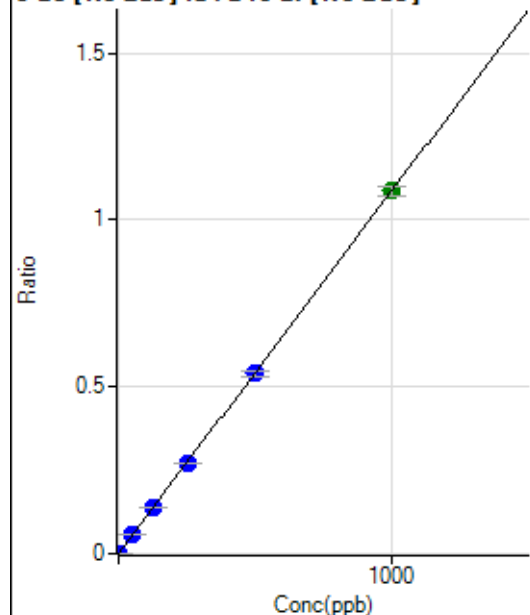


Batch Folder: D:\P8032719MS.b\
Analysis File: P8032719MS.batch.bin
DA Date-Time: 2019-03-27 17:23:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-03-27 14:44:15
2			
3	005CALS.d	S02	2019-03-27 14:51:57
4	006CALS.d	S03	2019-03-27 14:55:48
5	007CALS.d	S04	2019-03-27 14:59:38
6	008CALS.d	S05	2019-03-27 15:03:25
7	009CALS.d	S06	2019-03-27 15:07:06
8	010CALS.d	S07	2019-03-27 15:10:43
9	011CALS.d	S08	2019-03-27 15:14:12

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0000	P	22.9
2	☐	0.100					
3	☐	1.000	0.945	1646.79	0.0011	P	4.3
4	☐	50.000	51.007	86425.11	0.0554	P	2.1
5	☐	125.000	126.008	215992.91	0.1368	P	1.8
6	☐	250.000	249.179	436931.82	0.2705	P	0.7
7	☐	500.000	498.332	863780.46	0.5409	P	3.1
8	☐	1000.000	1000.863	1750808.05	1.0864	A	2.8
9	☐			148.89	0.0001	P	30.0

$$y = 0.0011 * x + 2.6226E-005$$

$$R = 1.0000$$

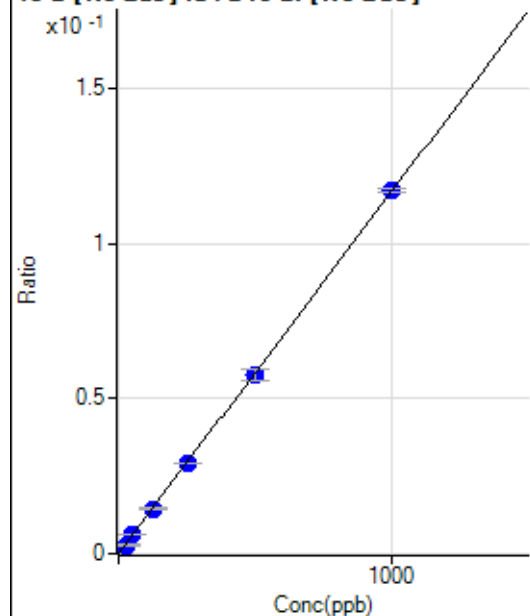
$$DL = 0.01657$$

$$BEC = 0.02416$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0001	P	41.5
2	☐	2.500					
3	☐	25.000	22.782	4261.94	0.0027	P	5.9
4	☐	50.000	52.313	9631.39	0.0062	P	2.8
5	☐	125.000	124.375	23033.23	0.0146	P	1.1
6	☐	250.000	251.297	47498.82	0.0294	P	0.5
7	☐	500.000	494.414	92239.65	0.0578	P	5.6
8	☐	1000.000	1002.487	188767.33	0.1171	P	1.0
9	☐			5512.41	0.0038	P	4.4

$$y = 1.1675E-004 * x + 6.5366E-005$$

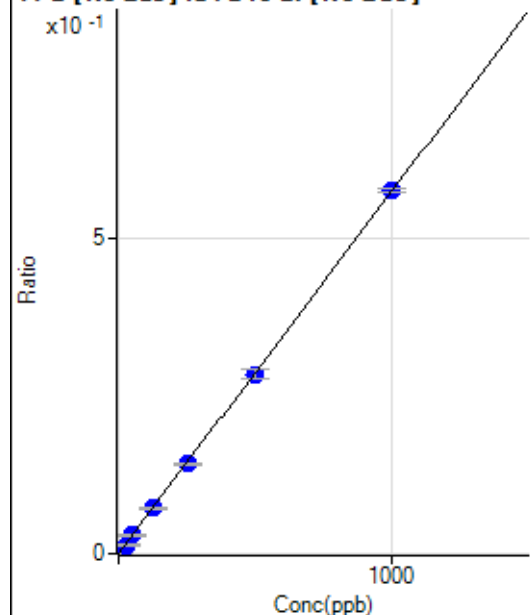
$$R = 1.0000$$

$$DL = 0.697$$

$$BEC = 0.5599$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	611.15	0.0004	P	8.6
2	☐	2.500					
3	☐	25.000	23.069	21288.74	0.0136	P	1.9
4	☐	50.000	50.120	45419.97	0.0291	P	2.6
5	☐	125.000	124.964	113723.35	0.0720	P	2.1
6	☐	250.000	246.733	229099.87	0.1418	P	1.4
7	☐	500.000	496.483	454909.99	0.2850	P	5.1
8	☐	1000.000	1002.622	927088.28	0.5752	P	1.0
9	☐			26297.18	0.0180	P	5.1

$$y = 5.7328\text{E-}004 * x + 3.7957\text{E-}004$$

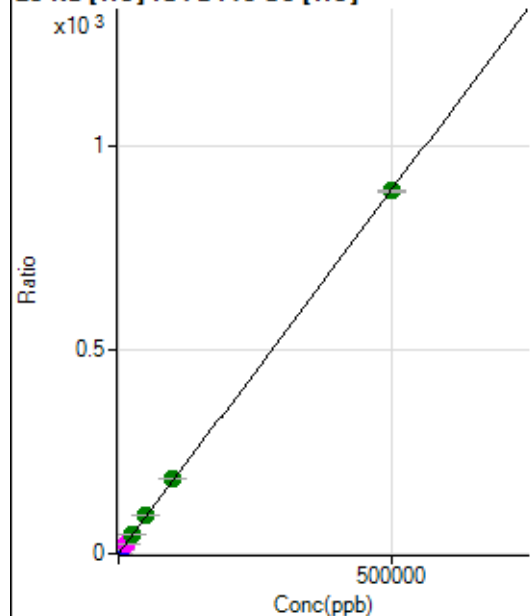
$$R = 1.0000$$

$$DL = 0.1704$$

$$BEC = 0.6621$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6737.99	0.1447	P	5.8
2	☐	50.000					
3	☐	500.000	487.584	46736.10	1.0136	P	1.3
4	☐	5000.000	5345.948	451300.51	9.6712	P	4.0
5	☐	12500.000	13707.347	1097541.70	24.5713	M	4.4
6	☐	25000.000	27020.500	2196850.64	48.2953	A	0.7
7	☐	50000.000	53028.632	4226226.05	94.6418	A	0.5
8	☐	100000.00	103095.72	8335161.90	183.8615	A	0.6
9	☐	500000.00	498943.33	38325472.73	889.2625	A	0.5

$$y = 0.0018 * x + 0.1447$$

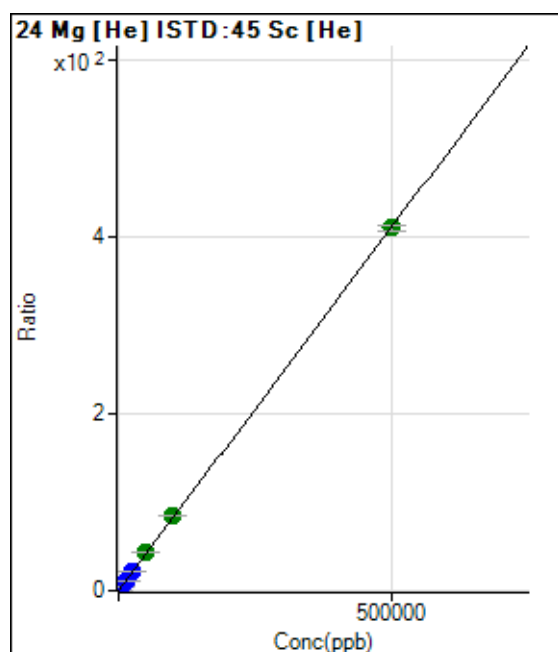
$$R = 1.0000$$

$$DL = 14.25$$

$$BEC = 81.23$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	427.81	0.0092	P	24.4
2	☐	50.000					
3	☐	500.000	488.073	18929.99	0.4106	P	2.0
4	☐	5000.000	5246.116	201728.38	4.3233	P	4.4
5	☐	12500.000	13475.647	495442.03	11.0907	P	4.0
6	☐	25000.000	26469.838	990551.41	21.7763	P	0.4
7	☐	50000.000	53006.122	1946784.35	43.5980	A	1.3
8	☐	100000.00	102649.68	3827202.52	84.4216	A	0.9
9	☐	500000.00	499069.11	17686773.49	410.4110	A	1.5

$$y = 8.2233\text{E-}004 * x + 0.0092$$

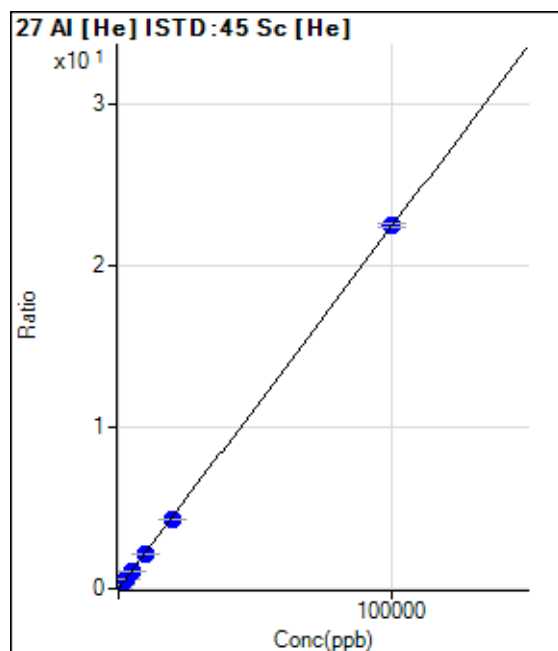
$$R = 1.0000$$

$$DL = 8.221$$

$$BEC = 11.21$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.85	0.0011	P	15.5
2	☐	2.000					
3	☐	20.000	15.977	215.06	0.0047	P	7.4
4	☐	1000.000	975.091	10228.82	0.2193	P	5.9
5	☐	2500.000	2492.805	24963.17	0.5589	P	4.8
6	☐	5000.000	4827.143	49185.94	1.0813	P	1.5
7	☐	10000.000	9617.245	96147.41	2.1532	P	1.0
8	☐	20000.000	19009.346	192891.19	4.2549	P	0.6
9	☐	100000.00	100245.47	966811.34	22.4335	P	1.0

$$y = 2.2378\text{E-}004 * x + 0.0011$$

$$R = 0.9999$$

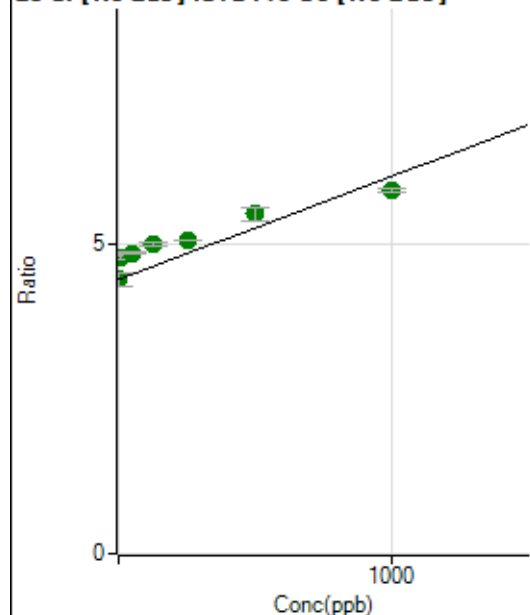
$$DL = 2.272$$

$$BEC = 4.876$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15852789.07	4.4395	A	4.6
2	☐	1.000					
3	☐	10.000	215.183	15984791.33	4.7987	A	1.5
4	☐	50.000	256.124	16131502.79	4.8671	A	1.0
5	☐	125.000	347.260	16448502.97	5.0192	A	1.4
6	☐	250.000	382.281	17126071.91	5.0776	A	0.3
7	☐	500.000	636.817	18122918.11	5.5025	A	3.9
8	☐	1000.000	858.381	20128829.96	5.8723	A	1.1
9	☐			17590231.82	5.4306	A	1.7

$$y = 0.0017 * x + 4.4395$$

$$R = 0.9447$$

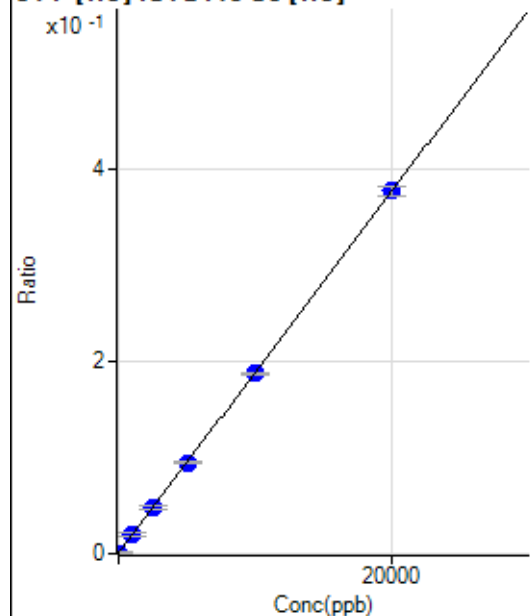
$$DL = 364.4$$

$$BEC = 2660$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-14.443	19.45	0.0004	P	65.4
2	☐	0.000					
3	☐	0.000	14.443	44.44	0.0010	P	20.7
4	☐	1000.000	1046.466	947.30	0.0204	P	20.6
5	☐	2500.000	2497.612	2125.26	0.0476	P	10.0
6	☐	5000.000	5011.546	4317.52	0.0949	P	3.2
7	☐	10000.000	9922.376	8361.13	0.1872	P	1.1
8	☐	20000.000	20033.901	17105.44	0.3773	P	2.4
9	☐			22.22	0.0005	P	77.4

$$y = 1.8800E-005 * x + 6.9077E-004$$

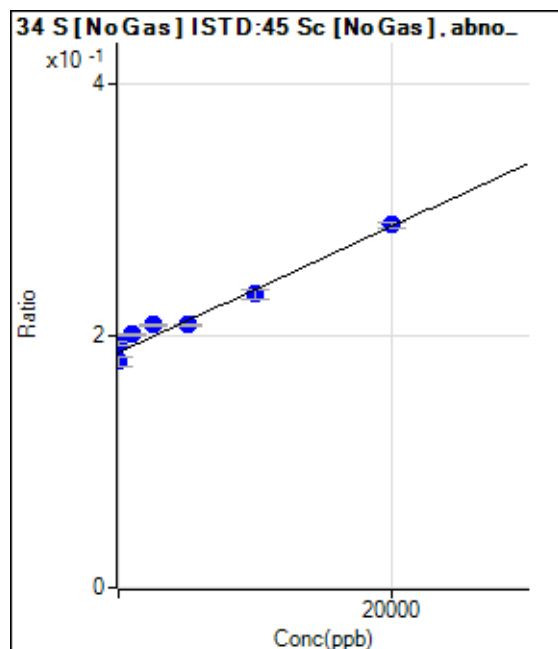
$$R = 1.0000$$

$$DL = 37.75$$

$$BEC = 36.74$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-1451.975	640881.05	0.1795	P	4.7
2	☐	0.000					
3	☐	0.000	1451.975	646309.40	0.1940	P	1.5
4	☐	1000.000	2871.261	666634.26	0.2011	P	1.0
5	☐	2500.000	4320.464	682939.00	0.2084	P	0.9
6	☐	5000.000	4316.015	702780.16	0.2084	P	0.4
7	☐	10000.000	9263.589	767947.46	0.2331	P	3.4
8	☐	20000.000	20218.081	987063.87	0.2880	P	1.7
9	☐			528793.32	0.1632	P	2.8

