	40	31	24.74	cps
Phosphorus	31-2	42	25	25	31	31.50	cps
Potassium	39-2	5168	4959	4734	4954	4.38	cps
Rhodium	103-1	997394	975229	952337	974987	2.31	cps
Rhodium	103-2	473145	484787	479957	479296	1.22	cps
Scandium	45-1	1231113	1213871	1206645	1217209	1.03	cps
Scandium	45-2	56611	56661	56969	56747	0.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	7	6	7	24.97	cps
Selenium	82-1	64	23	46	44	45.79	cps
Silicon	28-1	62715	64330	66699	64581	3.10	cps
Silver	109-1	17	8	17	14	34.67	cps
Silver	107-1	8	25	17	17	50.01	cps
Sodium	23-2	5043	5468	4801	5104	6.62	cps
Strontium	86-1	142	108	158	136	18.70	cps
Strontium	88-1	367	350	283	333	13.23	cps
Sulfur	34-1	96310	96873	98423	97202	1.13	cps
Terbium	159-1	1378190	1381290	1352742	1370740	1.14	cps
Terbium	159-2	729888	735125	737137	734050	0.51	cps
Thallium	203-1	0	25	42	22	94.38	cps
Thallium	205-1	17	42	8	22	78.07	cps
Thorium	232-1	56	44	44	48	13.32	cps
Tin	118-1	208	142	133	161	25.51	cps
Titanium	47-1	42	25	50	39	32.73	cps
Uranium	238-1	0	0	0	0	0.00	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Yttrium	89-1	1376677	1391713	1370524	1379638	0.79	cps
Yttrium	89-2	206704	212782	212402	210629	1.62	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3873-01	Instrumnet Name :	P7
Client Sample ID :	390715009	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:10:53	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	350	427	373	383	10.25	cps
Zirconium	90-1	108	175	125	136	25.49	cps
Zirconium	91-1	42	33	25	33	25.01	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:14:28	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1201575	1210067	1219924	1210522	0.76	cps
Antimony	121-1	556526	537850	536766	543714	2.04	cps
Arsenic	75-1	149296	146359	146118	147258	1.20	cps
Barium	135-1	739918	738037	729409	735788	0.76	cps
Barium	137-1	1271673	1267520	1270740	1269978	0.17	cps
Beryllium	9-1	316441	309796	307287	311175	1.52	cps
Bismuth	209-1	703914	692691	688346	694983	1.16	cps
Bismuth	209-2	426186	429540	430993	428906	0.57	cps
Boron	10-1	55703	56482	54918	55701	1.40	cps
Boron	11-1	234560	228602	230077	231080	1.34	cps
Cadmium	111-1	152386	150451	149460	150766	0.99	cps
Cadmium	106-1	18646	18154	17829	18210	2.26	cps
Cadmium	108-1	11980	12639	11818	12146	3.58	cps
Calcium	43-1	1549553	1538872	1521898	1536774	0.91	cps
Calcium	44-1	25435298	25218573	25199857	25284576	0.52	cps
Chromium	52-2	260487	262179	263568	262078	0.59	cps
Cobalt	59-2	322679	323981	329579	325413	1.13	cps
Copper	63-2	400705	407601	406751	405019	0.93	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	10	13	20	14	35.26	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	8	25	17	17	50.01	cps
Gadolinium	160-2	30	17	40	29	40.51	cps
Holmium	165-1	1300561	1295365	1290337	1295421	0.39	cps
Holmium	165-2	724951	727722	731814	728162	0.47	cps
Indium	115-1	881328	870975	860008	870770	1.22	cps
Indium	115-2	186172	188788	187247	187403	0.70	cps
Iron	56-2	45826570	45633614	45754254	45738146	0.21	cps
Iron	57-2	1211002	1217143	1225528	1217891	0.60	cps
Krypton	83-1	67	50	70	62	17.22	cps
Lead	206-1	406940	401223	401079	403081	0.83	cps
Lead	207-1	371532	364778	362902	366404	1.24	cps
Lead	208-1	1674753	1655164	1653834	1661251	0.71	cps
Lithium	6-1	785612	771322	775200	777378	0.95	cps
Magnesium	24-2	12641643	12583259	12635961	12620288	0.26	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:14:28	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	304078	310235	310463	308258	1.18	cps
Molybdenum	94-1	1530779	1513968	1503988	1516245	0.89	cps
Molybdenum	95-1	1858051	1848030	1837075	1847718	0.57	cps
Molybdenum	96-1	2061461	2040680	2032515	2044885	0.73	cps
Molybdenum	97-1	1122564	1109848	1101409	1111273	0.96	cps
Molybdenum	98-1	2956308	2956321	2948025	2953551	0.16	cps
Neodymium	150-1	60	40	40	47	24.74	cps
Neodymium	150-2	10	20	7	12	56.76	cps
Nickel	60-2	75372	76957	75965	76098	1.05	cps
Phosphorus	31-2	12597	12547	13015	12720	2.02	cps
Potassium	39-2	5655898	5662524	5701039	5673154	0.43	cps
Rhodium	103-1	832491	814484	808286	818420	1.54	cps
Rhodium	103-2	408794	415004	413091	412297	0.77	cps
Scandium	45-1	1111145	1090169	1081426	1094247	1.40	cps
Scandium	45-2	51382	53687	52827	52632	2.21	cps
Selenium	77-2	560	733	753	682	15.58	cps
Selenium	78-2	2280	2365	2324	2323	1.83	cps
Selenium	82-1	14064	13832	13848	13915	0.93	cps
Silicon	28-1	816576	809557	807321	811151	0.60	cps
Silver	109-1	660244	652387	648092	653574	0.94	cps
Silver	107-1	692764	686677	669307	682916	1.78	cps
Sodium	23-2	26513429	26460712	26508389	26494177	0.11	cps
Strontium	86-1	239732	233730	231951	235138	1.73	cps
Strontium	88-1	2024116	2000340	1988149	2004201	0.91	cps
Sulfur	34-1	216217	207012	205218	209482	2.82	cps
Terbium	159-1	1338565	1335109	1322012	1331895	0.66	cps
Terbium	159-2	711623	719514	726455	719197	1.03	cps
Thallium	203-1	494760	484220	481460	486813	1.44	cps
Thallium	205-1	1191839	1182628	1179858	1184775	0.53	cps
Thorium	232-1	2287151	2279613	2263455	2276740	0.53	cps
Tin	118-1	455057	441741	441167	445989	1.76	cps
Titanium	47-1	720148	706280	701595	709341	1.36	cps
Uranium	238-1	2251809	2264866	2244163	2253613	0.46	cps
Vanadium	51-2	228923	230457	231663	230348	0.60	cps
Yttrium	89-1	1285482	1275672	1266792	1275982	0.73	cps
Yttrium	89-2	195473	201640	198720	198611	1.55	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:14:28	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	66772	68208	68001	67660	1.15	cps
Zirconium	90-1	1269975	1264425	1249663	1261354	0.83	cps
Zirconium	91-1	280127	273477	272989	275531	1.45	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : CCB51 Instrumnet Name : P7
 Client Sample ID : CCB51 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 19:18:06 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	58	25	47	40.76	cps
Antimony	121-1	575	567	500	547	7.51	cps
Arsenic	75-1	-70	-138	-90	-99	-35.01	cps
Barium	135-1	125	100	67	97	30.10	cps
Barium	137-1	158	108	58	108	46.15	cps
Beryllium	9-1	60	83	53	66	24.04	cps
Bismuth	209-1	802435	785345	768533	785437	2.16	cps
Bismuth	209-2	469337	476732	475103	473724	0.82	cps
Boron	10-1	2275	2334	1825	2145	12.97	cps
Boron	11-1	9954	9020	8661	9211	7.24	cps
Cadmium	111-1	365	300	287	317	13.16	cps
Cadmium	106-1	492	375	408	425	14.14	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	175	183	117	158	22.94	cps
Calcium	44-1	5760	5059	4234	5018	15.22	cps
Chromium	52-2	170	180	163	171	4.90	cps
Cobalt	59-2	10	7	7	8	24.71	cps
Copper	63-2	120	110	107	112	6.18	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	0	0	0	0.00	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	17	8	0	8	100.02	cps
Gadolinium	160-2	13	13	40	22	69.30	cps
Holmium	165-1	1304849	1305968	1293090	1301303	0.55	cps
Holmium	165-2	720541	725389	721477	722469	0.36	cps
Indium	115-1	944923	941242	911121	932429	1.99	cps
Indium	115-2	198649	199950	200507	199702	0.48	cps
Iron	56-2	3250	2700	2400	2784	15.49	cps
Iron	57-2	117	111	39	89	48.81	cps
Krypton	83-1	80	50	47	59	31.17	cps
Lead	206-1	83	106	67	85	22.90	cps
Lead	207-1	72	72	56	67	14.43	cps
Lead	208-1	383	367	294	348	13.57	cps
Lithium	6-1	811821	814348	792132	806100	1.51	cps
Magnesium	24-2	542	408	367	439	20.83	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : CCB51 Instrumnet Name : P7
 Client Sample ID : CCB51 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 19:18:06 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	10	10	14	53.28	cps
Molybdenum	94-1	317	417	242	325	27.01	cps
Molybdenum	95-1	558	383	375	439	23.59	cps
Molybdenum	96-1	517	333	283	378	32.52	cps
Molybdenum	97-1	375	317	275	322	15.59	cps
Molybdenum	98-1	667	592	575	611	7.99	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	3	7	8	65.47	cps
Phosphorus	31-2	33	17	25	25	33.32	cps
Potassium	39-2	4809	5001	4759	4857	2.63	cps
Rhodium	103-1	943877	936392	914570	931613	1.63	cps
Rhodium	103-2	455327	455982	455853	455721	0.08	cps
Scandium	45-1	1155173	1150513	1126187	1143958	1.36	cps
Scandium	45-2	52857	53944	52944	53249	1.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	9	13	12	22.89	cps
Selenium	82-1	18	41	41	33	41.01	cps
Silicon	28-1	49140	48329	47560	48343	1.63	cps
Silver	109-1	67	92	58	72	24.02	cps
Silver	107-1	125	92	42	86	48.71	cps
Sodium	23-2	6702	6777	6610	6696	1.25	cps
Strontium	86-1	92	67	92	83	17.32	cps
Strontium	88-1	292	192	158	214	32.44	cps
Sulfur	34-1	87783	87339	86533	87218	0.73	cps