$$y = 5.0066\text{E-}006 * x + 0.1868$$

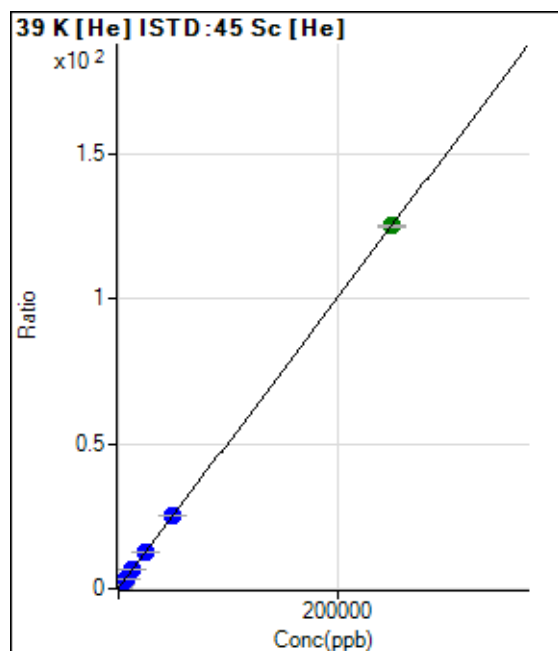
$$R = 0.9824$$

$$DL = 3446$$

$$BEC = 3.73\text{E}+04$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7124.35	0.1530	P	3.5
2	☐	50.000					
3	☐	500.000	483.608	18215.36	0.3951	P	2.6
4	☐	2500.000	2531.807	66290.24	1.4203	P	3.3
5	☐	6250.000	6500.972	152198.55	3.4070	P	3.9
6	☐	12500.000	12766.080	297619.25	6.5429	P	0.4
7	☐	25000.000	25333.799	573066.43	12.8335	P	0.8
8	☐	50000.000	49562.909	1131570.24	24.9610	P	0.3
9	☐	250000.00	250034.17	5400310.32	125.3041	A	0.6

$$y = 5.0054\text{E-}004 * x + 0.1530$$

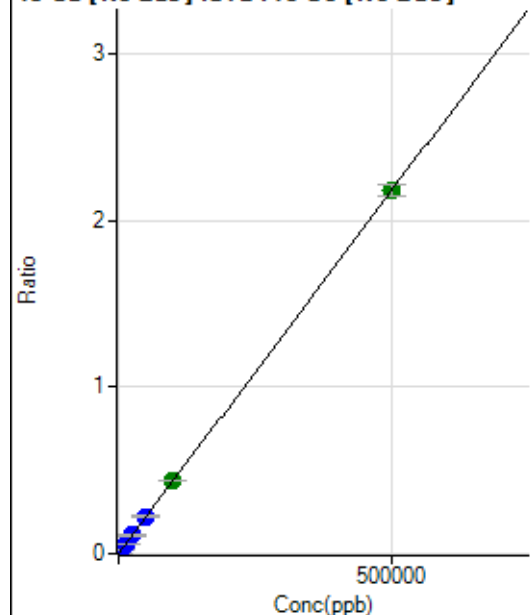
$$R = 1.0000$$

$$DL = 32.12$$

$$BEC = 305.7$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	803.37	0.0002	P	6.2
2	☐	50.000					
3	☐	500.000	449.989	7276.45	0.0022	P	1.1
4	☐	5000.000	5062.807	73800.21	0.0223	P	1.7
5	☐	12500.000	12891.450	184662.86	0.0563	P	1.4
6	☐	25000.000	25190.784	370637.58	0.1099	P	1.3
7	☐	50000.000	51285.460	736010.28	0.2235	P	4.5
8	☐	100000.00	99966.834	1492573.38	0.4354	A	1.2
9	☐	500000.00	499858.18	7048408.51	2.1764	A	3.2

$$y = 4.3536E-006 * x + 2.2493E-004$$

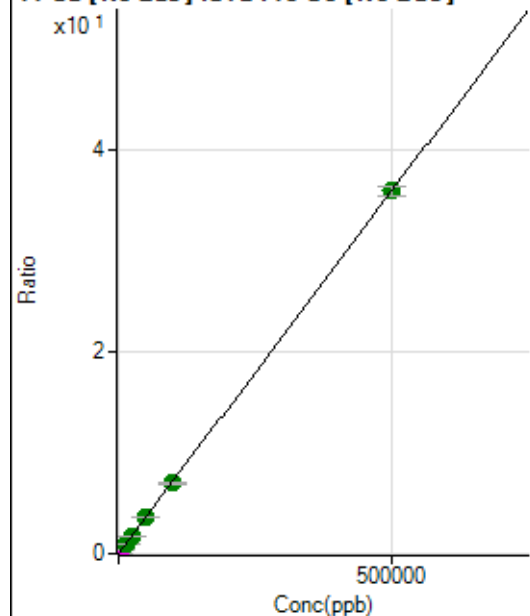
$$R = 1.0000$$

$$DL = 9.588$$

$$BEC = 51.67$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35010.35	0.0098	P	4.4
2	☐	50.000					
3	☐	500.000	472.494	145649.65	0.0437	P	1.0
4	☐	5000.000	5062.418	1236973.54	0.3732	M	1.6
5	☐	12500.000	12827.329	3049643.77	0.9306	A	2.0
6	☐	25000.000	24816.556	6041495.12	1.7913	A	1.3
7	☐	50000.000	49983.632	11850991.35	3.5980	A	3.6
8	☐	100000.00	97015.365	23905168.81	6.9742	A	1.4
9	☐	500000.00	500598.95	116420450.4	35.9461	A	2.7

$$y = 7.1787E-005 * x + 0.0098$$

$$R = 1.0000$$

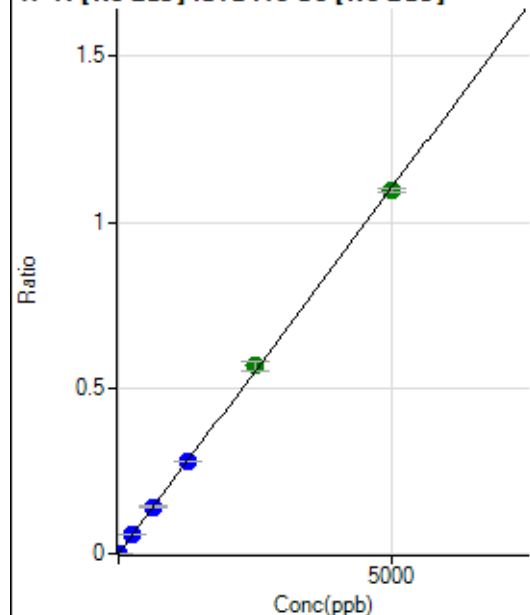
$$DL = 17.93$$

$$BEC = 136.6$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	25.7
2	☐	0.500					
3	☐	5.000	4.732	3606.17	0.0011	P	3.5
4	☐	250.000	252.770	184947.43	0.0558	P	1.9
5	☐	625.000	641.537	463922.74	0.1416	P	1.6
6	☐	1250.000	1259.044	936921.12	0.2778	P	0.8
7	☐	2500.000	2567.522	1865410.50	0.5665	A	4.6
8	☐	5000.000	4961.772	3752178.12	1.0946	A	1.0
9	☐			638.94	0.0002	P	5.5

$$y = 2.2061\text{E-}004 * x + 3.8317\text{E-}005$$

$$R = 0.9999$$

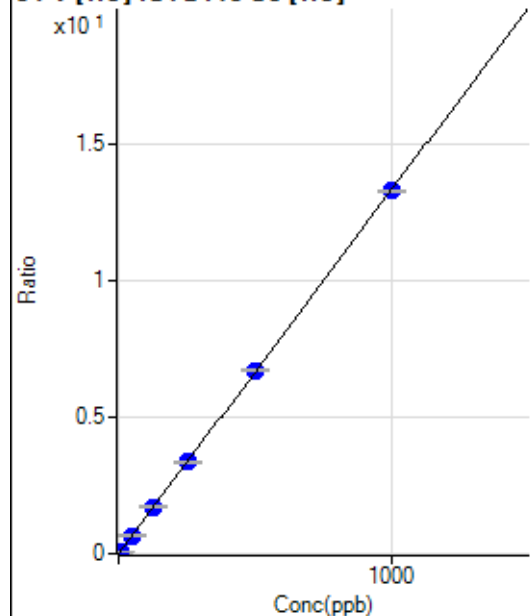
$$DL = 0.1337$$

$$BEC = 0.1737$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0001	P	123.9
2	☐	0.500					
3	☐	5.000	4.787	2949.26	0.0640	P	1.9
4	☐	50.000	49.883	31042.42	0.6655	P	5.5
5	☐	125.000	128.518	76554.47	1.7143	P	5.5
6	☐	250.000	251.484	152581.37	3.3544	P	0.7
7	☐	500.000	504.047	300204.71	6.7231	P	1.2
8	☐	1000.000	997.173	602949.36	13.3003	P	0.2
9	☐			64.44	0.0015	P	8.9

$$y = 0.0133 * x + 1.1630\text{E-}004$$

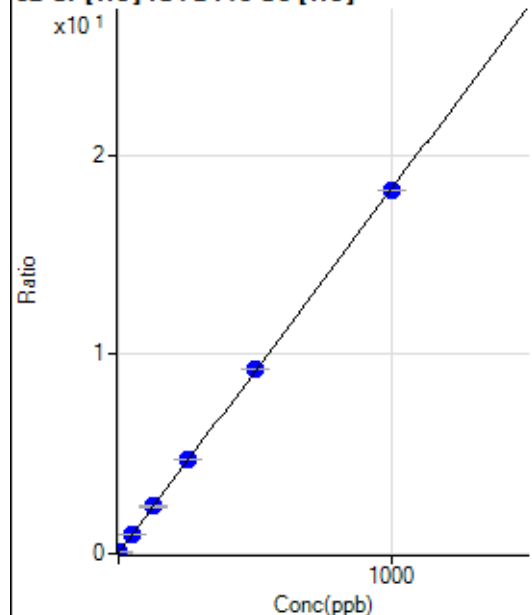
$$R = 1.0000$$

$$DL = 0.03241$$

$$BEC = 0.00872$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1342.31	0.0288	P	6.0
2	☐	0.200					
3	☐	2.000	1.776	2824.78	0.0613	P	0.8
4	☐	50.000	50.443	44382.62	0.9511	P	3.9
5	☐	125.000	129.819	107310.48	2.4024	P	4.3
6	☐	250.000	255.475	213790.23	4.6999	P	0.3
7	☐	500.000	506.316	414685.08	9.2863	P	0.4
8	☐	1000.000	994.849	825914.10	18.2188	P	0.0
9	☐			6488.27	0.1505	P	2.3

$$y = 0.0183 * x + 0.0288$$

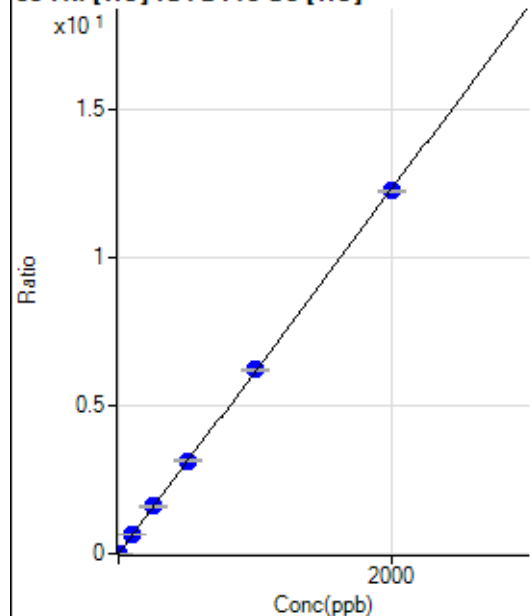
$$R = 0.9999$$

$$DL = 0.2843$$

$$BEC = 1.574$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0012	P	10.6
2	☐	0.100					
3	☐	1.000	0.989	337.79	0.0073	P	15.1
4	☐	100.000	101.807	29338.78	0.6286	P	3.0
5	☐	250.000	260.554	71770.88	1.6068	P	4.5
6	☐	500.000	511.367	143393.21	3.1524	P	0.4
7	☐	1000.000	1009.282	277761.26	6.2206	P	1.6
8	☐	2000.000	1991.108	556269.56	12.2708	P	0.3
9	☐			2045.75	0.0475	P	1.9

$$y = 0.0062 * x + 0.0012$$

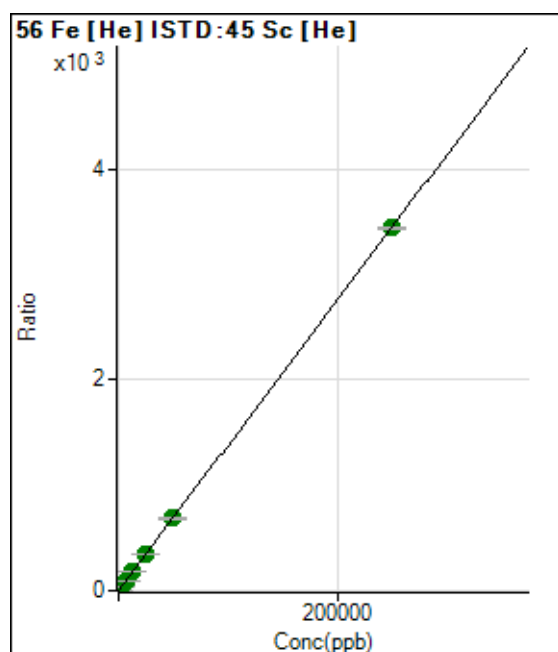
$$R = 1.0000$$

$$DL = 0.06398$$

$$BEC = 0.2009$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2187.28	0.0469	P	6.0
2	☐	5.000					
3	☐	50.000	49.184	33373.90	0.7238	P	1.1
4	☐	2500.000	2577.993	1657803.96	35.5257	A	4.0
5	☐	6250.000	6501.302	3998394.16	89.5191	A	4.6
6	☐	12500.000	12715.351	7962022.75	175.0381	A	0.8
7	☐	25000.000	25188.892	15481672.34	346.7014	A	0.7
8	☐	50000.000	49774.760	31055365.28	685.0570	A	0.7
9	☐	250000.00	250008.32	148284529.2	3,440.710	A	0.8