Terbium	159-1	1341130	1357757	1334051	1344313	0.91	cps
Terbium	159-2	711860	724583	721557	719333	0.92	cps
Thallium	203-1	158	158	100	139	24.25	cps
Thallium	205-1	417	408	267	364	23.17	cps
Thorium	232-1	661	606	506	591	13.34	cps
Tin	118-1	175	142	183	167	13.23	cps
Titanium	47-1	117	92	58	89	32.92	cps
Uranium	238-1	250	250	108	203	40.34	cps
Vanadium	51-2	10	13	3	9	57.30	cps
Yttrium	89-1	1319942	1333708	1310650	1321433	0.88	cps
Yttrium	89-2	199798	201910	201458	201056	0.55	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:18:06	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20	37	17	24	43.83	cps
Zirconium	90-1	267	333	275	292	12.45	cps
Zirconium	91-1	58	58	100	72	33.30	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01MS	Instrumnet Name :	P7
Client Sample ID :	390711736.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:21:42	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45637	46063	45704	45802	0.50	cps
Antimony	121-1	874877	876767	865946	872530	0.66	cps
Arsenic	75-1	215036	212997	215549	214527	0.63	cps
Barium	135-1	84975	86025	83074	84691	1.77	cps
Barium	137-1	147745	149285	147264	148098	0.71	cps
Beryllium	9-1	133567	135178	132878	133874	0.88	cps
Bismuth	209-1	775327	777766	769644	774246	0.54	cps
Bismuth	209-2	473881	473663	474349	473964	0.07	cps
Boron	10-1	39586	39945	39411	39647	0.69	cps
Boron	11-1	163457	165892	166204	165185	0.91	cps
Cadmium	111-1	57949	57953	57623	57842	0.33	cps
Cadmium	106-1	5460	5710	5401	5524	2.97	cps
Cadmium	108-1	3838	4005	4126	3990	3.62	cps
Calcium	43-1	149052	151081	147183	149106	1.31	cps
Calcium	44-1	2348178	2363246	2330877	2347434	0.69	cps
Chromium	52-2	219261	218175	216336	217924	0.68	cps
Cobalt	59-2	142224	139619	139199	140348	1.17	cps
Copper	63-2	125613	123509	125946	125023	1.06	cps
Dysprosium	156-1	75751	76095	73941	75262	1.54	cps
Dysprosium	156-2	27842	27795	27174	27603	1.35	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	33	37	33	34	5.60	cps
Holmium	165-1	1331837	1344722	1316141	1330900	1.08	cps
Holmium	165-2	734855	735098	733441	734465	0.12	cps
Indium	115-1	938895	940564	918635	932698	1.31	cps
Indium	115-2	198186	195148	194388	195907	1.03	cps
Iron	56-2	4232275	4154339	4169938	4185518	0.99	cps
Iron	57-2	107513	104939	106064	106172	1.22	cps
Krypton	83-1	40	47	40	42	9.12	cps
Lead	206-1	891762	886653	882460	886959	0.53	cps
Lead	207-1	781495	773304	770812	775204	0.72	cps
Lead	208-1	3603037	3595655	3572526	3590406	0.44	cps
Lithium	6-1	859918	859977	846256	855384	0.92	cps
Magnesium	24-2	330420	327835	331010	329755	0.51	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01MS	Instrumnet Name :	P7
Client Sample ID :	390711736.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:21:42	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100094	98262	98269	98875	1.07	cps
Molybdenum	94-1	163889	160813	160695	161799	1.12	cps
Molybdenum	95-1	285725	283719	282144	283863	0.63	cps
Molybdenum	96-1	306411	307604	302285	305434	0.91	cps
Molybdenum	97-1	180216	176725	175821	177588	1.31	cps
Molybdenum	98-1	459619	454054	446752	453475	1.42	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	85611	83117	84679	84469	1.49	cps
Phosphorus	31-2	7902	8019	8369	8097	3.00	cps
Potassium	39-2	746022	735971	738314	740103	0.71	cps
Rhodium	103-1	938249	938635	910605	929163	1.73	cps
Rhodium	103-2	453353	450662	451194	451736	0.32	cps
Scandium	45-1	1144161	1136034	1123638	1134611	0.91	cps
Scandium	45-2	54008	52389	52764	53054	1.60	cps
Selenium	77-2	2894	2917	2824	2878	1.69	cps
Selenium	78-2	9916	9633	9796	9782	1.45	cps
Selenium	82-1	59548	59523	58613	59228	0.90	cps
Silicon	28-1	7983270	8080008	7949067	8004115	0.85	cps
Silver	109-1	100238	99800	98274	99437	1.04	cps
Silver	107-1	105189	103661	102243	103698	1.42	cps
Sodium	23-2	987005	980199	984582	983929	0.35	cps
Strontium	86-1	573293	569577	565842	569571	0.65	cps
Strontium	88-1	4877223	4894915	4835877	4869338	0.62	cps
Sulfur	34-1	190394	191271	185000	188888	1.80	cps
Terbium	159-1	1355395	1372858	1367897	1365383	0.66	cps
Terbium	159-2	742123	733048	731684	735618	0.77	cps
Thallium	203-1	2156288	2165381	2134950	2152206	0.73	cps
Thallium	205-1	5106141	5090431	5095208	5097260	0.16	cps
Thorium	232-1	300	306	289	298	2.85	cps
Tin	118-1	669194	658637	654069	660633	1.17	cps
Titanium	47-1	59521	60683	59069	59758	1.39	cps
Uranium	238-1	17	8	92	39	118.02	cps
Vanadium	51-2	143442	141012	141942	142132	0.86	cps
Yttrium	89-1	1338166	1342120	1324236	1334841	0.70	cps
Yttrium	89-2	204077	201691	199977	201915	1.02	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01MS	Instrumnet Name :	P7
Client Sample ID :	390711736.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:21:42	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	14354	14184	13647	14061	2.63	cps
Zirconium	90-1	767	592	692	683	12.85	cps
Zirconium	91-1	217	325	275	272	19.92	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01MSD	Instrumnet Name :	P7
Client Sample ID :	390711736.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:25:17	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44149	45620	44450	44740	1.74	cps
Antimony	121-1	884015	867119	849707	866947	1.98	cps
Arsenic	75-1	216726	210479	208854	212020	1.96	cps
Barium	135-1	85436	84172	83835	84481	1.00	cps
Barium	137-1	146364	147569	146028	146654	0.55	cps
Beryllium	9-1	134333	132390	132572	133098	0.81	cps
Bismuth	209-1	779929	778330	768702	775654	0.78	cps
Bismuth	209-2	473511	479239	475020	475923	0.62	cps
Boron	10-1	40681	41132	39152	40321	2.57	cps
Boron	11-1	169408	172129	169129	170222	0.97	cps
Cadmium	111-1	59092	59088	58488	58889	0.59	cps
Cadmium	106-1	5751	5835	5418	5668	3.89	cps
Cadmium	108-1	4063	3955	4072	4030	1.62	cps
Calcium	43-1	150265	143945	146855	147021	2.15	cps
Calcium	44-1	2343658	2327111	2320196	2330322	0.52	cps
Chromium	52-2	217752	217719	218584	218018	0.22	cps
Cobalt	59-2	139233	139902	139559	139565	0.24	cps
Copper	63-2	122793	124316	124837	123982	0.86	cps
Dysprosium	156-1	75433	75056	74569	75019	0.58	cps
Dysprosium	156-2	27394	26856	27217	27156	1.01	cps
Erbium	164-1	17	8	0	8	100.02	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	33	17	50	33	50.00	cps
Gadolinium	160-2	33	17	17	22	43.28	cps
Holmium	165-1	1320035	1318822	1321340	1320066	0.10	cps
Holmium	165-2	736826	734542	731945	734438	0.33	cps
Indium	115-1	938751	929411	921633	929932	0.92	cps
Indium	115-2	195230	194584	194551	194788	0.20	cps
Iron	56-2	4121119	4087400	4098963	4102494	0.42	cps
Iron	57-2	103730	103865	103194	103596	0.34	cps
Krypton	83-1	27	47	40	38	26.95	cps
Lead	206-1	887472	894710	894055	892079	0.45	cps
Lead	207-1	783421	783492	771653	779522	0.87	cps
Lead	208-1	3593023	3627580	3597972	3606192	0.52	cps
Lithium	6-1	859885	856484	849861	855410	0.60	cps
Magnesium	24-2	323454	324326	326979	324920	0.57	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01MSD	Instrumnet Name :	P7
Client Sample ID :	390711736.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:25:17	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	98943	97292	97255	97830	0.99	cps
Molybdenum	94-1	161747	160397	160274	160806	0.51	cps
Molybdenum	95-1	288785	277042	283265	283030	2.08	cps
Molybdenum	96-1	307178	302926	302196	304100	0.88	cps
Molybdenum	97-1	178647	174892	173074	175538	1.62	cps
Molybdenum	98-1	451295	452064	444741	449367	0.90	cps
Neodymium	150-1	27	20	13	20	33.35	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	82567	83218	83107	82964	0.42	cps
Phosphorus	31-2	7752	8278	8228	8086	3.59	cps
Potassium	39-2	730809	731480	736170	732819	0.40	cps
Rhodium	103-1	931618	924021	920434	925358	0.62	cps
Rhodium	103-2	448976	450154	450675	449935	0.19	cps
Scandium	45-1	1138320	1123598	1124809	1128909	0.72	cps
Scandium	45-2	52389	52717	53015	52707	0.59	cps
Selenium	77-2	2880	2610	2834	2775	5.20	cps
Selenium	78-2	9916	9696	9566	9726	1.82	cps
Selenium	82-1	60105	59604	58615	59441	1.28	cps
Silicon	28-1	7954218	7901565	7961086	7938956	0.41	cps
Silver	109-1	99139	98751	96210	98033	1.62	cps
Silver	107-1	103788	102149	102301	102746	0.88	cps
Sodium	23-2	966785	979344	978873	975001	0.73	cps
Strontium	86-1	565522	562886	560334	562914	0.46	cps
Strontium	88-1	4846285	4827598	4803618	4825834	0.44	cps
Sulfur	34-1	186898	184039	182545	184494	1.20	cps
Terbium	159-1	1375468	1380485	1362564	1372839	0.67	cps
Terbium	159-2	733659	731787	733333	732926	0.14	cps
Thallium	203-1	2135218	2148277	2148600	2144032	0.36	cps