$$y = 0.0138 * x + 0.0469$$

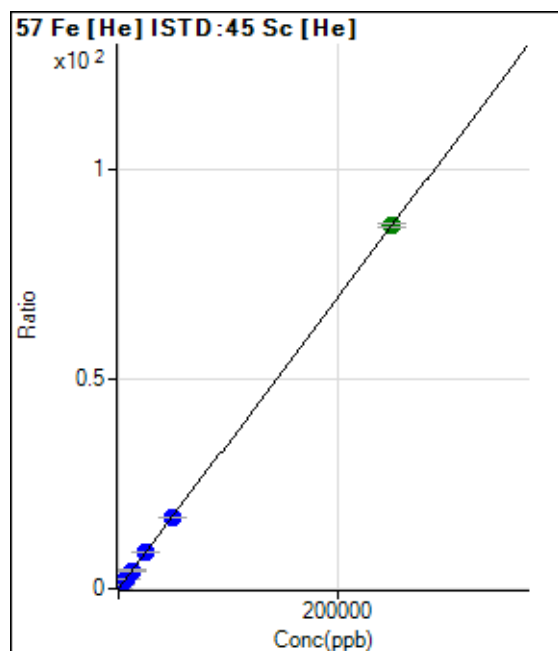
$$R = 1.0000$$

$$DL = 0.6157$$

$$BEC = 3.407$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.08	0.0016	P	11.3
2	☐	5.000					
3	☐	50.000	47.192	827.83	0.0180	P	4.3
4	☐	2500.000	2519.553	40856.62	0.8753	P	2.9
5	☐	6250.000	6414.405	99407.41	2.2259	P	5.0
6	☐	12500.000	12575.399	198429.45	4.3623	P	0.6
7	☐	25000.000	25080.616	388420.92	8.6986	P	1.1
8	☐	50000.000	49404.501	776707.06	17.1332	P	0.1
9	☐	250000.00	250102.96	3737727.54	86.7281	A	1.0

$$y = 3.4676E-004 * x + 0.0016$$

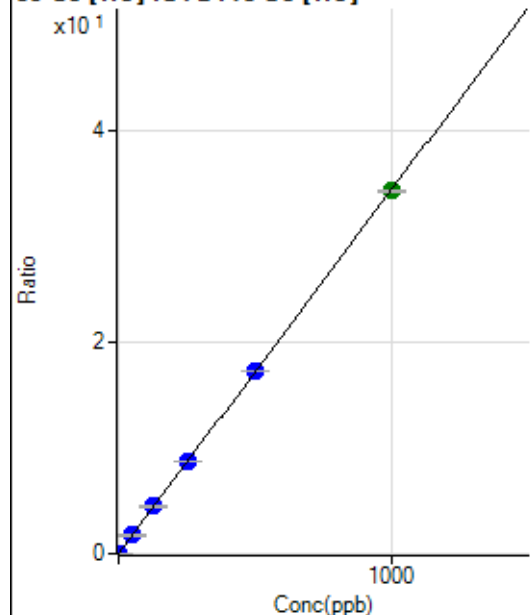
$$R = 1.0000$$

$$DL = 1.558$$

$$BEC = 4.595$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	106.67	0.0023	P	13.8
2	☐	0.100					
3	☐	1.000	0.921	1564.56	0.0339	P	4.1
4	☐	50.000	50.422	80967.91	1.7346	P	2.6
5	☐	125.000	130.361	200183.88	4.4810	P	3.9
6	☐	250.000	254.847	398370.98	8.7579	P	0.9
7	☐	500.000	502.678	771291.90	17.2725	P	0.7
8	☐	1000.000	996.758	1552557.69	34.2474	A	0.6
9	☐			17420.02	0.4042	P	0.5

$$y = 0.0344 * x + 0.0023$$

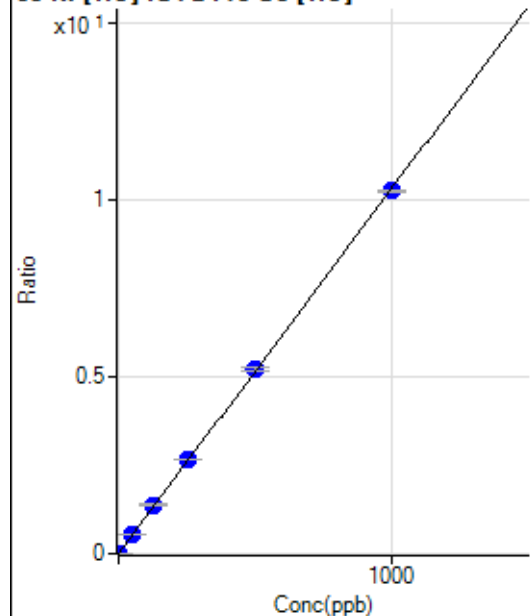
$$R = 1.0000$$

$$DL = 0.02753$$

$$BEC = 0.06645$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.89	0.0013	P	33.0
2	☐	0.100					
3	☐	1.000	0.935	502.24	0.0109	P	4.3
4	☐	50.000	51.321	24746.62	0.5301	P	2.0
5	☐	125.000	132.165	60886.94	1.3631	P	4.3
6	☐	250.000	256.746	120392.63	2.6467	P	0.6
7	☐	500.000	505.796	232772.87	5.2129	P	1.1
8	☐	1000.000	994.454	464571.57	10.2480	P	0.3
9	☐			5501.18	0.1277	P	3.2

$$y = 0.0103 * x + 0.0013$$

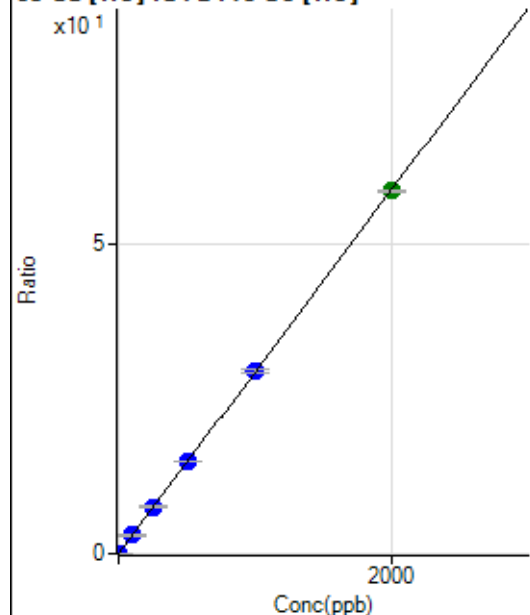
$$R = 0.9999$$

$$DL = 0.1215$$

$$BEC = 0.1228$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	285.56	0.0061	P	9.0
2	☐	0.200					
3	☐	2.000	1.876	2824.78	0.0613	P	2.8
4	☐	100.000	100.510	138112.76	2.9594	P	3.6
5	☐	250.000	258.745	339803.87	7.6087	P	5.2
6	☐	500.000	507.699	678841.08	14.9236	P	0.4
7	☐	1000.000	1004.803	1318584.78	29.5299	P	1.3
8	☐	2000.000	1994.555	2656994.65	58.6113	A	0.6
9	☐			4708.66	0.1092	P	1.4

$$y = 0.0294 * x + 0.0061$$

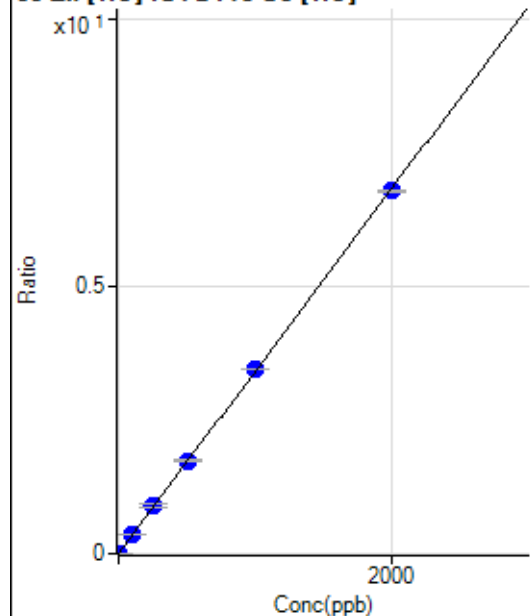
$$R = 1.0000$$

$$DL = 0.05627$$

$$BEC = 0.2088$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0011	P	24.0
2	☐	0.200					
3	☐	2.000	2.069	374.46	0.0081	P	7.2
4	☐	100.000	102.400	16375.44	0.3509	P	4.4
5	☐	250.000	263.909	40307.58	0.9026	P	5.2
6	☐	500.000	511.138	79472.66	1.7472	P	0.7
7	☐	1000.000	1012.107	154436.02	3.4585	P	0.9
8	☐	2000.000	1989.304	308114.23	6.7967	P	0.3
9	☐			2399.14	0.0557	P	5.2

$$y = 0.0034 * x + 0.0011$$

$$R = 0.9999$$

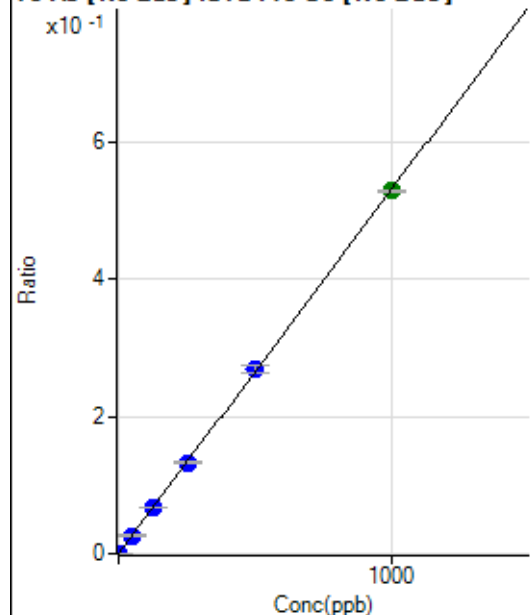
$$DL = 0.2222$$

$$BEC = 0.3087$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	649.82	0.0002	P	7.6
2	☐	0.100					
3	☐	1.000	0.928	2244.86	0.0007	P	11.3
4	☐	50.000	49.332	87213.01	0.0263	P	2.4
5	☐	125.000	126.566	220317.52	0.0672	P	1.4
6	☐	250.000	250.440	448053.01	0.1328	P	1.4
7	☐	500.000	507.094	885286.92	0.2688	P	4.2
8	☐	1000.000	996.180	1809582.02	0.5279	A	0.6
9	☐			3042.74	0.0009	P	3.6

$$y = 5.2974\text{E-}004 * x + 1.8212\text{E-}004$$

$$R = 1.0000$$

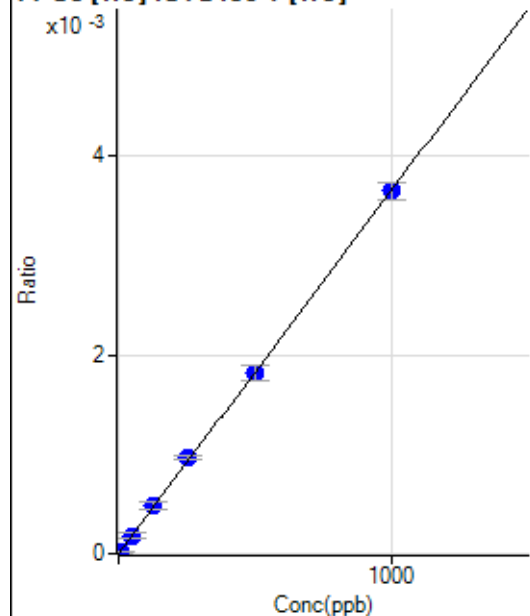
$$DL = 0.07859$$

$$BEC = 0.3438$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	4.312	5.56	0.0000	P	35.0
4	☐	50.000	48.073	52.22	0.0002	P	38.0
5	☐	125.000	131.008	134.45	0.0005	P	16.2
6	☐	250.000	263.267	273.34	0.0010	P	2.9
7	☐	500.000	496.071	502.24	0.0018	P	8.4
8	☐	1000.000	997.997	1035.61	0.0036	P	4.5
9	☐			1.11	0.0000	P	173.2

$$y = 3.6508\text{E-}006 * x + 3.7782\text{E-}006$$

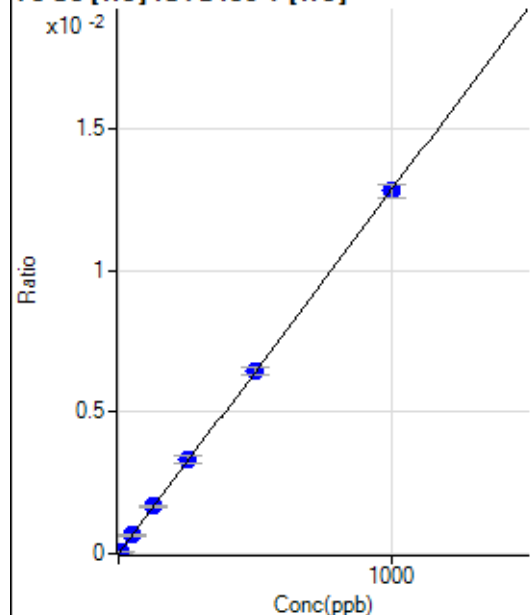
$$R = 0.9999$$

$$DL = 5.377$$

$$BEC = 1.035$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.94	0.0000	P	81.7
2	☐	0.500					
3	☐	5.000	3.546	17.90	0.0001	P	21.0
4	☐	50.000	49.951	191.98	0.0007	P	4.6
5	☐	125.000	129.728	467.91	0.0017	P	4.4
6	☐	250.000	256.904	938.31	0.0033	P	7.1
7	☐	500.000	500.817	1781.61	0.0064	P	3.5
8	☐	1000.000	997.284	3635.70	0.0128	P	4.0
9	☐			3.09	0.0000	P	92.0

$$y = 1.2824\text{E-}005 * x + 1.7301\text{E-}005$$

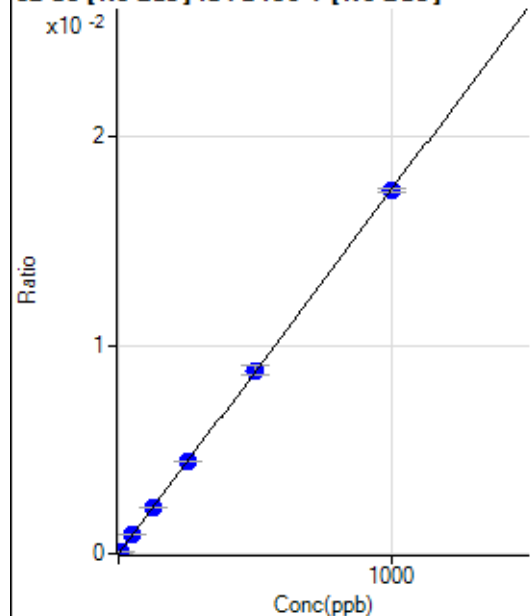
$$R = 1.0000$$

$$DL = 3.305$$

$$BEC = 1.349$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-19.39	0.0000	P	-263.
2	☐	0.500					
3	☐	5.000	5.674	465.04	0.0001	P	11.3
4	☐	50.000	51.993	4366.81	0.0009	P	5.5
5	☐	125.000	128.020	10850.48	0.0022	P	0.3
6	☐	250.000	254.640	22193.04	0.0044	P	0.7
7	☐	500.000	503.688	43765.35	0.0088	P	4.7
8	☐	1000.000	996.515	89438.60	0.0174	P	0.9
9	☐			85.22	0.0000	P	71.6