Thallium	205-1	5038976	5118593	5134706	5097425	1.01	cps
Thorium	232-1	144	122	189	152	22.35	cps
Tin	118-1	664415	655401	650868	656894	1.05	cps
Titanium	47-1	60516	58283	57898	58899	2.40	cps
Uranium	238-1	25	33	25	28	17.31	cps
Vanadium	51-2	142281	140703	140672	141219	0.65	cps
Yttrium	89-1	1330923	1329079	1330128	1330044	0.07	cps
Yttrium	89-2	199281	200562	202249	200697	0.74	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01MSD	Instrumnet Name :	P7
Client Sample ID :	390711736.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:25:17	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13523	13980	13857	13787	1.72	cps
Zirconium	90-1	342	358	375	358	4.65	cps
Zirconium	91-1	183	150	167	167	10.00	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01A	Instrumnet Name :	P7
Client Sample ID :	390711736.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:28:53	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44851	46557	47125	46178	2.56	cps
Antimony	121-1	881014	867873	859545	869477	1.24	cps
Arsenic	75-1	213615	213303	208950	211956	1.23	cps
Barium	135-1	86100	86619	82872	85197	2.38	cps
Barium	137-1	148351	149843	147688	148628	0.74	cps
Beryllium	9-1	133685	134451	132485	133541	0.74	cps
Bismuth	209-1	787524	768902	762328	772918	1.69	cps
Bismuth	209-2	469199	475048	470911	471719	0.64	cps
Boron	10-1	41809	41692	41758	41753	0.14	cps
Boron	11-1	169346	175618	172036	172333	1.83	cps
Cadmium	111-1	59717	57666	57041	58142	2.41	cps
Cadmium	106-1	5701	5676	5543	5640	1.51	cps
Cadmium	108-1	3938	3938	3784	3887	2.29	cps
Calcium	43-1	148521	146956	145964	147147	0.88	cps
Calcium	44-1	2337431	2347196	2317112	2333913	0.66	cps
Chromium	52-2	218387	219278	219213	218959	0.23	cps
Cobalt	59-2	140279	141403	142689	141457	0.85	cps
Copper	63-2	124124	126390	126289	125601	1.02	cps
Dysprosium	156-1	75491	72961	74242	74232	1.70	cps
Dysprosium	156-2	27010	27388	27778	27392	1.40	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	25	58	33	39	44.62	cps
Gadolinium	160-2	20	23	43	29	43.68	cps
Holmium	165-1	1317550	1323901	1314801	1318751	0.35	cps
Holmium	165-2	729342	737564	738503	735136	0.69	cps
Indium	115-1	930466	916243	914917	920542	0.94	cps
Indium	115-2	192737	196427	196236	195133	1.06	cps
Iron	56-2	4177149	4169592	4164142	4170294	0.16	cps
Iron	57-2	104235	106294	105996	105508	1.06	cps
Krypton	83-1	47	43	50	47	7.15	cps
Lead	206-1	903901	888649	890945	894498	0.92	cps
Lead	207-1	797032	776823	766909	780254	1.97	cps
Lead	208-1	3657600	3611951	3608075	3625875	0.76	cps
Lithium	6-1	857601	857324	849880	854935	0.51	cps
Magnesium	24-2	328640	329902	329664	329402	0.20	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01A	Instrumnet Name :	P7
Client Sample ID :	390711736.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:28:53	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	98443	98406	98259	98369	0.10	cps
Molybdenum	94-1	165254	159852	157602	160902	2.44	cps
Molybdenum	95-1	288291	280283	281365	283313	1.53	cps
Molybdenum	96-1	306758	303171	302106	304012	0.80	cps
Molybdenum	97-1	176655	176142	171700	174832	1.56	cps
Molybdenum	98-1	456545	448596	447982	451041	1.06	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	84847	84820	84565	84744	0.18	cps
Phosphorus	31-2	7961	8019	8178	8052	1.39	cps
Potassium	39-2	738163	745155	737837	740385	0.56	cps
Rhodium	103-1	932529	918377	904662	918523	1.52	cps
Rhodium	103-2	447410	451254	446898	448521	0.53	cps
Scandium	45-1	1122799	1127103	1104795	1118233	1.06	cps
Scandium	45-2	51978	52289	52416	52227	0.43	cps
Selenium	77-2	2864	2924	2954	2914	1.57	cps
Selenium	78-2	9796	9692	9688	9726	0.63	cps
Selenium	82-1	59559	59680	59095	59445	0.52	cps
Silicon	28-1	7965264	8019155	7954230	7979550	0.44	cps
Silver	109-1	99172	98761	96168	98034	1.66	cps
Silver	107-1	105978	101152	100438	102523	2.94	cps
Sodium	23-2	985462	989797	983941	986400	0.31	cps
Strontium	86-1	571428	569372	561237	567346	0.95	cps
Strontium	88-1	4855121	4848004	4795351	4832825	0.68	cps
Sulfur	34-1	187481	184511	183280	185090	1.17	cps
Terbium	159-1	1365333	1355117	1353255	1357902	0.48	cps
Terbium	159-2	724803	735060	731065	730309	0.71	cps
Thallium	203-1	2164693	2137840	2166330	2156288	0.74	cps
Thallium	205-1	5128811	5041766	5113805	5094794	0.91	cps
Thorium	232-1	117	89	106	104	13.48	cps
Tin	118-1	664149	655037	645479	654888	1.43	cps
Titanium	47-1	59554	58927	57388	58623	1.90	cps
Uranium	238-1	17	33	67	39	65.47	cps
Vanadium	51-2	142510	142062	143630	142734	0.57	cps
Yttrium	89-1	1319132	1333806	1313052	1321997	0.81	cps
Yttrium	89-2	198956	202242	201235	200811	0.84	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3870-01A	Instrumnet Name :	P7
Client Sample ID :	390711736.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:28:53	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13737	14297	13967	14000	2.01	cps
Zirconium	90-1	325	258	333	306	13.45	cps
Zirconium	91-1	250	150	250	217	26.65	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3946-01	Instrumnet Name :	P7
Client Sample ID :	390712138.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:32:30	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	250	300	278	9.17	cps
Antimony	121-1	3109	3117	3050	3092	1.17	cps
Arsenic	75-1	249	40	114	134	79.02	cps
Barium	135-1	10521	10354	10204	10360	1.53	cps
Barium	137-1	18755	17837	18254	18282	2.51	cps
Beryllium	9-1	70	43	67	60	24.22	cps
Bismuth	209-1	778507	776073	753197	769259	1.82	cps
Bismuth	209-2	457737	465514	466460	463237	1.03	cps
Boron	10-1	5818	5293	4951	5354	8.16	cps
Boron	11-1	22926	22751	21900	22526	2.44	cps
Cadmium	111-1	635	593	616	614	3.40	cps
Cadmium	106-1	475	458	500	478	4.39	cps
Cadmium	108-1	63	88	67	72	18.54	cps
Calcium	43-1	178152	173076	169711	173646	2.45	cps
Calcium	44-1	2840234	2836300	2826972	2834502	0.24	cps
Chromium	52-2	210	283	200	231	19.69	cps
Cobalt	59-2	2397	2590	2440	2476	4.10	cps
Copper	63-2	69976	70556	72073	70868	1.53	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	0	0	8	3	173.21	cps
Gadolinium	160-2	13	20	20	18	21.66	cps
Holmium	165-1	1327287	1314915	1309941	1317381	0.68	cps
Holmium	165-2	719161	727941	739147	728750	1.37	cps
Indium	115-1	942831	923580	909830	925413	1.79	cps
Indium	115-2	195665	195290	199345	196767	1.14	cps
Iron	56-2	19397	18534	18701	18877	2.42	cps
Iron	57-2	1606	1600	1828	1678	7.74	cps
Krypton	83-1	33	40	67	47	37.80	cps
Lead	206-1	5896	5701	5829	5809	1.70	cps
Lead	207-1	5223	5268	4934	5142	3.52	cps
Lead	208-1	23876	23214	22842	23310	2.25	cps
Lithium	6-1	823138	813955	801211	812768	1.35	cps
Magnesium	24-2	386309	393784	401372	393822	1.91	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3946-01	Instrumnet Name :	P7
Client Sample ID :	390712138.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:32:30	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1003	1033	1100	1046	4.73	cps
Molybdenum	94-1	167	217	142	175	21.82	cps
Molybdenum	95-1	250	308	317	292	12.45	cps
Molybdenum	96-1	292	283	325	300	7.35	cps
Molybdenum	97-1	167	217	142	175	21.82	cps
Molybdenum	98-1	767	608	642	672	12.42	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	765620	771366	781069	772685	1.01	cps
Phosphorus	31-2	242	417	525	394	36.25	cps
Potassium	39-2	70719	69337	70627	70228	1.10	cps
Rhodium	103-1	925817	903154	895175	908049	1.75	cps
Rhodium	103-2	443152	445018	452612	446928	1.12	cps
Scandium	45-1	1146873	1124591	1108769	1126744	1.70	cps
Scandium	45-2	52636	52784	52948	52789	0.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	15	19	17	11.13	cps
Selenium	82-1	69	48	41	53	28.20	cps
Silicon	28-1	4780875	4778208	4695810	4751631	1.02	cps
Silver	109-1	42	33	25	33	25.01	cps
Silver	107-1	83	33	42	53	50.76	cps
Sodium	23-2	6713696	6695658	6761743	6723699	0.51	cps
Strontium	86-1	48482	47145	45398	47008	3.29	cps
Strontium	88-1	408724	398843	391235	399600	2.19	cps
Sulfur	34-1	140161	139278	140019	139819	0.34	cps
Terbium	159-1	1362409	1367868	1353170	1361149	0.55	cps
Terbium	159-2	713957	724054	727632	721881	0.98	cps
Thallium	203-1	767	633	442	614	26.61	cps
Thallium	205-1	1508	1325	1217	1350	10.92	cps
Thorium	232-1	39	39	39	39	0.00	cps
Tin	118-1	4859	4176	4418	4484	7.73	cps
Titanium	47-1	133	175	108	139	24.25	cps
Uranium	238-1	308	308	208	275	21.00	cps
Vanadium	51-2	57	57	43	52	14.75	cps
Yttrium	89-1	1336021	1334894	1317552	1329489	0.78	cps