$$y = 1.7485\text{E-}005 * x - 4.0662\text{E-}006$$

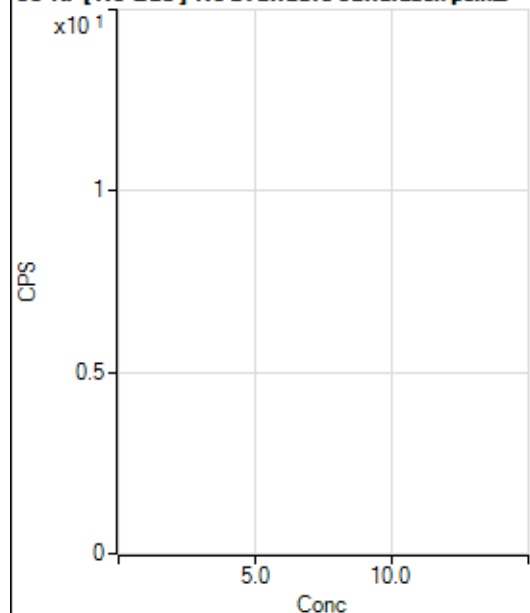
$$R = 1.0000$$

$$DL = 1.837$$

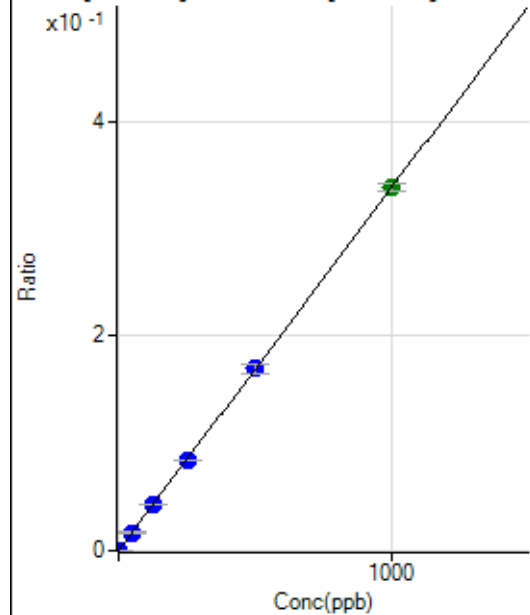
$$BEC = -0.2326$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			592.25		P	6.5
2	☐						
3	☐			533.36		P	7.2
4	☐			548.91		P	7.0
5	☐			574.47		P	13.5
6	☐			575.58		P	5.4
7	☐			595.58		P	11.3
8	☐			625.58		P	7.6
9	☐			574.47		P	8.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	836.17	0.0002	P	3.0
2	☐	0.100					
3	☐	1.000	0.745	2025.25	0.0004	P	3.1
4	☐	50.000	49.143	80965.30	0.0168	P	3.0
5	☐	125.000	125.469	206731.57	0.0426	P	0.7
6	☐	250.000	248.222	419410.08	0.0841	P	0.7
7	☐	500.000	501.346	843260.24	0.1696	P	4.9
8	☐	1000.000	999.756	1735585.82	0.3381	A	2.2
9	☐			6990.99	0.0014	P	6.1

$$y = 3.3801E-004 * x + 1.6280E-004$$

$$R = 1.0000$$

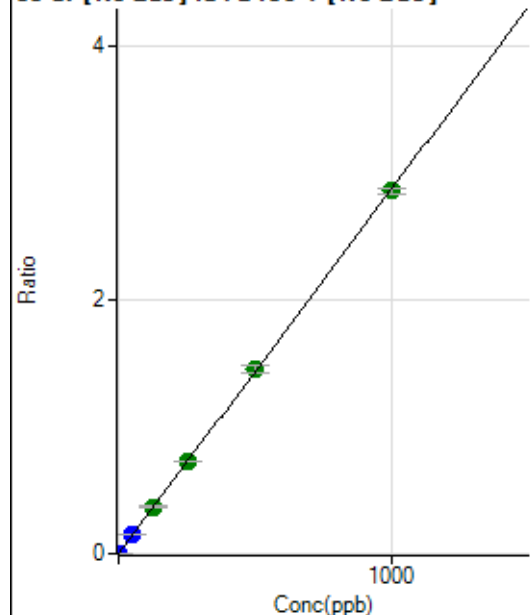
$$DL = 0.04273$$

$$BEC = 0.4817$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0000	P	9.4
2	☐	0.100					
3	☐	1.000	0.801	11302.43	0.0023	P	0.6
4	☐	50.000	50.997	707674.03	0.1466	P	2.7
5	☐	125.000	128.936	1799846.89	0.3706	A	0.8
6	☐	250.000	254.175	3645293.96	0.7306	A	0.5
7	☐	500.000	506.171	7234923.16	1.4550	A	4.1
8	☐	1000.000	995.329	14688249.98	2.8611	A	1.8
9	☐			51899.58	0.0106	P	1.7

$$y = 0.0029 * x + 1.2948E-005$$

$$R = 1.0000$$

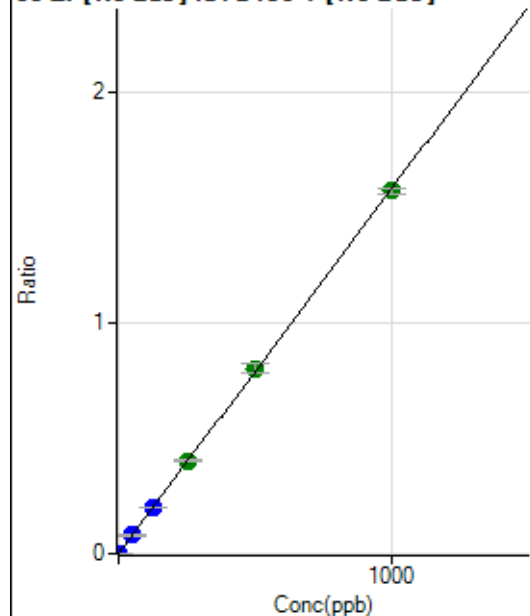
$$DL = 0.001271$$

$$BEC = 0.004504$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	330.57	0.0001	P	10.8
2	☐	0.100					
3	☐	1.000	0.860	6946.54	0.0014	P	4.6
4	☐	50.000	50.150	382897.01	0.0793	P	2.4
5	☐	125.000	126.177	968656.27	0.1995	P	0.8
6	☐	250.000	255.140	2012029.80	0.4033	A	0.8
7	☐	500.000	507.975	3991111.33	0.8029	A	5.1
8	☐	1000.000	994.573	8069391.07	1.5719	A	1.9
9	☐			2000.23	0.0004	P	8.0

$$y = 0.0016 * x + 6.4324E-005$$

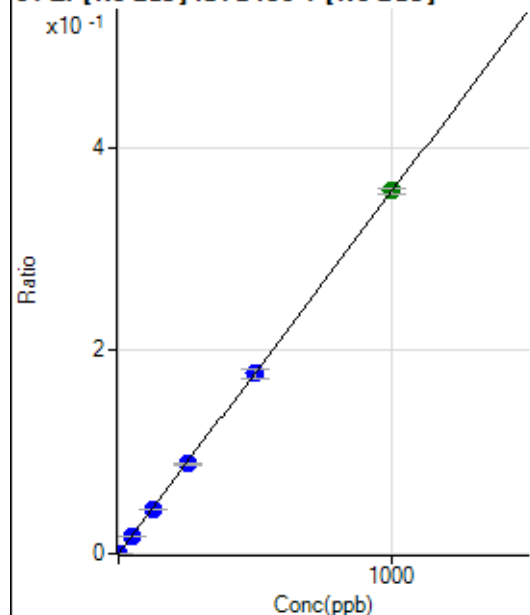
$$R = 0.9999$$

$$DL = 0.01321$$

$$BEC = 0.0407$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	44.9
2	☐	0.100					
3	☐	1.000	0.817	1483.49	0.0003	P	9.6
4	☐	50.000	49.342	85001.57	0.0176	P	3.2
5	☐	125.000	124.312	215358.35	0.0443	P	0.5
6	☐	250.000	247.780	440944.62	0.0884	P	0.9
7	☐	500.000	496.754	880835.32	0.1772	P	4.7
8	☐	1000.000	1002.297	1835276.84	0.3575	A	1.3
9	☐			366.69	0.0001	P	23.5

$$y = 3.5664\text{E-}004 * x + 1.2595\text{E-}005$$

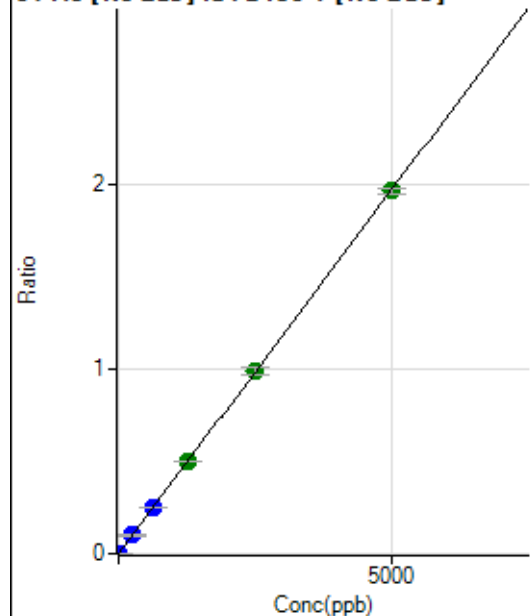
$$R = 1.0000$$

$$DL = 0.04753$$

$$BEC = 0.03531$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	49.2
2	☐	0.500					
3	☐	5.000	4.441	8664.27	0.0018	P	1.0
4	☐	250.000	252.257	479379.03	0.0993	P	3.3
5	☐	625.000	636.637	1217067.45	0.2506	P	0.7
6	☐	1250.000	1268.055	2490314.99	0.4992	A	1.1
7	☐	2500.000	2511.988	4915358.40	0.9888	A	5.1
8	☐	5000.000	4987.925	10079765.85	1.9634	A	1.5
9	☐			3914.63	0.0008	P	4.6

$$y = 3.9362\text{E-}004 * x + 2.6364\text{E-}005$$

$$R = 1.0000$$

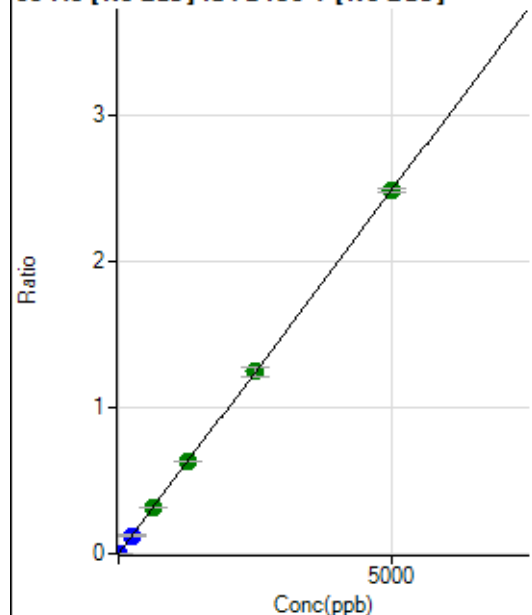
$$DL = 0.09893$$

$$BEC = 0.06698$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	28.4
2	☐	0.500					
3	☐	5.000	4.324	10551.84	0.0022	P	1.4
4	☐	250.000	248.705	596125.70	0.1235	P	3.1
5	☐	625.000	635.938	1533526.97	0.3158	A	1.4
6	☐	1250.000	1259.456	3120087.87	0.6254	A	0.1
7	☐	2500.000	2503.884	6180148.32	1.2433	A	5.3
8	☐	5000.000	4994.392	12732165.13	2.4799	A	1.0
9	☐			5868.21	0.0012	P	7.8

$$y = 4.9653\text{E-}004 * x + 1.4062\text{E-}005$$

$$R = 1.0000$$

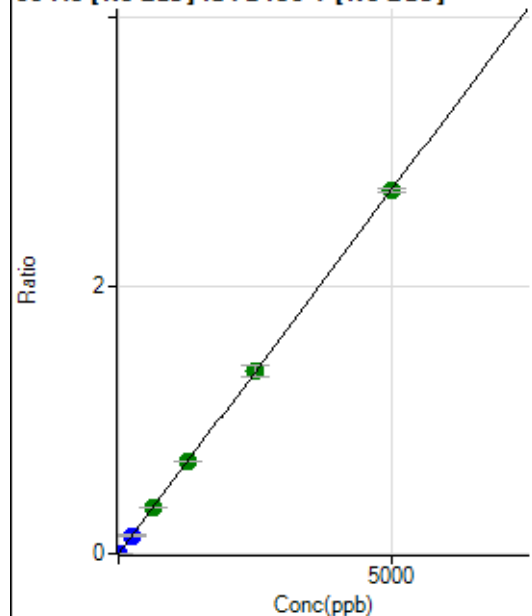
$$DL = 0.02417$$

$$BEC = 0.02832$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	48.8
2	☐	0.500					
3	☐	5.000	4.391	11688.87	0.0024	P	4.7
4	☐	250.000	250.285	655365.89	0.1358	P	3.1
5	☐	625.000	638.547	1682169.35	0.3464	A	1.7
6	☐	1250.000	1271.463	3440996.78	0.6897	A	0.5
7	☐	2500.000	2512.806	6774561.78	1.3631	A	5.8
8	☐	5000.000	4986.524	13887491.98	2.7049	A	0.9
9	☐			6865.94	0.0014	P	7.0

$$y = 5.4244\text{E-}004 * x + 1.3176\text{E-}005$$

$$R = 1.0000$$

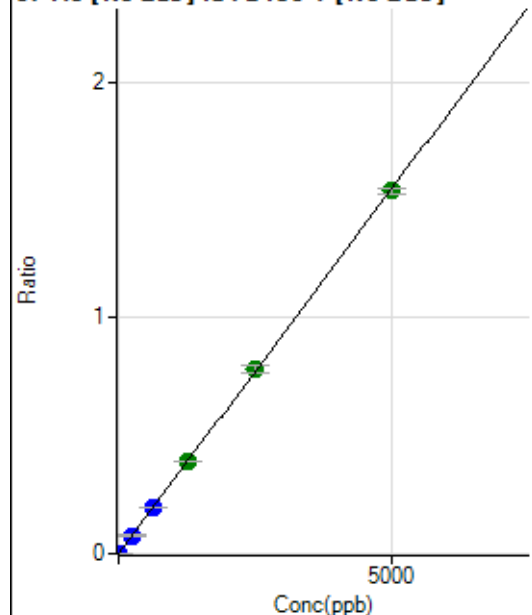
$$DL = 0.03559$$

$$BEC = 0.02429$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	15.6
2	☐	0.500					
3	☐	5.000	4.450	6768.71	0.0014	P	1.0
4	☐	250.000	249.197	371686.86	0.0770	P	2.9
5	☐	625.000	627.980	942278.14	0.1940	P	1.4
6	☐	1250.000	1273.116	1962481.66	0.3934	A	0.7
7	☐	2500.000	2537.991	3898651.95	0.7842	A	4.5
8	☐	5000.000	4974.894	7891151.22	1.5371	A	1.4
9	☐			3481.16	0.0007	P	6.4

$$y = 3.0896E-004 * x + 1.1376E-005$$

$$R = 0.9999$$

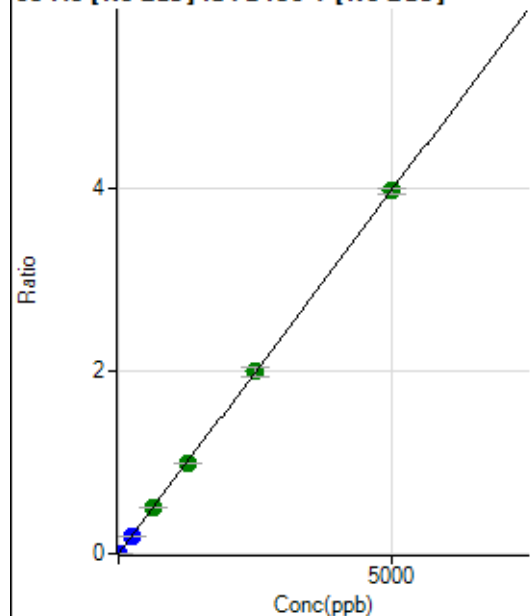
$$DL = 0.01722$$

$$BEC = 0.03682$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	20.1
2	☐	0.500					
3	☐	5.000	4.461	17431.34	0.0036	P	1.7
4	☐	250.000	247.938	953555.60	0.1975	P	2.1
5	☐	625.000	632.016	2444990.57	0.5035	A	1.8
6	☐	1250.000	1247.695	4958827.71	0.9939	A	0.5
7	☐	2500.000	2504.971	9919387.72	1.9955	A	5.2
8	☐	5000.000	4997.318	20436583.44	3.9809	A	1.9
9	☐			9014.48	0.0018	P	8.0