Yttrium	89-2	199031	200373	203920	201108	1.26	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3946-01	Instrumnet Name :	P7
Client Sample ID :	390712138.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:32:30	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	604234	607035	614463	608577	0.87	cps
Zirconium	90-1	142	142	125	136	7.07	cps
Zirconium	91-1	42	33	8	28	62.46	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3947-01	Instrumnet Name :	P7
Client Sample ID :	390712136.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:36:06	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1008	867	967	947	7.69	cps
Antimony	121-1	7010	6727	6835	6858	2.09	cps
Arsenic	75-1	117	23	154	98	68.56	cps
Barium	135-1	11939	11939	12256	12045	1.52	cps
Barium	137-1	21376	20541	20599	20839	2.24	cps
Beryllium	9-1	37	13	33	28	45.44	cps
Bismuth	209-1	761083	741143	746725	749651	1.37	cps
Bismuth	209-2	442934	452968	454248	450050	1.38	cps
Boron	10-1	4551	4634	4584	4590	0.91	cps
Boron	11-1	19880	19138	19430	19483	1.92	cps
Cadmium	111-1	1367	1349	1350	1356	0.75	cps
Cadmium	106-1	758	833	675	756	10.48	cps
Cadmium	108-1	246	233	258	246	5.08	cps
Calcium	43-1	195501	198903	195610	196671	0.98	cps
Calcium	44-1	3208241	3245505	3252791	3235513	0.74	cps
Chromium	52-2	403	307	307	339	16.47	cps
Cobalt	59-2	787	883	830	833	5.81	cps
Copper	63-2	115666	116350	116327	116115	0.33	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	8	8	33	17	86.62	cps
Gadolinium	160-2	27	17	27	23	24.74	cps
Holmium	165-1	1301205	1309164	1302097	1304155	0.33	cps
Holmium	165-2	716238	716986	718495	717240	0.16	cps
Indium	115-1	916644	916766	902251	911887	0.92	cps
Indium	115-2	190902	195322	197504	194576	1.73	cps
Iron	56-2	29219	29302	29101	29207	0.35	cps
Iron	57-2	2150	2284	1872	2102	9.98	cps
Krypton	83-1	53	63	40	52	22.41	cps
Lead	206-1	96621	95128	92038	94596	2.47	cps
Lead	207-1	83136	82376	81734	82415	0.85	cps
Lead	208-1	384889	380335	376535	380586	1.10	cps
Lithium	6-1	822905	823014	819073	821664	0.27	cps
Magnesium	24-2	377865	376138	380464	378155	0.58	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3947-01	Instrumnet Name :	P7
Client Sample ID :	390712136.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:36:06	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3917	4047	3804	3923	3.10	cps
Molybdenum	94-1	217	142	225	194	23.61	cps
Molybdenum	95-1	258	233	225	239	7.26	cps
Molybdenum	96-1	275	258	258	264	3.64	cps
Molybdenum	97-1	117	117	100	111	8.66	cps
Molybdenum	98-1	600	692	658	650	7.14	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1473032	1483355	1479675	1478687	0.35	cps
Phosphorus	31-2	525	567	642	578	10.23	cps
Potassium	39-2	71999	73131	74244	73125	1.54	cps
Rhodium	103-1	904982	903675	883531	897396	1.34	cps
Rhodium	103-2	435117	438521	440275	437971	0.60	cps
Scandium	45-1	1128267	1128715	1119606	1125529	0.46	cps
Scandium	45-2	52305	52248	53443	52666	1.28	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	15	15	15	15	0.00	cps
Selenium	82-1	37	37	62	45	32.80	cps
Silicon	28-1	3910489	3982802	3974891	3956061	1.00	cps
Silver	109-1	8	8	17	11	43.34	cps
Silver	107-1	42	42	225	103	103.01	cps
Sodium	23-2	8523413	8633354	8638492	8598420	0.76	cps
Strontium	86-1	50114	48934	48098	49049	2.06	cps
Strontium	88-1	418406	417941	415392	417246	0.39	cps
Sulfur	34-1	155267	153777	154283	154442	0.49	cps
Terbium	159-1	1341331	1340959	1349421	1343904	0.36	cps
Terbium	159-2	700637	706519	717685	708280	1.22	cps
Thallium	203-1	225	183	333	247	31.32	cps
Thallium	205-1	817	692	550	686	19.45	cps
Thorium	232-1	39	28	44	37	22.91	cps
Tin	118-1	44647	46043	45433	45374	1.54	cps
Titanium	47-1	158	125	175	153	16.66	cps
Uranium	238-1	92	50	100	81	33.26	cps
Vanadium	51-2	50	63	67	60	14.70	cps
Yttrium	89-1	1313037	1330313	1328489	1323946	0.72	cps
Yttrium	89-2	197648	198490	199233	198457	0.40	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3947-01	Instrumnet Name :	P7
Client Sample ID :	390712136.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:36:06	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1862783	1867531	1866164	1865493	0.13	cps
Zirconium	90-1	142	167	175	161	10.77	cps
Zirconium	91-1	50	42	33	42	20.00	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3948-01	Instrumnet Name :	P7
Client Sample ID :	390712135.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:39:43	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	233	125	156	43.63	cps
Antimony	121-1	500	708	767	658	21.30	cps
Arsenic	75-1	-18	8	-23	-11	-154.26	cps
Barium	135-1	7110	6552	7127	6930	4.72	cps
Barium	137-1	11555	11188	11422	11388	1.63	cps
Beryllium	9-1	53	37	40	43	20.34	cps
Bismuth	209-1	763333	751096	758600	757676	0.81	cps
Bismuth	209-2	455713	459737	460605	458685	0.57	cps
Boron	10-1	3167	3092	3000	3087	2.71	cps
Boron	11-1	12489	12047	12622	12386	2.43	cps
Cadmium	111-1	373	324	312	336	9.58	cps
Cadmium	106-1	392	400	400	397	1.21	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	131153	128228	128243	129208	1.30	cps
Calcium	44-1	2117766	2113763	2156916	2129482	1.12	cps
Chromium	52-2	247	213	230	230	7.25	cps
Cobalt	59-2	150	93	193	146	34.46	cps
Copper	63-2	160498	159444	158187	159376	0.73	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	8	8	0	6	86.60	cps
Gadolinium	160-2	30	10	23	21	48.24	cps
Holmium	165-1	1279382	1302774	1316791	1299649	1.45	cps
Holmium	165-2	712739	717682	711423	713948	0.46	cps
Indium	115-1	929714	914023	911256	918331	1.08	cps
Indium	115-2	196062	196748	194914	195908	0.47	cps
Iron	56-2	2067	2184	2189	2147	3.22	cps
Iron	57-2	922	900	861	894	3.46	cps
Krypton	83-1	57	37	43	46	22.36	cps
Lead	206-1	2639	2711	2773	2708	2.47	cps
Lead	207-1	2311	2200	2334	2282	3.13	cps
Lead	208-1	10663	10741	10735	10713	0.41	cps
Lithium	6-1	808163	801157	806387	805236	0.45	cps
Magnesium	24-2	359577	365265	362477	362440	0.78	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3948-01	Instrumnet Name :	P7
Client Sample ID :	390712135.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:39:43	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	277	310	263	283	8.48	cps
Molybdenum	94-1	175	192	100	156	31.39	cps
Molybdenum	95-1	233	258	167	219	21.59	cps
Molybdenum	96-1	250	283	283	272	7.07	cps
Molybdenum	97-1	142	217	142	167	25.98	cps
Molybdenum	98-1	358	358	400	372	6.46	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	79266	79011	80821	79700	1.23	cps
Phosphorus	31-2	533	542	542	539	0.89	cps
Potassium	39-2	64741	65922	65144	65269	0.92	cps
Rhodium	103-1	921117	903519	906296	910311	1.04	cps
Rhodium	103-2	444867	447045	447406	446439	0.31	cps
Scandium	45-1	1138696	1121995	1120391	1127027	0.90	cps
Scandium	45-2	52623	52904	53386	52971	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	17	9	14	28.39	cps
Selenium	82-1	32	56	71	53	37.16	cps
Silicon	28-1	5084314	5085362	5127033	5098903	0.48	cps
Silver	109-1	17	33	8	19	65.47	cps
Silver	107-1	33	42	25	33	25.01	cps
Sodium	23-2	4918680	4960909	4918518	4932702	0.50	cps
Strontium	86-1	38887	39004	39539	39143	0.89	cps
Strontium	88-1	334668	328981	325595	329748	1.39	cps
Sulfur	34-1	130651	130450	130182	130428	0.18	cps
Terbium	159-1	1335585	1348275	1368573	1350811	1.23	cps
Terbium	159-2	710504	708837	715446	711596	0.48	cps
Thallium	203-1	100	67	25	64	58.82	cps
Thallium	205-1	192	158	225	192	17.39	cps
Thorium	232-1	22	22	39	28	34.65	cps
Tin	118-1	7677	7119	7544	7447	3.92	cps
Titanium	47-1	183	175	183	181	2.66	cps
Uranium	238-1	58	100	50	69	38.58	cps
Vanadium	51-2	50	57	20	42	46.26	cps
Yttrium	89-1	1322533	1321898	1335479	1326636	0.58	cps
Yttrium	89-2	199386	201298	200662	200449	0.49	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3948-01	Instrumnet Name :	P7
Client Sample ID :	390712135.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:39:43	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	203051	206000	205345	204798	0.76	cps
Zirconium	90-1	75	108	150	111	33.82	cps
Zirconium	91-1	33	42	42	39	12.38	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3949-01	Instrumnet Name :	P7
Client Sample ID :	390712131.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:43:19	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	225	192	197	12.91	cps
Antimony	121-1	283	367	325	325	12.82	cps
Arsenic	75-1	69	-21	8	19	240.93	cps
Barium	135-1	7727	7227	6569	7174	8.10	cps
Barium	137-1	13073	12022	12314	12470	4.35	cps
Beryllium	9-1	33	50	43	42	19.87	cps
Bismuth	209-1	782608	756920	748795	762774	2.31	cps