$$y = 7.9660E-004 * x + 1.6655E-005$$

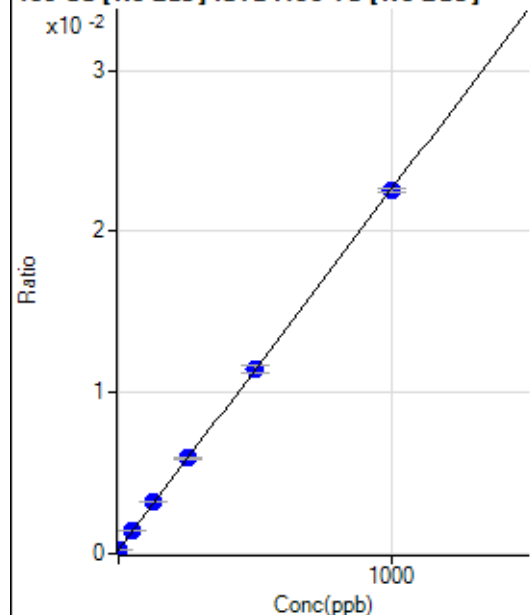
$$R = 1.0000$$

$$DL = 0.01259$$

$$BEC = 0.02091$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1347.36	0.0002	P	13.0
2	☐	0.100					
3	☐	1.000	1.168	1414.04	0.0003	P	12.1
4	☐	50.000	52.524	7352.33	0.0014	P	3.1
5	☐	125.000	133.402	17314.68	0.0032	P	1.8
6	☐	250.000	254.570	33526.11	0.0059	P	1.6
7	☐	500.000	503.268	66087.88	0.0115	P	4.1
8	☐	1000.000	996.047	134619.22	0.0225	P	1.0
9	☐			1350.13	0.0002	P	5.2

$$y = 2.2361\text{E-}005 * x + 2.4321\text{E-}004$$

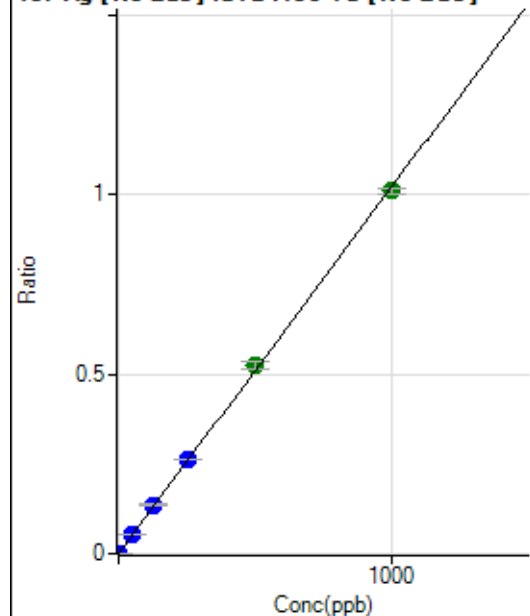
$$R = 1.0000$$

$$DL = 4.253$$

$$BEC = 10.88$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	208.35	0.0000	P	15.3
2	☐	0.100					
3	☐	1.000	0.969	5384.68	0.0010	P	8.2
4	☐	50.000	53.829	285186.38	0.0550	P	2.6
5	☐	125.000	132.736	727238.38	0.1355	P	1.7
6	☐	250.000	257.949	1487549.13	0.2634	P	0.7
7	☐	500.000	514.170	3016760.59	0.5249	A	5.0
8	☐	1000.000	989.769	6040929.00	1.0104	A	1.7
9	☐			1100.10	0.0002	P	6.3

$$y = 0.0010 * x + 3.7693\text{E-}005$$

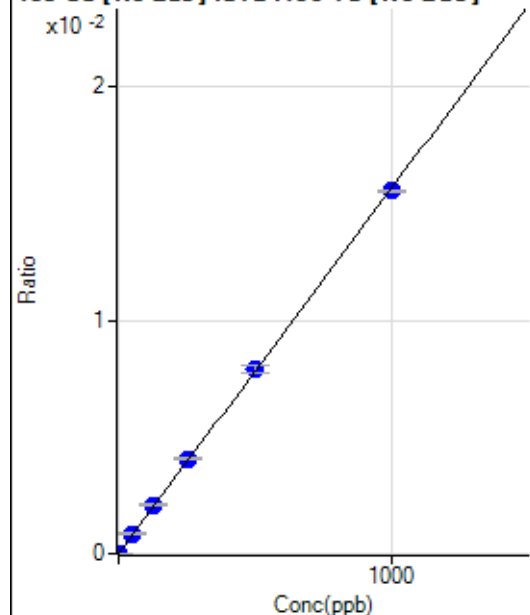
$$R = 0.9998$$

$$DL = 0.01698$$

$$BEC = 0.03692$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.50	0.0000	P	59.3
2	☐	0.100					
3	☐	1.000	1.023	95.84	0.0000	P	17.1
4	☐	50.000	54.814	4463.35	0.0009	P	3.8
5	☐	125.000	133.557	11235.43	0.0021	P	1.7
6	☐	250.000	260.296	23035.24	0.0041	P	0.9
7	☐	500.000	506.152	45570.20	0.0079	P	4.4
8	☐	1000.000	993.040	92990.01	0.0156	P	0.7
9	☐			47.22	0.0000	P	19.4

$$y = 1.5659\text{E-}005 * x + 2.2838\text{E-}006$$

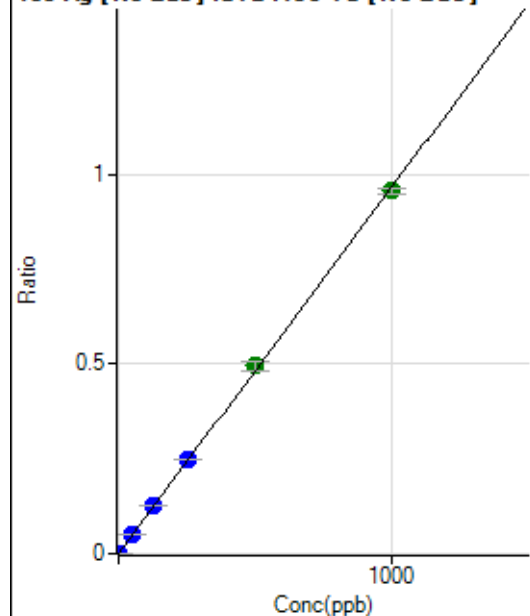
$$R = 0.9999$$

$$DL = 0.2597$$

$$BEC = 0.1458$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	18.3
2	☐	0.100					
3	☐	1.000	0.997	5190.11	0.0010	P	3.1
4	☐	50.000	53.719	269408.29	0.0519	P	0.7
5	☐	125.000	131.440	681718.28	0.1271	P	1.1
6	☐	250.000	257.370	1404999.34	0.2488	P	0.7
7	☐	500.000	512.852	2848660.05	0.4957	A	4.8
8	☐	1000.000	990.740	5724279.51	0.9575	A	1.8
9	☐			1189.00	0.0002	P	3.3

$$y = 9.6641\text{E-}004 * x + 2.6161\text{E-}005$$

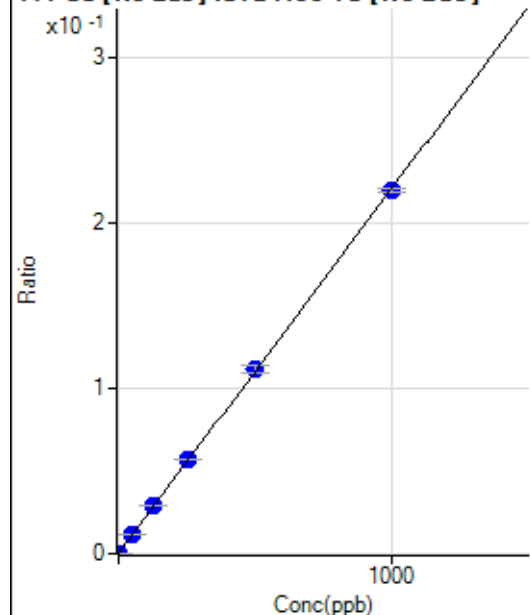
$$R = 0.9998$$

$$DL = 0.01486$$

$$BEC = 0.02707$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	938.56	0.0002	P	12.8
2	☐	0.100					
3	☐	1.000	0.976	2018.64	0.0004	P	6.2
4	☐	50.000	53.999	62673.90	0.0121	P	1.0
5	☐	125.000	131.990	157168.78	0.0293	P	0.9
6	☐	250.000	257.757	322170.05	0.0570	P	1.1
7	☐	500.000	504.949	641308.84	0.1116	P	4.5
8	☐	1000.000	994.513	1312903.57	0.2196	P	1.0
9	☐			981.48	0.0002	P	6.1

$$y = 2.2063E-004 * x + 1.6938E-004$$

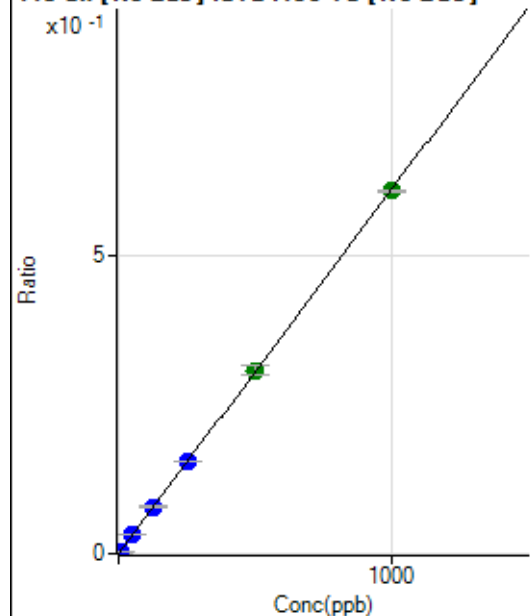
$$R = 0.9999$$

$$DL = 0.2937$$

$$BEC = 0.7677$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.02	0.0001	P	11.9
2	☐	0.500					
3	☐	5.000	4.818	15712.66	0.0030	P	0.7
4	☐	50.000	52.125	165319.17	0.0319	P	1.6
5	☐	125.000	128.844	422307.42	0.0787	P	1.9
6	☐	250.000	252.996	872638.80	0.1545	P	1.1
7	☐	500.000	504.350	1769820.44	0.3079	A	4.9
8	☐	1000.000	996.490	3637553.95	0.6084	A	0.4
9	☐			2147.49	0.0004	P	8.6

$$y = 6.1045E-004 * x + 5.4158E-005$$

$$R = 1.0000$$

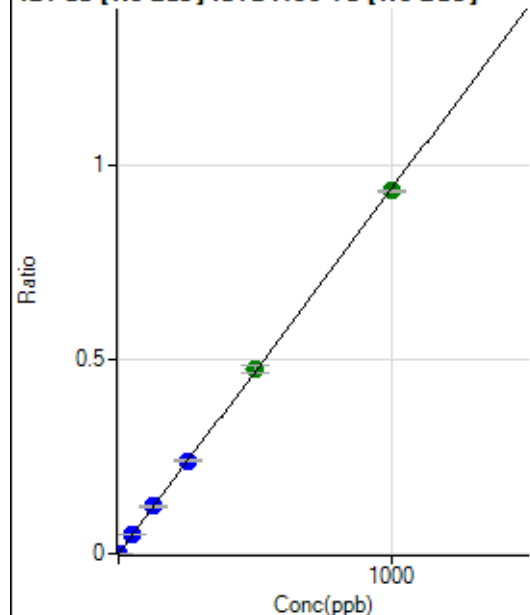
$$DL = 0.03175$$

$$BEC = 0.08872$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	48.2
2	☐	0.200					
3	☐	2.000	1.823	9028.42	0.0017	P	3.0
4	☐	50.000	51.947	252563.95	0.0487	P	1.9
5	☐	125.000	129.253	650030.18	0.1211	P	1.2
6	☐	250.000	254.296	1346123.41	0.2383	P	1.2
7	☐	500.000	507.358	2732994.61	0.4755	A	4.5
8	☐	1000.000	994.619	5573292.92	0.9321	A	0.9
9	☐			6346.26	0.0011	P	2.4

$$y = 9.3717\text{E-}004 * x + 1.2667\text{E-}005$$

$$R = 0.9999$$

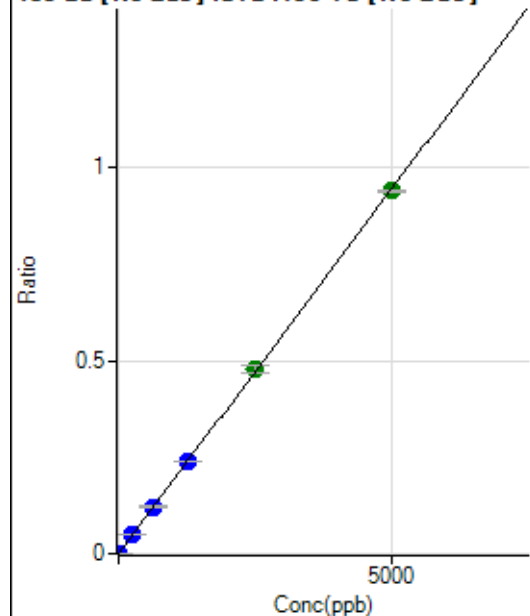
$$DL = 0.01955$$

$$BEC = 0.01352$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	68.1
2	☐	1.000					
3	☐	10.000	9.395	9325.88	0.0018	P	3.7
4	☐	250.000	260.355	254773.40	0.0491	P	1.9
5	☐	625.000	645.170	653069.74	0.1217	P	1.7
6	☐	1250.000	1262.116	1344906.28	0.2381	P	0.5
7	☐	2500.000	2532.570	2746340.19	0.4778	A	4.2
8	☐	5000.000	4977.648	5614838.88	0.9390	A	0.3
9	☐			575.04	0.0001	P	4.2

$$y = 1.8865\text{E-}004 * x + 6.0704\text{E-}006$$

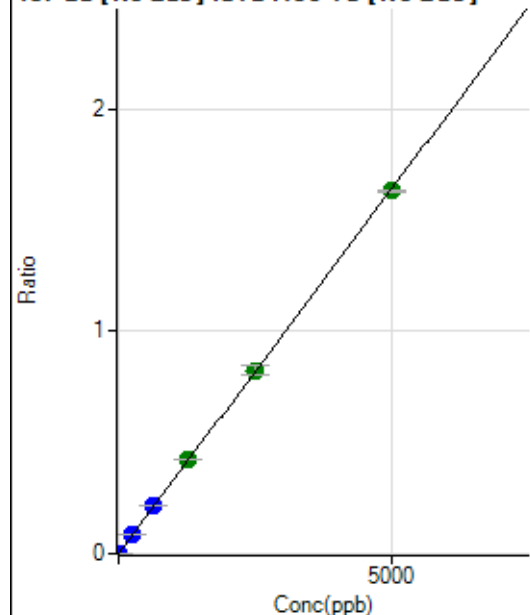
$$R = 1.0000$$

$$DL = 0.06577$$

$$BEC = 0.03218$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	31.3
2	☐	1.000					
3	☐	10.000	9.571	16466.49	0.0031	P	3.5
4	☐	250.000	259.131	440623.11	0.0850	P	1.1
5	☐	625.000	650.465	1144251.51	0.2132	P	0.3
6	☐	1250.000	1292.198	2392619.15	0.4236	A	1.3
7	☐	2500.000	2517.378	4743136.91	0.8253	A	4.6
8	☐	5000.000	4977.123	9756113.67	1.6316	A	0.6
9	☐			902.85	0.0002	P	6.3

$$y = 3.2782\text{E-}004 * x + 2.4782\text{E-}006$$

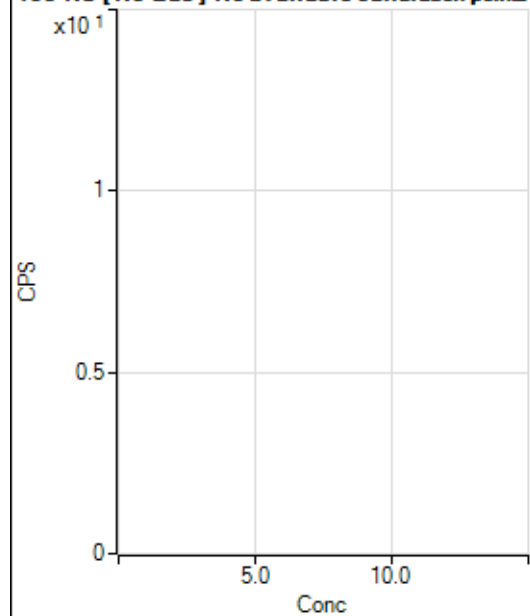
$$R = 0.9999$$

$$DL = 0.007099$$

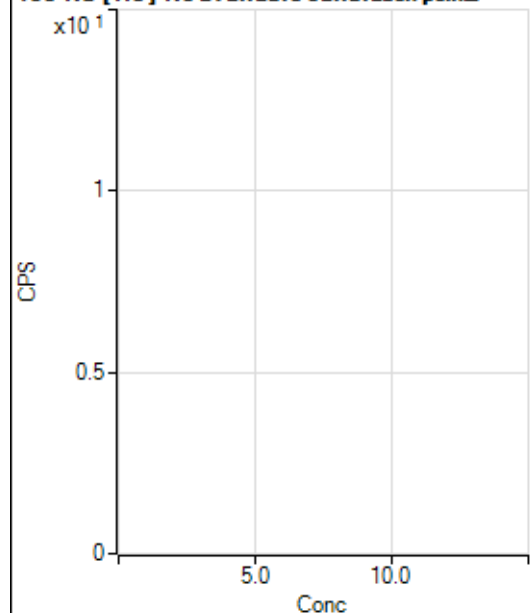
$$BEC = 0.00756$$

Weight: <None>

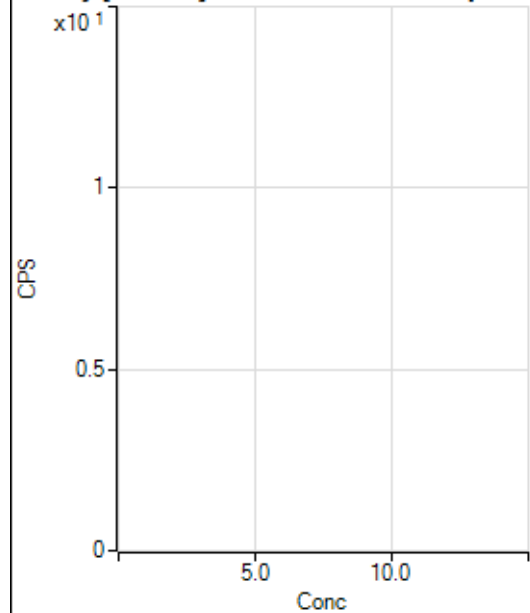
Min Conc: 0

150 Nd [No Gas] No available calibration points

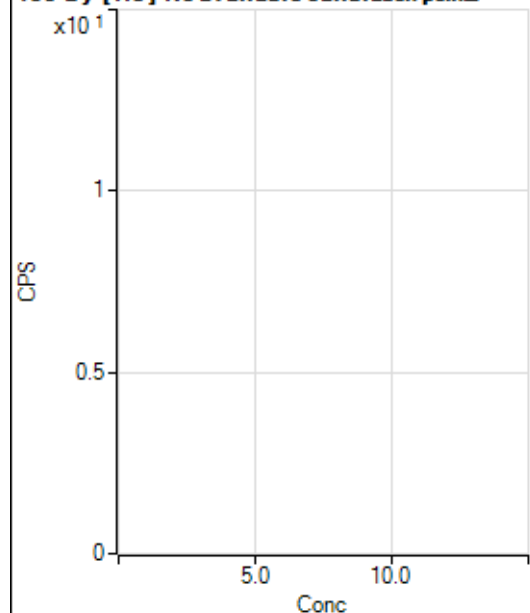
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	173.2
2	☐						
3	☐			11.11		P	91.7
4	☐			20.00		P	100.0
5	☐			40.00		P	60.1
6	☐			68.89		P	59.1
7	☐			131.12		P	7.8
8	☐			313.35		P	19.1
9	☐			91.11		P	49.8

150 Nd [He] No available calibration points

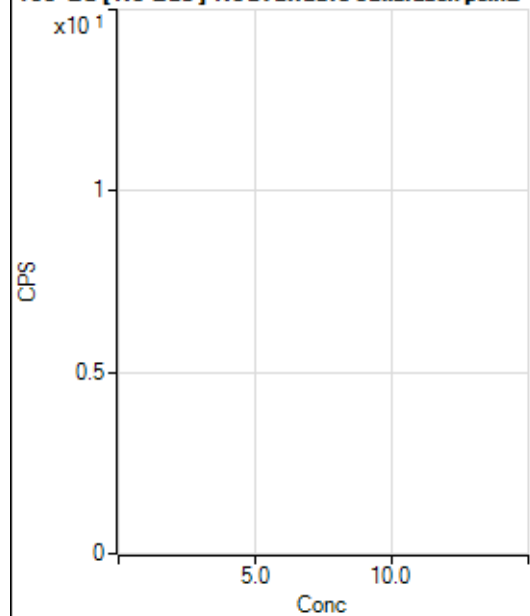
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			3.33		P	173.2
6	☐			4.44		P	114.6
7	☐			4.44		P	114.6
8	☐			13.33		P	50.0
9	☐			23.33		P	14.3

156 Dy [No Gas] No available calibration points

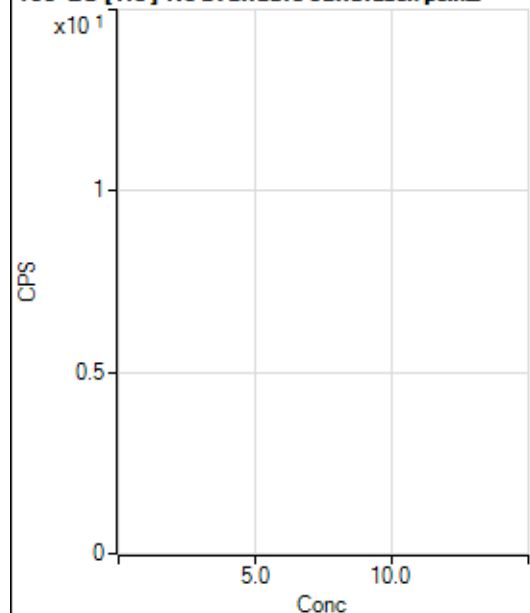
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			8.33		P	100.0
4	☐			13.89		P	91.6
5	☐			36.11		P	13.3
6	☐			19.44		P	137.8
7	☐			55.56		P	17.3
8	☐			88.89		P	42.3
9	☐			44.45		P	28.7

156 Dy [He] No available calibration points

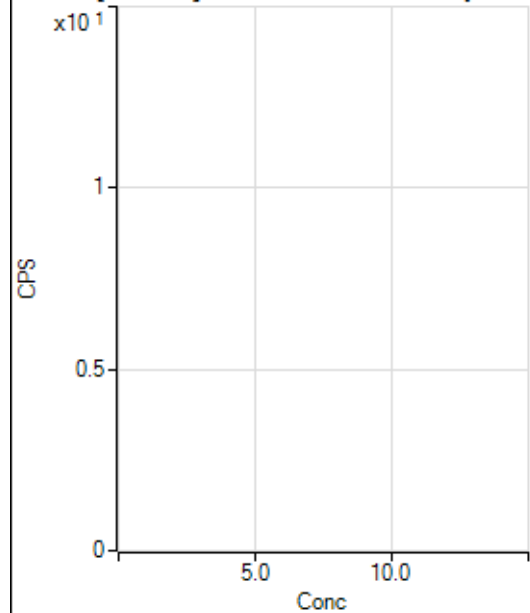
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			3.33		P	100.1
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			2.22		P	173.2
7	☐			8.89		P	78.1
8	☐			4.44		P	43.4
9	☐			15.55		P	44.6

160 Gd [No Gas] Noavailable calibration poin_

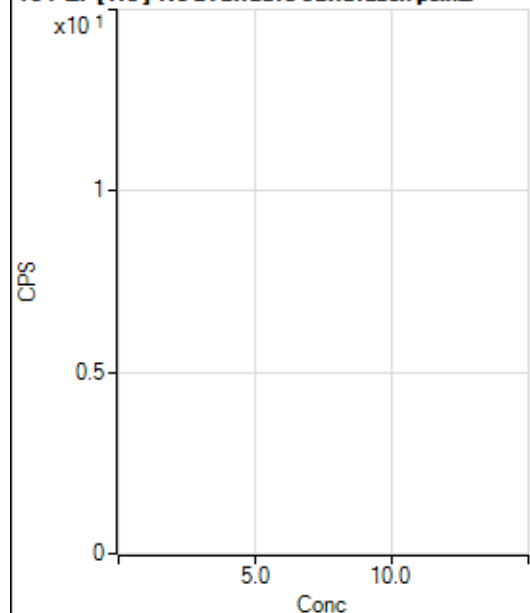
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	28.9
2	☐						
3	☐			66.67		P	33.1
4	☐			38.89		P	32.7
5	☐			50.00		P	16.7
6	☐			75.00		P	11.1
7	☐			55.56		P	22.9
8	☐			69.45		P	13.9
9	☐			88.90		P	21.7

160 Gd [He] No available calibration points

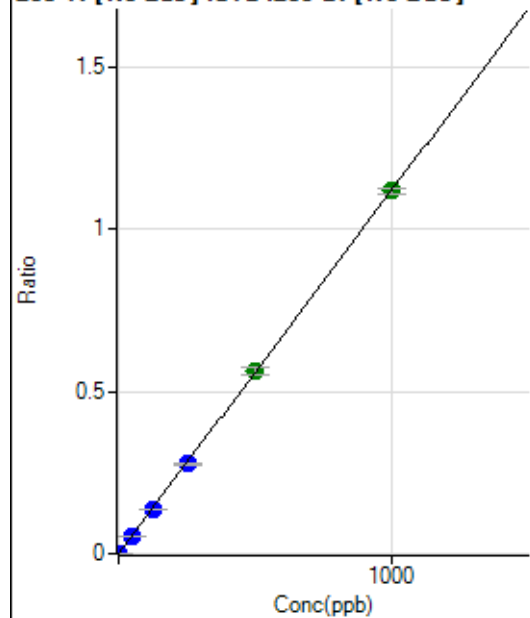
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	0.0
2	☐						
3	☐			12.22		P	87.7
4	☐			4.44		P	43.4
5	☐			14.44		P	13.4
6	☐			12.22		P	41.7
7	☐			12.22		P	41.7
8	☐			13.33		P	25.0
9	☐			22.22		P	31.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	43.3
2	☐						
3	☐			41.67		P	72.1
4	☐			13.89		P	34.7
5	☐			36.11		P	48.0
6	☐			8.33		P	0.0
7	☐			36.11		P	48.0
8	☐			61.12		P	20.8
9	☐			47.23		P	71.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			5.56		P	173.2
4	☐			4.44		P	114.6
5	☐			1.11		P	173.2
6	☐			5.56		P	91.6
7	☐			13.33		P	50.0
8	☐			6.67		P	0.0
9	☐			11.11		P	34.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	41.8
2	☐	0.100					
3	☐	1.000	0.890	3131.10	0.0010	P	2.4
4	☐	50.000	48.773	166890.03	0.0547	P	2.0
5	☐	125.000	123.940	438008.68	0.1389	P	0.2
6	☐	250.000	247.812	930431.05	0.2777	P	2.5
7	☐	500.000	503.420	1926292.25	0.5642	A	3.7
8	☐	1000.000	999.031	4001444.06	1.1196	A	1.3
9	☐			325.02	0.0001	P	36.2

$$y = 0.0011 * x + 1.1823E-005$$

$$R = 1.0000$$

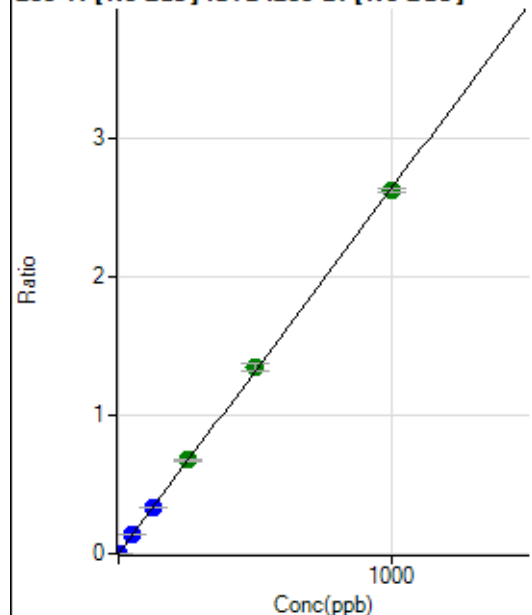
$$DL = 0.01322$$

$$BEC = 0.01055$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	20.1
2	☐	0.100					
3	☐	1.000	0.843	6943.89	0.0022	P	1.4
4	☐	50.000	50.460	406099.25	0.1330	P	1.6
5	☐	125.000	125.990	1047316.02	0.3321	P	1.0
6	☐	250.000	255.439	2255892.61	0.6734	A	1.7
7	☐	500.000	510.927	4597094.03	1.3468	A	4.9
8	☐	1000.000	993.030	9355689.88	2.6177	A	1.1
9	☐			519.48	0.0002	P	10.3

$$y = 0.0026 * x + 1.5395E-005$$

$$R = 0.9999$$

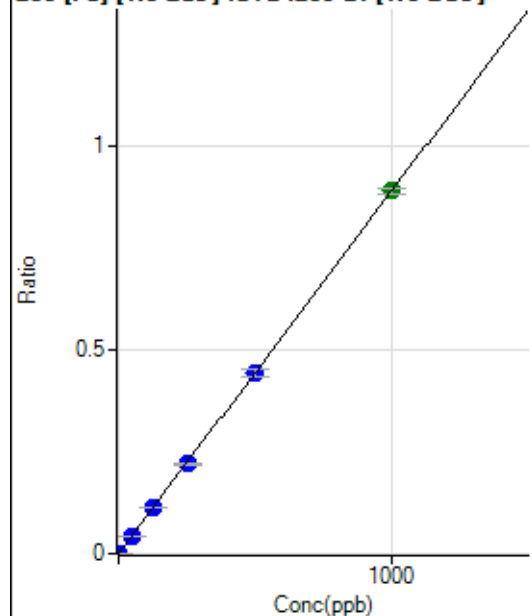
$$DL = 0.00353$$

$$BEC = 0.00584$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	257.42	0.0001	P	31.2
2	☐	0.100					
3	☐	1.000	0.968	2917.09	0.0009	P	2.9
4	☐	50.000	49.522	134667.45	0.0441	P	1.3
5	☐	125.000	125.055	350875.18	0.1113	P	0.1
6	☐	250.000	247.769	738341.66	0.2204	P	1.7
7	☐	500.000	499.017	1515094.81	0.4438	P	4.1
8	☐	1000.000	1001.066	3181139.31	0.8902	A	1.8
9	☐			6277.66	0.0018	P	1.4