Bismuth	209-2	455854	461764	459506	459042	0.65	cps
Boron	10-1	2792	2567	2609	2656	4.51	cps
Boron	11-1	10804	11663	11380	11282	3.88	cps
Cadmium	111-1	299	251	298	283	9.75	cps
Cadmium	106-1	392	350	400	381	7.04	cps
Cadmium	108-1	54	33	33	40	29.87	cps
Calcium	43-1	134936	131934	132262	133044	1.24	cps
Calcium	44-1	2189368	2166543	2205215	2187042	0.89	cps
Chromium	52-2	183	200	207	197	6.11	cps
Cobalt	59-2	217	277	313	269	18.15	cps
Copper	63-2	81257	82384	81860	81834	0.69	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	0	8	17	8	100.02	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	0	17	0	6	173.21	cps
Gadolinium	160-2	23	27	17	22	22.91	cps
Holmium	165-1	1332567	1308596	1307339	1316167	1.08	cps
Holmium	165-2	724083	726221	720089	723464	0.43	cps
Indium	115-1	957797	926428	921243	935156	2.12	cps
Indium	115-2	198353	201905	198320	199526	1.03	cps
Iron	56-2	5440	5579	5368	5462	1.97	cps
Iron	57-2	956	1067	1156	1059	9.46	cps
Krypton	83-1	47	43	73	54	30.20	cps
Lead	206-1	967	972	950	963	1.20	cps
Lead	207-1	822	767	783	791	3.61	cps
Lead	208-1	3695	3595	3473	3587	3.10	cps
Lithium	6-1	830298	811388	803535	815074	1.69	cps
Magnesium	24-2	372382	379013	374829	375408	0.89	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3949-01	Instrumnet Name :	P7
Client Sample ID :	390712131.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:43:19	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	413	463	377	418	10.41	cps
Molybdenum	94-1	192	175	100	156	31.39	cps
Molybdenum	95-1	275	225	267	256	10.48	cps
Molybdenum	96-1	233	250	267	250	6.67	cps
Molybdenum	97-1	125	100	192	139	34.11	cps
Molybdenum	98-1	508	483	467	486	4.31	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	304467	307323	306722	306171	0.49	cps
Phosphorus	31-2	892	908	975	925	4.77	cps
Potassium	39-2	68023	68182	68784	68330	0.59	cps
Rhodium	103-1	942422	916826	915414	924888	1.64	cps
Rhodium	103-2	447883	453855	452313	451351	0.69	cps
Scandium	45-1	1155639	1136604	1129584	1140609	1.18	cps
Scandium	45-2	53346	53556	53633	53512	0.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	19	15	17	11.13	cps
Selenium	82-1	42	63	29	45	37.98	cps
Silicon	28-1	5195424	5200819	5220921	5205721	0.26	cps
Silver	109-1	42	42	50	44	10.82	cps
Silver	107-1	25	50	67	47	44.41	cps
Sodium	23-2	4922934	4949806	4938941	4937227	0.27	cps
Strontium	86-1	40834	38578	40007	39806	2.87	cps
Strontium	88-1	343139	335085	336897	338373	1.25	cps
Sulfur	34-1	133451	136554	134879	134961	1.15	cps
Terbium	159-1	1372791	1365586	1349633	1362670	0.87	cps
Terbium	159-2	717674	719632	718351	718552	0.14	cps
Thallium	203-1	67	42	58	56	22.91	cps
Thallium	205-1	142	108	150	133	16.54	cps
Thorium	232-1	11	33	22	22	50.00	cps
Tin	118-1	417	300	283	333	21.79	cps
Titanium	47-1	292	200	167	219	29.50	cps
Uranium	238-1	83	83	58	75	19.24	cps
Vanadium	51-2	67	43	70	60	24.22	cps
Yttrium	89-1	1364022	1349041	1345572	1352878	0.72	cps
Yttrium	89-2	202103	205361	202498	203321	0.87	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3949-01	Instrumnet Name :	P7
Client Sample ID :	390712131.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:43:19	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	286941	290056	288034	288344	0.55	cps
Zirconium	90-1	125	83	75	94	28.37	cps
Zirconium	91-1	33	42	8	28	62.46	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3950-01	Instrumnet Name :	P7
Client Sample ID :	390712129.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:46:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	150	242	183	27.65	cps
Antimony	121-1	700	658	542	633	12.96	cps
Arsenic	75-1	88	85	98	90	7.54	cps
Barium	135-1	6760	6827	6068	6552	6.41	cps
Barium	137-1	11380	11263	11172	11272	0.93	cps
Beryllium	9-1	30	30	17	26	30.11	cps
Bismuth	209-1	774303	754092	748894	759096	1.77	cps
Bismuth	209-2	458014	462057	458199	459423	0.50	cps
Boron	10-1	2625	2667	2617	2636	1.02	cps
Boron	11-1	10504	10621	10604	10576	0.60	cps
Cadmium	111-1	386	278	318	327	16.69	cps
Cadmium	106-1	508	350	417	425	18.70	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Calcium	43-1	137912	132623	133489	134675	2.11	cps
Calcium	44-1	2228645	2201470	2182879	2204331	1.04	cps
Chromium	52-2	187	237	227	217	12.21	cps
Cobalt	59-2	430	357	457	414	12.49	cps
Copper	63-2	125361	126676	126262	126099	0.53	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	0	33	14	124.91	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	8	8	8	8	0.00	cps
Gadolinium	160-2	23	10	17	17	39.99	cps
Holmium	165-1	1311731	1310760	1312819	1311770	0.08	cps
Holmium	165-2	725137	722917	722711	723589	0.19	cps
Indium	115-1	950803	929849	907862	929505	2.31	cps
Indium	115-2	196118	198245	196465	196943	0.58	cps
Iron	56-2	6818	6946	7536	7100	5.39	cps
Iron	57-2	1133	1095	1156	1128	2.74	cps
Krypton	83-1	57	50	40	49	17.16	cps
Lead	206-1	983	1017	1011	1004	1.78	cps
Lead	207-1	895	872	872	880	1.46	cps
Lead	208-1	3923	4095	4028	4015	2.16	cps
Lithium	6-1	819897	811243	807108	812749	0.80	cps
Magnesium	24-2	389022	393027	390658	390902	0.52	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3950-01	Instrumnet Name :	P7
Client Sample ID :	390712129.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:46:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8906	8706	9156	8923	2.53	cps
Molybdenum	94-1	283	142	92	172	57.73	cps
Molybdenum	95-1	292	208	300	267	19.01	cps
Molybdenum	96-1	233	292	225	250	14.53	cps
Molybdenum	97-1	150	83	133	122	28.39	cps
Molybdenum	98-1	442	358	350	383	13.22	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110882	110871	113109	111621	1.15	cps
Phosphorus	31-2	958	908	1075	981	8.72	cps
Potassium	39-2	68777	69957	68734	69156	1.00	cps
Rhodium	103-1	942529	914353	903720	920201	2.18	cps
Rhodium	103-2	446338	456634	448746	450573	1.20	cps
Scandium	45-1	1157400	1141379	1133662	1144147	1.06	cps
Scandium	45-2	53028	53724	54011	53588	0.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	17	11	16	29.04	cps
Selenium	82-1	42	29	48	40	24.19	cps
Silicon	28-1	5643226	5602855	5616359	5620813	0.37	cps
Silver	109-1	25	50	42	39	32.73	cps
Silver	107-1	8	58	58	42	69.29	cps
Sodium	23-2	4990562	5018859	5035697	5015039	0.45	cps
Strontium	86-1	40441	39823	40132	40132	0.77	cps
Strontium	88-1	348055	339296	332686	340012	2.27	cps
Sulfur	34-1	133728	132771	132013	132837	0.65	cps
Terbium	159-1	1368494	1367402	1351682	1362526	0.69	cps
Terbium	159-2	707675	717860	714106	713214	0.72	cps
Thallium	203-1	75	67	25	56	48.22	cps
Thallium	205-1	158	158	108	142	20.38	cps
Thorium	232-1	28	22	28	26	12.38	cps
Tin	118-1	592	533	392	506	20.35	cps
Titanium	47-1	233	183	183	200	14.43	cps
Uranium	238-1	58	117	50	75	48.43	cps
Vanadium	51-2	90	100	97	96	5.33	cps
Yttrium	89-1	1347114	1354635	1333185	1344978	0.81	cps
Yttrium	89-2	201535	203945	202354	202611	0.60	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3950-01	Instrumnet Name :	P7
Client Sample ID :	390712129.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:46:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	151219	152846	153826	152630	0.86	cps
Zirconium	90-1	175	92	100	122	37.55	cps
Zirconium	91-1	17	58	25	33	66.14	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3951-01	Instrumnet Name :	P7
Client Sample ID :	390712128.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:50:33	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	183	250	211	16.43	cps
Antimony	121-1	6552	6168	6077	6266	4.02	cps
Arsenic	75-1	73	194	165	144	43.83	cps
Barium	135-1	7244	7160	6835	7080	3.05	cps
Barium	137-1	11747	12364	12064	12058	2.56	cps
Beryllium	9-1	47	40	30	39	21.57	cps
Bismuth	209-1	778051	752765	765289	765368	1.65	cps
Bismuth	209-2	467497	471220	470342	469686	0.41	cps
Boron	10-1	2909	2867	2867	2881	0.84	cps
Boron	11-1	12347	12097	12939	12461	3.47	cps
Cadmium	111-1	402	311	341	351	13.16	cps
Cadmium	106-1	583	433	467	494	15.93	cps
Cadmium	108-1	75	67	63	68	9.35	cps
Calcium	43-1	173767	168929	172738	171811	1.48	cps
Calcium	44-1	2823559	2824202	2832201	2826654	0.17	cps
Chromium	52-2	357	417	340	371	10.87	cps
Cobalt	59-2	3634	3737	3671	3681	1.42	cps
Copper	63-2	155371	153851	155115	154779	0.53	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	0	8	17	8	100.02	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	17	0	0	6	173.21	cps
Gadolinium	160-2	23	40	17	27	45.07	cps
Holmium	165-1	1320186	1320608	1342605	1327799	0.97	cps