$$y = 8.8918E-004 * x + 7.9481E-005$$

$$R = 1.0000$$

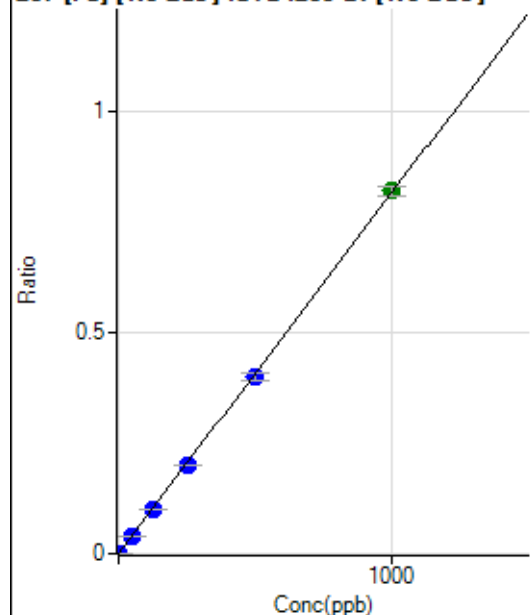
$$DL = 0.08368$$

$$BEC = 0.08939$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	257.42	0.0001	P	12.0
2	☐	0.100					
3	☐	1.000	0.826	2335.48	0.0008	P	2.2
4	☐	50.000	48.995	122163.13	0.0400	P	1.7
5	☐	125.000	122.584	315349.32	0.1000	P	0.4
6	☐	250.000	244.904	669097.77	0.1997	P	1.4
7	☐	500.000	489.968	1363968.09	0.3995	P	3.9
8	☐	1000.000	1006.642	2932252.52	0.8207	A	2.7
9	☐			5755.19	0.0017	P	6.1

$$y = 8.1519\text{E-}004 * x + 7.9059\text{E-}005$$

$$R = 0.9999$$

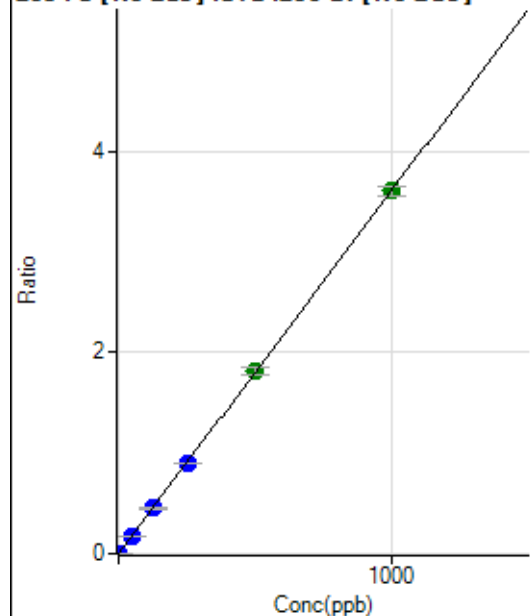
$$DL = 0.03498$$

$$BEC = 0.09698$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1140.80	0.0004	P	12.7
2	☐	0.100					
3	☐	1.000	0.878	10920.71	0.0035	P	2.0
4	☐	50.000	49.611	548014.16	0.1795	P	1.3
5	☐	125.000	124.670	1420808.46	0.4506	P	0.5
6	☐	250.000	248.413	3006719.85	0.8975	P	1.1
7	☐	500.000	501.463	6184125.41	1.8114	A	4.0
8	☐	1000.000	999.726	12901893.02	3.6108	A	2.5
9	☐			25710.96	0.0075	P	2.0

$$y = 0.0036 * x + 3.5053\text{E-}004$$

$$R = 1.0000$$

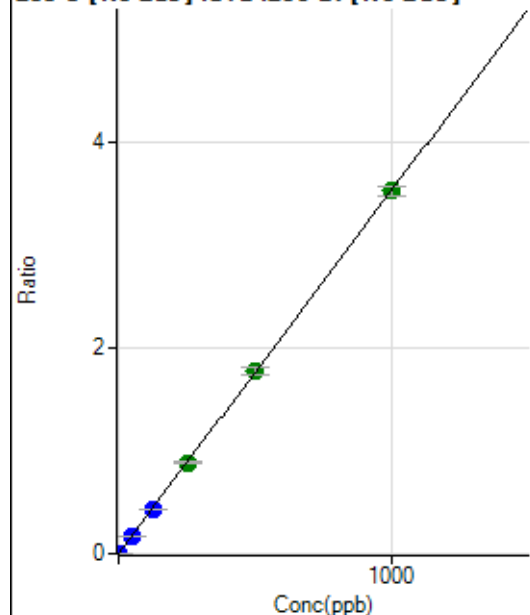
$$DL = 0.037$$

$$BEC = 0.09706$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	15.7
2	☐	0.100					
3	☐	1.000	0.823	9078.75	0.0029	P	1.6
4	☐	50.000	48.402	521328.66	0.1708	P	2.3
5	☐	125.000	123.237	1371018.32	0.4348	P	0.4
6	☐	250.000	250.529	2961214.87	0.8839	A	0.8
7	☐	500.000	502.004	6046165.63	1.7711	A	4.3
8	☐	1000.000	999.166	12595384.14	3.5251	A	2.7
9	☐			258.35	0.0001	P	19.8

$$y = 0.0035 * x + 2.1337E-005$$

$$R = 1.0000$$

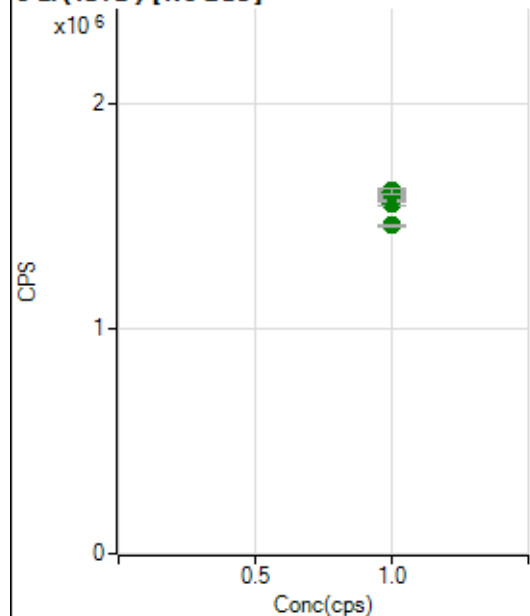
$$DL = 0.002854$$

$$BEC = 0.006048$$

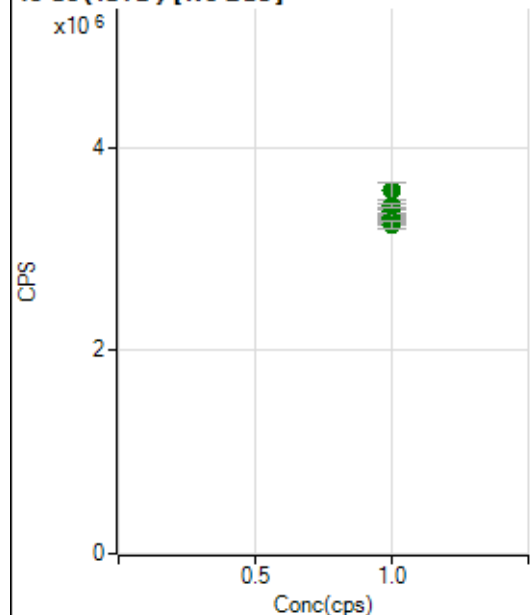
Weight: <None>

Min Conc: 0

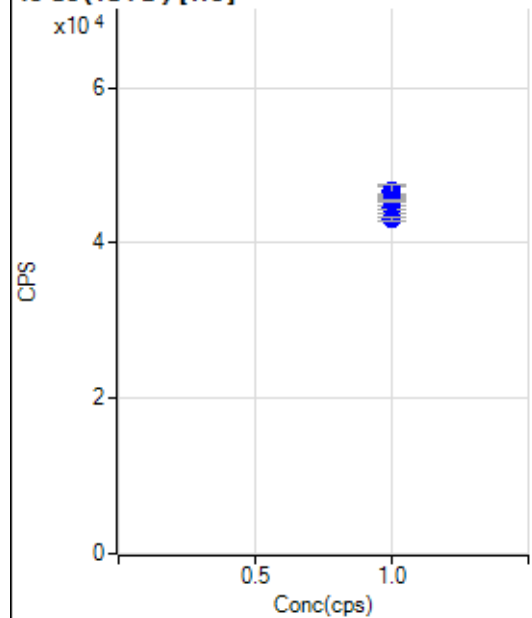
6 Li (ISTD) [No Gas]



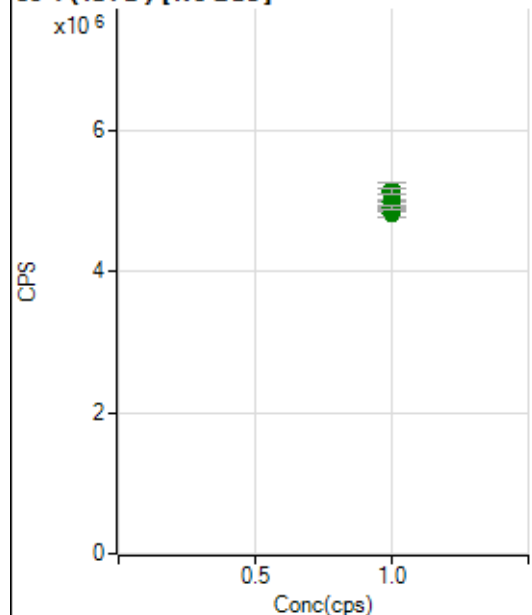
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1607988.77		A	2.8
2	☐	1.000					
3	☐	1.000		1564859.86		A	1.9
4	☐	1.000		1560509.87		A	1.3
5	☐	1.000		1579144.82		A	1.6
6	☐	1.000		1615292.48		A	0.4
7	☐	1.000		1597801.88		A	3.0
8	☐	1.000		1611906.06		A	1.3
9	☐	1.000		1460183.72		A	0.6

45 Sc (ISTD) [No Gas]

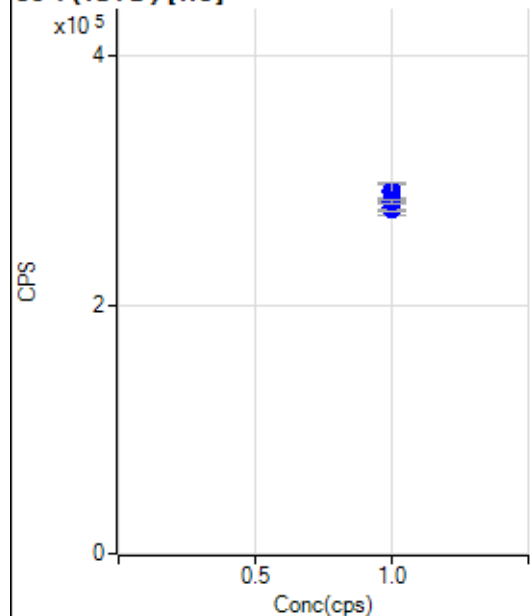
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3575885.17		A	4.7
2	☐	1.000					
3	☐	1.000		3331466.67		A	1.2
4	☐	1.000		3314600.44		A	0.8
5	☐	1.000		3277504.83		A	1.3
6	☐	1.000		3372906.11		A	0.9
7	☐	1.000		3296616.93		A	3.5
8	☐	1.000		3428078.98		A	1.4
9	☐	1.000		3239798.14		A	1.9

45 Sc (ISTD) [He]

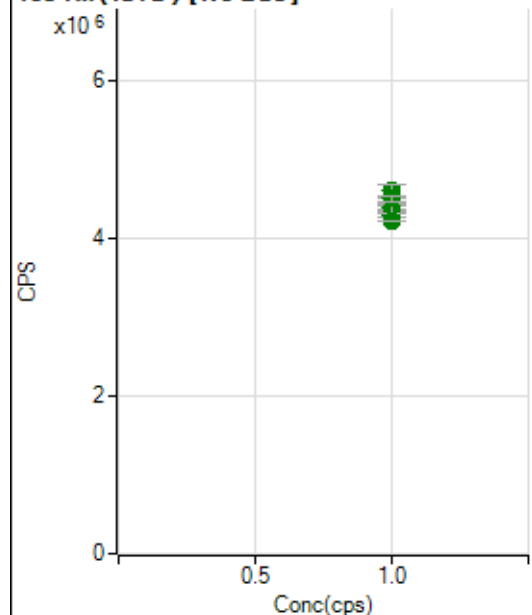
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		46596.04		P	3.1
2	☐	1.000					
3	☐	1.000		46112.28		P	1.2
4	☐	1.000		46704.46		P	3.3
5	☐	1.000		44716.70		P	3.8
6	☐	1.000		45487.92		P	0.5
7	☐	1.000		44656.42		P	1.0
8	☐	1.000		45333.11		P	0.5
9	☐	1.000		43099.30		P	0.9

89 Y (ISTD) [No Gas]

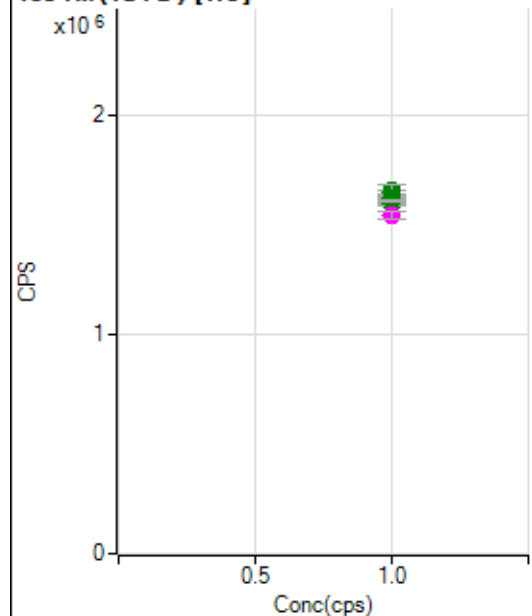
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5141047.74		A	5.0
2	☐	1.000					
3	☐	1.000		4882945.80		A	1.3
4	☐	1.000		4829092.88		A	2.4
5	☐	1.000		4856122.91		A	0.4
6	☐	1.000		4989138.68		A	0.5
7	☐	1.000		4978167.08		A	4.2
8	☐	1.000		5134662.56		A	1.5
9	☐	1.000		4906966.52		A	0.8

89 Y (ISTD) [He]

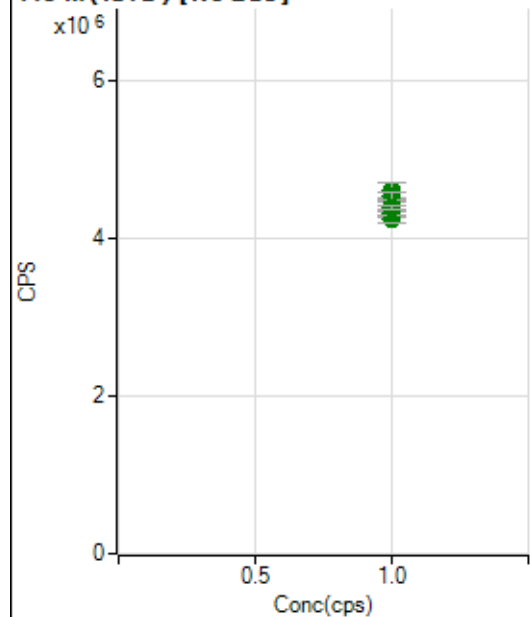
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		291585.75		P	4.0
2	☐	1.000					
3	☐	1.000		284932.87		P	0.8
4	☐	1.000		291852.47		P	4.3
5	☐	1.000		278260.43		P	4.1
6	☐	1.000		283261.89		P	0.5
7	☐	1.000		276679.72		P	0.5
8	☐	1.000		283939.60		P	0.8
9	☐	1.000		283076.25		P	1.2