Holmium	165-2	746401	740191	741379	742657	0.44	cps
Indium	115-1	945326	922309	929572	932402	1.26	cps
Indium	115-2	206609	203249	204077	204645	0.86	cps
Iron	56-2	14407	15125	15025	14852	2.62	cps
Iron	57-2	1450	1656	1522	1543	6.76	cps
Krypton	83-1	57	47	27	43	35.25	cps
Lead	206-1	18497	17868	18218	18194	1.73	cps
Lead	207-1	15526	15821	15053	15467	2.50	cps
Lead	208-1	72624	71521	72770	72305	0.94	cps
Lithium	6-1	858074	847901	851396	852457	0.61	cps
Magnesium	24-2	353824	350579	349426	351276	0.65	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3951-01	Instrumnet Name :	P7
Client Sample ID :	390712128.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:50:33	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1750	1657	1720	1709	2.79	cps
Molybdenum	94-1	108	83	108	100	14.43	cps
Molybdenum	95-1	108	150	108	122	19.68	cps
Molybdenum	96-1	92	175	150	139	30.79	cps
Molybdenum	97-1	17	150	100	89	75.78	cps
Molybdenum	98-1	875	775	867	839	6.61	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2574982	2556409	2531293	2554228	0.86	cps
Phosphorus	31-2	642	625	617	628	2.03	cps
Potassium	39-2	71866	72377	71397	71880	0.68	cps
Rhodium	103-1	935622	926553	927038	929737	0.55	cps
Rhodium	103-2	468403	465522	467544	467156	0.32	cps
Scandium	45-1	1177846	1156856	1163243	1165981	0.92	cps
Scandium	45-2	56996	55942	55791	56243	1.17	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	24	19	17	50.90	cps
Selenium	82-1	33	50	51	45	21.90	cps
Silicon	28-1	4285598	4274786	4353556	4304647	0.99	cps
Silver	109-1	33	8	17	19	65.47	cps
Silver	107-1	17	42	8	22	78.07	cps
Sodium	23-2	5278117	5205678	5169303	5217700	1.06	cps
Strontium	86-1	49595	48675	51552	49940	2.94	cps
Strontium	88-1	423526	415627	416048	418400	1.06	cps
Sulfur	34-1	148196	144147	143718	145354	1.70	cps
Terbium	159-1	1356882	1359158	1373390	1363143	0.66	cps
Terbium	159-2	737288	737372	736491	737050	0.07	cps
Thallium	203-1	133	58	108	100	38.19	cps
Thallium	205-1	267	183	200	217	20.35	cps
Thorium	232-1	6	17	22	15	57.25	cps
Tin	118-1	11041	11615	11030	11229	2.98	cps
Titanium	47-1	242	167	100	169	41.83	cps
Uranium	238-1	92	92	33	72	46.64	cps
Vanadium	51-2	43	37	30	37	18.18	cps
Yttrium	89-1	1363168	1347126	1365634	1358643	0.74	cps
Yttrium	89-2	211596	208638	208422	209552	0.85	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3951-01	Instrumnet Name :	P7
Client Sample ID :	390712128.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:50:33	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	529205	527419	524170	526932	0.48	cps
Zirconium	90-1	117	150	100	122	20.83	cps
Zirconium	91-1	42	8	0	17	132.30	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3953-01	Instrumnet Name :	P7
Client Sample ID :	390712126.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:54:09	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	58	50	67	33.07	cps
Antimony	121-1	942	792	767	833	11.36	cps
Arsenic	75-1	5	37	148	63	118.66	cps
Barium	135-1	6727	6418	6785	6644	2.97	cps
Barium	137-1	11672	11597	11580	11616	0.42	cps
Beryllium	9-1	30	33	33	32	5.97	cps
Bismuth	209-1	771743	752921	769640	764768	1.35	cps
Bismuth	209-2	461050	468413	467826	465763	0.88	cps
Boron	10-1	2975	2875	2834	2895	2.52	cps
Boron	11-1	12339	12364	12205	12303	0.69	cps
Cadmium	111-1	404	398	408	403	1.25	cps
Cadmium	106-1	508	508	508	508	0.00	cps
Cadmium	108-1	50	29	21	33	45.07	cps
Calcium	43-1	126738	124076	125924	125579	1.09	cps
Calcium	44-1	2059079	2055945	2080300	2065108	0.64	cps
Chromium	52-2	237	193	190	207	12.60	cps
Cobalt	59-2	4361	4667	4481	4503	3.43	cps
Copper	63-2	113240	114786	113240	113755	0.78	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	0	0	0	0	0.00	cps
Gadolinium	160-2	13	30	17	20	44.10	cps
Holmium	165-1	1304272	1300521	1325543	1310112	1.03	cps
Holmium	165-2	724804	736529	729392	730242	0.81	cps
Indium	115-1	949495	927495	945641	940877	1.25	cps
Indium	115-2	199331	202310	201082	200908	0.75	cps
Iron	56-2	2217	2045	2195	2152	4.35	cps
Iron	57-2	872	945	967	928	5.32	cps
Krypton	83-1	30	63	50	48	35.11	cps
Lead	206-1	2500	2378	2345	2408	3.40	cps
Lead	207-1	2028	2139	2034	2067	3.03	cps
Lead	208-1	9768	9774	9302	9615	2.82	cps
Lithium	6-1	833646	823251	835775	830891	0.81	cps
Magnesium	24-2	350522	349040	356816	352126	1.17	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3953-01	Instrumnet Name :	P7
Client Sample ID :	390712126.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:54:09	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1827	1700	1813	1780	3.91	cps
Molybdenum	94-1	142	233	150	175	28.97	cps
Molybdenum	95-1	275	175	158	203	31.12	cps
Molybdenum	96-1	175	267	342	261	31.97	cps
Molybdenum	97-1	75	133	158	122	34.99	cps
Molybdenum	98-1	533	775	700	669	18.48	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1519780	1532663	1520479	1524307	0.48	cps
Phosphorus	31-2	558	667	583	603	9.41	cps
Potassium	39-2	61838	63536	62984	62786	1.38	cps
Rhodium	103-1	946627	921402	929644	932558	1.38	cps
Rhodium	103-2	452029	465265	461226	459507	1.48	cps
Scandium	45-1	1171084	1138007	1158276	1155789	1.44	cps
Scandium	45-2	55213	54527	55310	55016	0.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	17	17	16	6.69	cps
Selenium	82-1	86	23	33	47	71.72	cps
Silicon	28-1	4306484	4258128	4327763	4297458	0.83	cps
Silver	109-1	25	8	0	11	114.58	cps
Silver	107-1	25	42	17	28	45.82	cps
Sodium	23-2	4969481	4984287	4949016	4967595	0.36	cps
Strontium	86-1	37074	37157	36999	37077	0.21	cps
Strontium	88-1	315609	310957	310269	312278	0.93	cps
Sulfur	34-1	142719	140188	137924	140277	1.71	cps
Terbium	159-1	1361903	1359706	1380895	1367501	0.85	cps
Terbium	159-2	716841	734047	729024	726637	1.22	cps
Thallium	203-1	42	42	17	33	43.30	cps
Thallium	205-1	108	150	125	128	16.41	cps
Thorium	232-1	11	33	17	20	56.76	cps
Tin	118-1	108	83	100	97	13.09	cps
Titanium	47-1	233	192	175	200	15.02	cps
Uranium	238-1	33	58	17	36	58.08	cps
Vanadium	51-2	60	50	53	54	9.35	cps
Yttrium	89-1	1360492	1353791	1370134	1361472	0.60	cps
Yttrium	89-2	205058	207952	206234	206415	0.70	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3953-01	Instrumnet Name :	P7
Client Sample ID :	390712126.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:54:09	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	305145	306725	309101	306991	0.65	cps
Zirconium	90-1	125	67	92	94	30.99	cps
Zirconium	91-1	8	33	25	22	57.29	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:57:44	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1226075	1224461	1232122	1227553	0.33	cps
Antimony	121-1	543909	530317	532950	535726	1.35	cps
Arsenic	75-1	149693	144475	142225	145464	2.63	cps
Barium	135-1	730970	716066	723940	723658	1.03	cps
Barium	137-1	1256825	1244283	1255287	1252132	0.55	cps
Beryllium	9-1	313889	308092	308556	310179	1.04	cps
Bismuth	209-1	686710	668221	669760	674897	1.52	cps
Bismuth	209-2	420043	419068	422452	420521	0.41	cps
Boron	10-1	56983	54901	55904	55929	1.86	cps
Boron	11-1	234082	232478	231606	232722	0.54	cps
Cadmium	111-1	150089	147308	146168	147855	1.36	cps
Cadmium	106-1	17370	17411	17011	17264	1.27	cps
Cadmium	108-1	12385	11697	11597	11893	3.61	cps
Calcium	43-1	1542650	1522829	1531078	1532185	0.65	cps
Calcium	44-1	25137095	24830188	25009217	24992167	0.62	cps
Chromium	52-2	262278	265721	263141	263713	0.68	cps
Cobalt	59-2	326312	328776	330362	328483	0.62	cps
Copper	63-2	405037	409164	410654	408285	0.71	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	27	20	27	24	15.75	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	8	8	0	6	86.60	cps
Gadolinium	160-2	13	23	23	20	28.87	cps
Holmium	165-1	1272562	1260165	1277137	1269955	0.69	cps
Holmium	165-2	715270	712267	714828	714122	0.23	cps
Indium	115-1	860676	840350	845845	848957	1.24	cps
Indium	115-2	184098	185943	186281	185441	0.63	cps
Iron	56-2	46752034	46287026	46181145	46406735	0.65	cps
Iron	57-2	1223376	1226234	1233494	1227701	0.42	cps
Krypton	83-1	57	40	37	44	24.11	cps
Lead	206-1	394887	388276	391197	391453	0.85	cps
Lead	207-1	358880	352606	354995	355494	0.89	cps
Lead	208-1	1633790	1616767	1625816	1625458	0.52	cps
Lithium	6-1	781871	765745	771181	772932	1.06	cps
Magnesium	24-2	12868776	12813471	12818070	12833439	0.24	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:57:44	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	311475	311751	314372	312533	0.51	cps
Molybdenum	94-1	1499974	1492556	1492977	1495169	0.28	cps
Molybdenum	95-1	1859324	1832482	1831991	1841266	0.85	cps
Molybdenum	96-1	2043089	2019916	2042505	2035170	0.65	cps
Molybdenum	97-1	1102628	1094619	1088482	1095243	0.65	cps
Molybdenum	98-1	2918454	2912865	2917254	2916191	0.10	cps
Neodymium	150-1	93	33	67	64	46.65	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	77108	77282	76585	76992	0.47	cps
Phosphorus	31-2	12714	12547	12781	12681	0.95	cps
Potassium	39-2	5815779	5747766	5770305	5777950	0.60	cps
Rhodium	103-1	803711	790972	789934	794872	0.97	cps
Rhodium	103-2	405037	403955	409302	406098	0.70	cps
Scandium	45-1	1082732	1060998	1062007	1068579	1.15	cps
Scandium	45-2	51851	51894	52054	51933	0.21	cps
Selenium	77-2	677	683	727	696	3.90	cps
Selenium	78-2	2447	2345	2345	2379	2.47	cps
Selenium	82-1	13605	13513	14149	13756	2.50	cps
Silicon	28-1	852340	849534	875505	859127	1.66	cps
Silver	109-1	650362	644099	643340	645934	0.60	cps
Silver	107-1	678162	666743	670867	671924	0.86	cps
Sodium	23-2	27040766	26862757	26948881	26950802	0.33	cps
Strontium	86-1	233792	228896	226992	229893	1.53	cps
Strontium	88-1	1982236	1979329	1977804	1979790	0.11	cps
Sulfur	34-1	215612	209413	209469	211498	1.68	cps
Terbium	159-1	1319560	1296333	1306318	1307404	0.89	cps
Terbium	159-2	707645	702356	707953	705985	0.45	cps
Thallium	203-1	481489	476116	478406	478670	0.56	cps
Thallium	205-1	1167565	1167765	1178416	1171249	0.53	cps
Thorium	232-1	2255944	2240098	2260364	2252136	0.47	cps
Tin	118-1	441738	436749	439267	439251	0.57	cps
Titanium	47-1	716801	698030	701822	705551	1.41	cps
Uranium	238-1	2227257	2236993	2244435	2236228	0.39	cps
Vanadium	51-2	230894	231547	230485	230976	0.23	cps
Yttrium	89-1	1265147	1252196	1265097	1260813	0.59	cps
Yttrium	89-2	195818	197177	199349	197448	0.90	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 19:57:44	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67435	68215	69725	68458	1.70	cps
Zirconium	90-1	1252209	1250709	1259601	1254173	0.38	cps
Zirconium	91-1	274941	271853	267760	271518	1.33	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : CCB52 Instrumnet Name : P7
 Client Sample ID : CCB52 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 20:01:22 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	75	50	67	21.65	cps
Antimony	121-1	542	617	508	556	9.99	cps
Arsenic	75-1	-53	-101	-92	-82	-31.47	cps
Barium	135-1	50	83	58	64	27.15	cps
Barium	137-1	108	158	58	108	46.15	cps
Beryllium	9-1	93	87	87	89	4.33	cps
Bismuth	209-1	767940	761861	751278	760360	1.11	cps
Bismuth	209-2	461869	467082	459005	462652	0.89	cps
Boron	10-1	2634	2375	2100	2370	11.26	cps
Boron	11-1	11513	10421	9403	10446	10.10	cps
Cadmium	111-1	294	308	318	307	3.95	cps
Cadmium	106-1	408	408	425	414	2.33	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	117	142	150	136	12.75	cps
Calcium	44-1	4901	4743	4451	4698	4.86	cps
Chromium	52-2	227	167	180	191	16.49	cps
Cobalt	59-2	40	20	23	28	38.58	cps
Copper	63-2	93	113	107	104	9.75	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	0	17	8	8	100.02	cps
Gadolinium	160-2	7	27	0	11	124.89	cps
Holmium	165-1	1275775	1284376	1280508	1280220	0.34	cps
Holmium	165-2	708191	711062	707052	708768	0.29	cps
Indium	115-1	920378	912861	906195	913145	0.78	cps
Indium	115-2	196029	198270	198643	197647	0.72	cps
Iron	56-2	4128	3701	3234	3688	12.13	cps
Iron	57-2	89	117	78	94	21.21	cps
Krypton	83-1	37	27	43	36	23.58	cps
Lead	206-1	111	78	61	83	30.55	cps
Lead	207-1	50	56	39	48	17.63	cps
Lead	208-1	350	300	228	293	21.00	cps
Lithium	6-1	804003	801665	806763	804143	0.32	cps
Magnesium	24-2	683	733	450	622	24.30	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:01:22	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	13	13	19	50.96	cps
Molybdenum	94-1	367	350	208	308	28.22	cps
Molybdenum	95-1	342	350	358	350	2.38	cps
Molybdenum	96-1	425	383	358	389	8.66	cps
Molybdenum	97-1	225	267	192	228	16.50	cps
Molybdenum	98-1	525	500	533	519	3.34	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	17	13	13	14	13.35	cps
Phosphorus	31-2	33	33	50	39	24.75	cps
Potassium	39-2	5151	5201	5209	5187	0.61	cps
Rhodium	103-1	923419	916372	914628	918140	0.51	cps
Rhodium	103-2	454563	454121	454350	454345	0.05	cps
Scandium	45-1	1133482	1123054	1124200	1126912	0.51	cps
Scandium	45-2	53005	52463	53573	53013	1.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	17	7	14	39.36	cps
Selenium	82-1	55	65	55	58	9.56	cps
Silicon	28-1	75850	72811	69821	72827	4.14	cps
Silver	109-1	83	50	75	69	24.98	cps
Silver	107-1	100	92	83	92	9.09	cps
Sodium	23-2	8353	8077	8169	8200	1.71	cps
Strontium	86-1	100	117	58	92	32.77	cps
Strontium	88-1	217	183	150	183	18.18	cps
Sulfur	34-1	99337	98273	98558	98723	0.56	cps
Terbium	159-1	1316805	1321556	1330943	1323101	0.54	cps
Terbium	159-2	705142	702361	706213	704572	0.28	cps
Thallium	203-1	225	125	150	167	31.22	cps
Thallium	205-1	458	308	350	372	20.80	cps
Thorium	232-1	472	439	394	435	8.97	cps
Tin	118-1	100	108	225	144	48.38	cps
Titanium	47-1	142	108	100	117	18.90	cps
Uranium	238-1	192	233	142	189	24.30	cps
Vanadium	51-2	10	17	10	12	31.50	cps
Yttrium	89-1	1299832	1315022	1329646	1314833	1.13	cps
Yttrium	89-2	200140	199468	203005	200871	0.94	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:01:22	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	33	43	40	39	13.09	cps
Zirconium	90-1	292	200	258	250	18.56	cps
Zirconium	91-1	83	58	67	69	18.33	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3954-01	Instrumnet Name :	P7
Client Sample ID :	390712127.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:04:58	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	242	150	228	31.54	cps
Antimony	121-1	96648	95516	93310	95158	1.78	cps
Arsenic	75-1	97	204	79	126	53.61	cps
Barium	135-1	5885	5543	6185	5871	5.47	cps
Barium	137-1	10171	10521	10354	10349	1.69	cps
Beryllium	9-1	53	20	47	40	44.09	cps
Bismuth	209-1	745233	734756	733061	737684	0.89	cps
Bismuth	209-2	449040	452903	458180	453374	1.01	cps
Boron	10-1	18495	18529	18737	18587	0.71	cps
Boron	11-1	76284	78529	77248	77354	1.46	cps
Cadmium	111-1	394	404	446	415	6.70	cps
Cadmium	106-1	450	458	567	492	13.24	cps
Cadmium	108-1	54	42	54	50	14.43	cps
Calcium	43-1	133549	134541	132336	133475	0.83	cps
Calcium	44-1	2205941	2195719	2193979	2198546	0.29	cps
Chromium	52-2	623	603	530	586	8.39	cps
Cobalt	59-2	5201	5238	5091	5177	1.47	cps
Copper	63-2	266968	270805	270512	269428	0.79	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	0	17	8	8	100.02	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	17	17	0	11	86.60	cps
Gadolinium	160-2	23	33	20	26	27.15	cps
Holmium	165-1	1267567	1282576	1297622	1282589	1.17	cps
Holmium	165-2	712158	716159	720601	716306	0.59	cps
Indium	115-1	912546	909723	901102	907790	0.66	cps
Indium	115-2	194767	198452	197696	196972	0.99	cps
Iron	56-2	17005	17044	17544	17198	1.75	cps
Iron	57-2	1456	1422	1339	1406	4.28	cps
Krypton	83-1	47	40	53	47	14.28	cps
Lead	206-1	10160	9860	9782	9934	2.01	cps
Lead	207-1	8408	8447	8375	8410	0.43	cps
Lead	208-1	39429	39279	37632	38780	2.57	cps
Lithium	6-1	1117433	1107175	1119367	1114658	0.59	cps
Magnesium	24-2	388832	394449	391681	391654	0.72	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3954-01	Instrumnet Name :	P7
Client Sample ID :	390712127.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:04:58	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10741	11074	10894	10903	1.53	cps
Molybdenum	94-1	167	158	250	192	26.45	cps
Molybdenum	95-1	192	267	267	242	17.92	cps
Molybdenum	96-1	317	225	225	256	20.71	cps
Molybdenum	97-1	100	117	117	111	8.66	cps
Molybdenum	98-1	1008	992	958	986	2.58	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2372164	2370131	2371903	2371400	0.05	cps
Phosphorus	31-2	692	900	850	814	13.36	cps
Potassium	39-2	79338	81507	81883	80909	1.70	cps
Rhodium	103-1	916946	904186	904017	908383	0.82	cps
Rhodium	103-2	449032	452185	450713	450643	0.35	cps
Scandium	45-1	1131684	1125596	1122807	1126696	0.40	cps
Scandium	45-2	54199	53737	54252	54063	0.52	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	20	15	14	45.80	cps
Selenium	82-1	51	46	54	50	7.62	cps
Silicon	28-1	4912127	4968605	5022813	4967848	1.11	cps
Silver	109-1	17	25	42	28	45.82	cps
Silver	107-1	67	25	25	39	61.86	cps
Sodium	23-2	5817968	5830362	5839444	5829258	0.18	cps
Strontium	86-1	37901	36464	38494	37620	2.78	cps
Strontium	88-1	323043	321552	318016	320870	0.80	cps
Sulfur	34-1	158047	155765	158416	157409	0.91	cps
Terbium	159-1	1322720	1325719	1336721	1328387	0.55	cps
Terbium	159-2	708079	712134	713287	711166	0.38	cps
Thallium	203-1	217	217	150	194	19.79	cps
Thallium	205-1	367	375	342	361	4.80	cps
Thorium	232-1	83	139	89	104	29.50	cps
Tin	118-1	246823	242778	241881	243827	1.08	cps
Titanium	47-1	250	458	483	397	32.25	cps
Uranium	238-1	33	8	8	17	86.62	cps
Vanadium	51-2	33	43	17	31	43.29	cps
Yttrium	89-1	1313168	1317351	1327309	1319276	0.55	cps
Yttrium	89-2	200689	203846	205606	203380	1.22	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	K3954-01	Instrumnet Name :	P7
Client Sample ID :	390712127.0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:04:58	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	473307	475972	474960	474746	0.28	cps
Zirconium	90-1	192	208	192	197	4.88	cps
Zirconium	91-1	17	50	42	36	48.03	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:08:33	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1251444	1258214	1256305	1255321	0.28	cps
Antimony	121-1	562769	551680	555974	556807	1.00	cps
Arsenic	75-1	151411	147105	148767	149094	1.46	cps
Barium	135-1	741860	723774	731180	732271	1.24	cps
Barium	137-1	1277436	1259954	1266632	1268007	0.70	cps
Beryllium	9-1	324730	321639	319608	321992	0.80	cps
Bismuth	209-1	689437	675038	674421	679632	1.25	cps
Bismuth	209-2	419310	430883	426185	425459	1.37	cps
Boron	10-1	58339	58489	59861	58896	1.42	cps
Boron	11-1	240695	243964	245373	243344	0.99	cps
Cadmium	111-1	161190	159098	158168	159485	0.97	cps
Cadmium	106-1	18788	18446	18705	18646	0.96	cps
Cadmium	108-1	12527	12381	12381	12429	0.68	cps
Calcium	43-1	1570447	1564773	1565399	1566873	0.20	cps
Calcium	44-1	25751747	25497793	25643322	25630954	0.50	cps
Chromium	52-2	264501	270924	268746	268057	1.22	cps
Cobalt	59-2	330977	335254	335777	334002	0.79	cps
Copper	63-2	410682	418673	419599	416318	1.18	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	17	23	16	53.90	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	17	8	0	8	100.02	cps
Gadolinium	160-2	27	17	23	22	22.91	cps
Holmium	165-1	1291376	1275854	1280363	1282531	0.62	cps
Holmium	165-2	719220	733209	731270	727900	1.04	cps
Indium	115-1	870266	854475	854153	859631	1.07	cps
Indium	115-2	188237	190661	189467	189455	0.64	cps
Iron	56-2	47450872	47592784	46976447	47340034	0.68	cps
Iron	57-2	1244617	1260430	1249614	1251554	0.65	cps
Krypton	83-1	57	67	43	56	21.08	cps
Lead	206-1	407021	397422	395176	399873	1.57	cps
Lead	207-1	367601	362452	359900	363318	1.08	cps
Lead	208-1	1672327	1651803	1649594	1657908	0.76	cps
Lithium	6-1	801003	791396	789821	794073	0.76	cps
Magnesium	24-2	13200438	13219153	13044614	13154735	0.73	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:08:33	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	313469	320432	318594	317498	1.14	cps
Molybdenum	94-1	1532738	1526322	1528830	1529296	0.21	cps
Molybdenum	95-1	1883224	1867046	1864811	1871694	0.54	cps
Molybdenum	96-1	2083120	2078289	2078327	2079912	0.13	cps
Molybdenum	97-1	1140277	1106583	1109441	1118767	1.67	cps
Molybdenum	98-1	2980792	2957978	2981314	2973361	0.45	cps
Neodymium	150-1	53	47	47	49	7.88	cps
Neodymium	150-2	20	13	13	16	24.76	cps
Nickel	60-2	77627	78968	77899	78165	0.91	cps
Phosphorus	31-2	12998	12814	13173	12995	1.38	cps
Potassium	39-2	5885661	5888316	5874799	5882925	0.12	cps
Rhodium	103-1	813378	805256	805476	808036	0.57	cps
Rhodium	103-2	410155	416835	416112	414367	0.88	cps
Scandium	45-1	1086006	1083706	1092406	1087373	0.41	cps
Scandium	45-2	52964	53781	52921	53222	0.91	cps
Selenium	77-2	750	713	723	729	2.60	cps
Selenium	78-2	2397	2358	2413	2389	1.19	cps
Selenium	82-1	14348	14143	14092	14194	0.96	cps
Silicon	28-1	962070	972392	991069	975177	1.51	cps
Silver	109-1	681888	665260	668204	671784	1.32	cps
Silver	107-1	701386	697953	696543	698627	0.36	cps
Sodium	23-2	27705077	27777438	27262413	27581643	1.01	cps
Strontium	86-1	243244	238218	238041	239834	1.23	cps
Strontium	88-1	2059536	2046487	2053742	2053255	0.32	cps
Sulfur	34-1	215410	215155	211742	214102	0.96	cps
Terbium	159-1	1328081	1305737	1319269	1317695	0.85	cps
Terbium	159-2	706476	725025	726633	719378	1.56	cps
Thallium	203-1	487455	481142	479941	482846	0.84	cps
Thallium	205-1	1201978	1193547	1188318	1194614	0.58	cps
Thorium	232-1	2284679	2250208	2266599	2267162	0.76	cps
Tin	118-1	450640	439725	447639	446002	1.26	cps
Titanium	47-1	721906	714858	714267	717010	0.59	cps
Uranium	238-1	2261341	2242086	2259188	2254205	0.47	cps
Vanadium	51-2	233459	238428	235502	235796	1.06	cps
Yttrium	89-1	1279324	1273894	1275687	1276302	0.22	cps
Yttrium	89-2	197916	202647	200596	200387	1.18	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:08:33	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67595	67264	67495	67452	0.25	cps
Zirconium	90-1	1290219	1278711	1282552	1283827	0.46	cps
Zirconium	91-1	279822	276000	277234	277685	0.70	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : CCB53 Instrumnet Name : P7
 Client Sample ID : CCB53 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 20:12:11 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	42	33	56	56.79	cps
Antimony	121-1	683	467	458	536	23.80	cps
Arsenic	75-1	-12	-174	-60	-82	-101.63	cps
Barium	135-1	33	42	67	47	36.74	cps
Barium	137-1	100	92	83	92	9.09	cps
Beryllium	9-1	103	67	77	82	23.05	cps
Bismuth	209-1	786462	762739	753822	767674	2.20	cps
Bismuth	209-2	469598	470442	474167	471403	0.52	cps
Boron	10-1	2734	2675	2484	2631	4.97	cps
Boron	11-1	11663	10788	9728	10726	9.03	cps
Cadmium	111-1	331	310	283	308	7.73	cps
Cadmium	106-1	433	383	375	397	7.94	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	175	133	50	119	53.29	cps
Calcium	44-1	4784	4493	3976	4418	9.27	cps
Chromium	52-2	143	120	193	152	24.61	cps
Cobalt	59-2	20	7	7	11	69.25	cps
Copper	63-2	103	90	83	92	11.05	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	0	8	0	3	173.21	cps
Gadolinium	160-2	17	20	27	21	24.12	cps
Holmium	165-1	1307608	1292207	1296859	1298891	0.61	cps
Holmium	165-2	710370	723206	727938	720505	1.26	cps
Indium	115-1	948521	923577	923762	931953	1.54	cps
Indium	115-2	199272	200263	204509	201348	1.38	cps
Iron	56-2	2700	2317	1911	2310	17.08	cps
Iron	57-2	78	100	78	85	15.06	cps
Krypton	83-1	40	67	80	62	32.73	cps
Lead	206-1	83	94	33	70	46.26	cps
Lead	207-1	100	39	28	56	70.00	cps
Lead	208-1	322	261	206	263	22.19	cps
Lithium	6-1	834523	816294	817578	822798	1.24	cps
Magnesium	24-2	558	367	283	403	35.01	cps

LB Number : LB104210 Operator : Jaswal
 Lab Sample ID : CCB53 Instrumnet Name : P7
 Client Sample ID : CCB53 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-24 20:12:11 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3	13	13	10	57.75	cps
Molybdenum	94-1	300	300	300	300	0.00	cps
Molybdenum	95-1	425	383	325	378	13.30	cps
Molybdenum	96-1	517	358	392	422	19.77	cps
Molybdenum	97-1	250	133	192	192	30.43	cps
Molybdenum	98-1	750	517	550	606	20.84	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	17	23	21	18.21	cps
Phosphorus	31-2	17	17	75	36	93.25	cps
Potassium	39-2	4884	5293	5043	5073	4.06	cps
Rhodium	103-1	953441	926822	923210	934491	1.77	cps
Rhodium	103-2	457154	466677	464783	462871	1.09	cps
Scandium	45-1	1162233	1143248	1141715	1149065	0.99	cps
Scandium	45-2	53834	55085	55487	54802	1.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	22	13	17	26.96	cps
Selenium	82-1	55	57	13	41	60.35	cps
Silicon	28-1	101744	94044	89308	95032	6.60	cps
Silver	109-1	125	58	25	69	73.32	cps
Silver	107-1	58	108	92	86	29.56	cps
Sodium	23-2	7636	8044	7627	7769	3.07	cps
Strontium	86-1	100	100	50	83	34.64	cps
Strontium	88-1	167	233	117	172	33.99	cps
Sulfur	34-1	94314	94684	90985	93328	2.18	cps
Terbium	159-1	1349628	1333526	1351089	1344748	0.72	cps
Terbium	159-2	707163	716431	727564	717053	1.42	cps
Thallium	203-1	183	142	217	181	20.81	cps
Thallium	205-1	425	417	333	392	12.94	cps
Thorium	232-1	533	489	522	515	4.49	cps
Tin	118-1	142	158	183	161	13.02	cps
Titanium	47-1	117	42	42	67	64.95	cps
Uranium	238-1	217	192	142	183	20.83	cps
Vanadium	51-2	13	0	10	8	89.21	cps
Yttrium	89-1	1333485	1323734	1330713	1329311	0.38	cps
Yttrium	89-2	202529	205739	206095	204788	0.96	cps

LB Number :	LB104210	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2019-07-24 20:12:11	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	37	50	40	42	16.43	cps
Zirconium	90-1	308	225	275	269	15.57	cps
Zirconium	91-1	42	58	58	53	18.23	cps