103 Rh (ISTD) [No Gas]

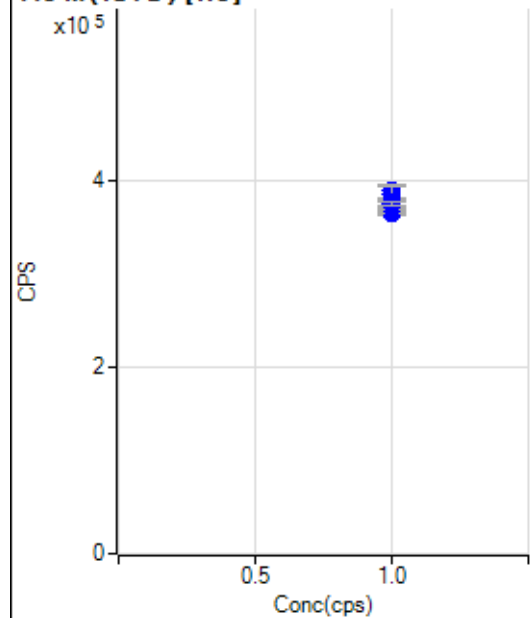
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4595312.56		A	4.1
2	☐	1.000					
3	☐	1.000		4351003.61		A	0.0
4	☐	1.000		4286431.34		A	1.6
5	☐	1.000		4291314.46		A	1.6
6	☐	1.000		4413136.04		A	0.6
7	☐	1.000		4373996.97		A	3.1
8	☐	1.000		4494758.82		A	1.6
9	☐	1.000		4213071.49		A	0.1

103 Rh (ISTD) [He]

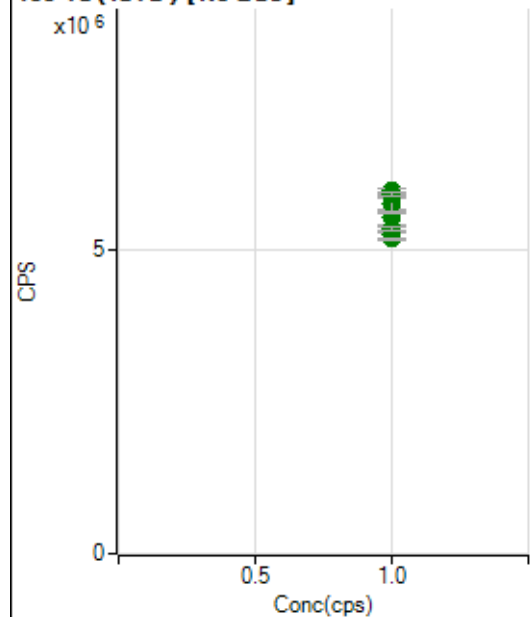
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1657683.92		A	3.8
2	☐	1.000					
3	☐	1.000		1648244.14		A	1.9
4	☐	1.000		1646171.80		A	5.2
5	☐	1.000		1602791.14		A	4.7
6	☐	1.000		1622657.82		A	1.6
7	☐	1.000		1599574.58		A	1.1
8	☐	1.000		1613687.23		A	0.8
9	☐	1.000		1545306.76		M	2.0

115 In (ISTD) [No Gas]

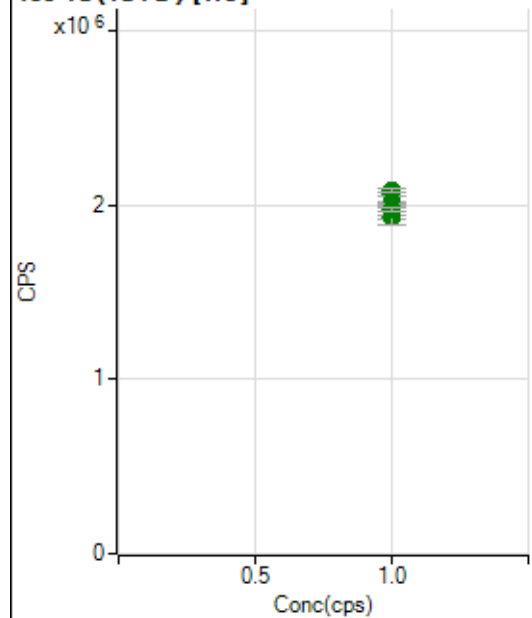
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4599225.42		A	4.2
2	☐	1.000					
3	☐	1.000		4318297.89		A	1.2
4	☐	1.000		4237874.64		A	1.8
5	☐	1.000		4318035.93		A	1.1
6	☐	1.000		4470281.71		A	0.2
7	☐	1.000		4424175.14		A	3.1
8	☐	1.000		4535373.41		A	2.5
9	☐	1.000		4392284.22		A	1.0

115 In (ISTD) [He]

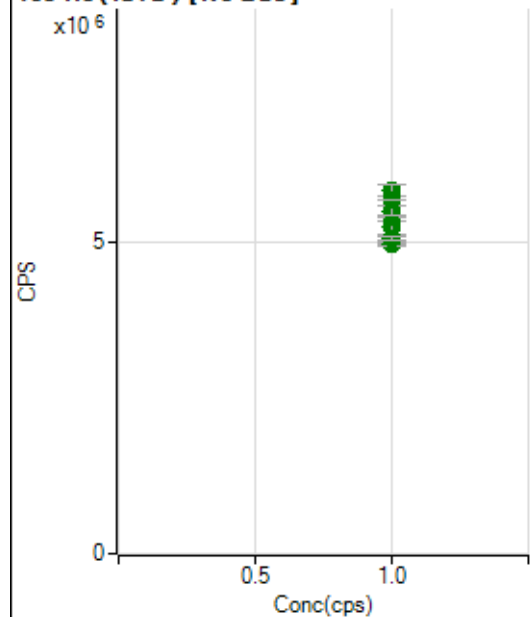
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		388288.57		P	3.9
2	☐	1.000					
3	☐	1.000		377963.20		P	1.1
4	☐	1.000		385447.10		P	4.3
5	☐	1.000		369620.72		P	4.4
6	☐	1.000		376660.46		P	0.5
7	☐	1.000		364836.74		P	0.8
8	☐	1.000		369815.66		P	0.7
9	☐	1.000		374961.09		P	0.8

159 Tb (ISTD) [No Gas]

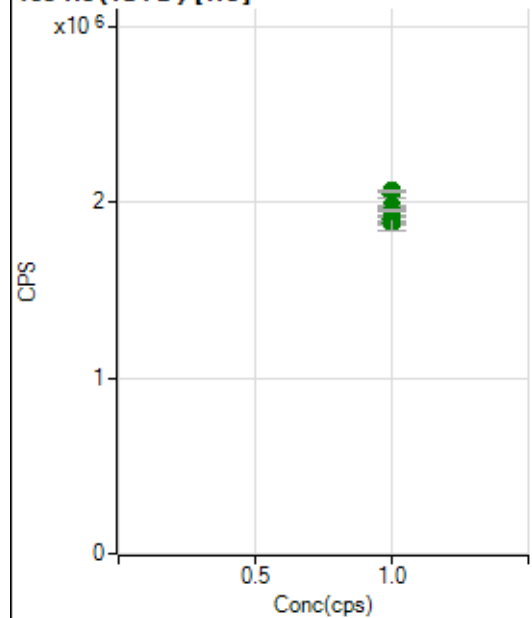
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5552844.33		A	4.7
2	☐	1.000					
3	☐	1.000		5245606.21		A	1.6
4	☐	1.000		5187126.35		A	1.0
5	☐	1.000		5366188.39		A	1.3
6	☐	1.000		5648480.33		A	1.0
7	☐	1.000		5753909.78		A	3.6
8	☐	1.000		5979443.39		A	1.4
9	☐	1.000		5922145.47		A	1.1

159 Tb (ISTD) [He]

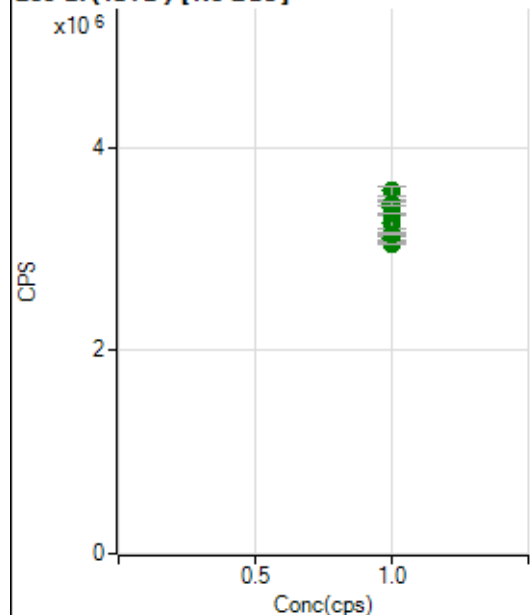
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1985196.15		A	4.3
2	☐	1.000					
3	☐	1.000		1933461.22		A	1.6
4	☐	1.000		2001318.58		A	5.6
5	☐	1.000		1930927.26		A	3.8
6	☐	1.000		2006168.81		A	0.3
7	☐	1.000		1981634.55		A	1.2
8	☐	1.000		2062411.53		A	1.1
9	☐	1.000		2084632.78		A	1.1

165 Ho (ISTD) [No Gas]

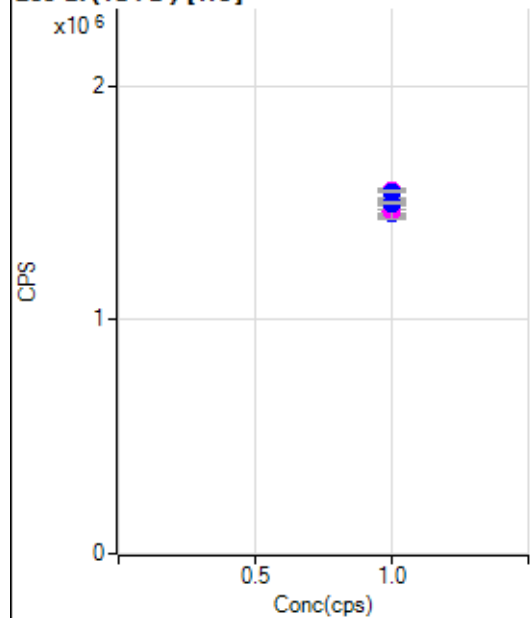
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5228046.82		A	4.1
2	☐	1.000					
3	☐	1.000		4960522.98		A	0.7
4	☐	1.000		4946528.28		A	1.5
5	☐	1.000		5048677.67		A	0.7
6	☐	1.000		5399290.31		A	0.6
7	☐	1.000		5482730.98		A	2.9
8	☐	1.000		5806453.43		A	3.0
9	☐	1.000		5670752.08		A	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1919397.89		A	3.5
2	☐	1.000					
3	☐	1.000		1901965.77		A	1.2
4	☐	1.000		1929476.76		A	5.7
5	☐	1.000		1884213.41		A	4.7
6	☐	1.000		1977045.75		A	0.7
7	☐	1.000		1951068.04		A	0.3
8	☐	1.000		2042446.10		A	1.6
9	☐	1.000		2065368.29		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3262640.50		A	3.9
2	☐	1.000					
3	☐	1.000		3103185.68		A	1.1
4	☐	1.000		3052920.06		A	0.8
5	☐	1.000		3153188.22		A	0.7
6	☐	1.000		3350207.14		A	0.3
7	☐	1.000		3417618.77		A	4.0
8	☐	1.000		3574587.69		A	2.7
9	☐	1.000		3448950.64		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1473682.77		P	3.6
2	☐	1.000					
3	☐	1.000		1454478.21		P	1.9
4	☐	1.000		1488439.70		M	4.2
5	☐	1.000		1459567.10		M	4.3
6	☐	1.000		1513901.77		P	0.7
7	☐	1.000		1498553.40		P	0.7
8	☐	1.000		1550736.68		M	1.0
9	☐	1.000		1546383.57		P	0.5

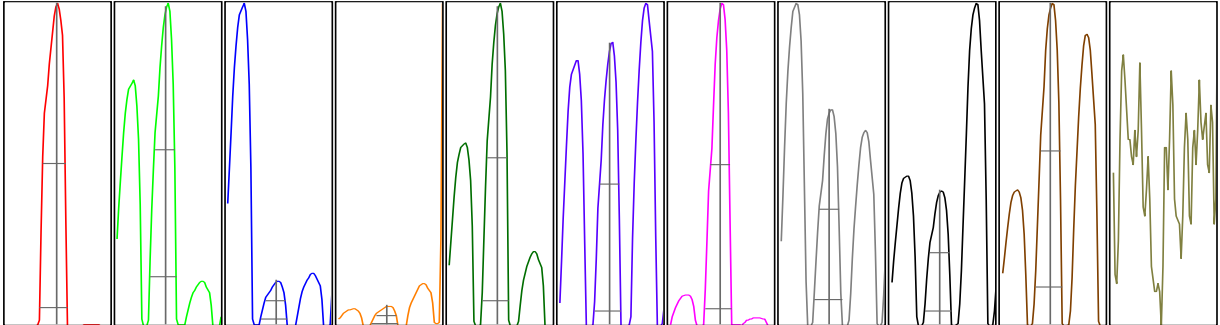
US EPA Tune Check Sample Report

Batch Folder D:\P8032719MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8885	0.48	5.00	
24	55683	0.97	5.00	
25	7835	0.86	5.00	
26	9657	0.50	5.00	
59	47527	0.55	5.00	
113	5902	0.36	5.00	
115	69876	0.83	5.00	
206	14214	1.14	5.00	
207	13335	0.62	5.00	
208	30690	1.10	5.00	
220	2	18.52		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8869	8905	8938	8823	8892
24	55311	54955	55816	56233	56099
25	7782	7818	7941	7775	7857
26	9613	9606	9707	9704	9657
59	47281	47363	47893	47393	47707
113	5894	5881	5937	5900	5896
115	69324	69217	70254	70547	70041
206	14116	14043	14431	14148	14334
207	13312	13246	13468	13303	13347
208	30315	30401	31021	30672	31039
220	2	2	2	2	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	15126	9.00	8.9 - 9.1		0.784	0.900	
24	99658	23.95	23.9 - 24.1		0.750	0.900	
25	13920	24.95	24.9 - 25.1		0.751	0.900	
26	16345	25.95	25.9 - 26.1		0.750	0.900	
59	85429	58.95	58.9 - 59.1		0.757	0.900	
113	11129	113.00	112.9 - 113.1		0.764	0.900	
115	132288	115.00	114.9 - 115.1		0.771	0.900	
206	25908	205.95	205.9 - 206.1		0.771	0.900	
207	23429	206.95	206.9 - 207.1		0.758	0.900	
208	55742	207.95	207.9 - 208.1		0.759	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.9	V	Deflect	16.4	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7819	2.61	
89	4248	2.51	
205	10822	1.40	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7831	7757	7671	7672	8164
89	4214	4223	4184	4181	4435
205	10768	10717	10806	10731	11085

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.9	V	Deflect	3.0	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 14:44:15 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.87	-0.46	-0.42	0.00	N/A	ppb
Antimony	121-1	0.01	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-1	0.02	-0.03	0.00	0.00	N/A	ppb
Barium	135-1	0.02	0.01	-0.02	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.10	0.27	-0.16	0.00	N/A	ppb
Boron	11-1	-0.05	0.06	-0.02	0.00	N/A	ppb
Cadmium	111-1	0.08	0.03	-0.11	0.00	N/A	ppb
Cadmium	106-1	1.24	0.31	-1.55	0.00	N/A	ppb
Cadmium	108-1	0.06	-0.10	0.04	0.00	N/A	ppb
Calcium	43-1	1.38	-3.65	2.27	0.00	N/A	ppb
Calcium	44-1	6.39	-5.45	-0.95	0.00	N/A	ppb
Chromium	52-2	0.08	0.02	-0.10	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.02	-0.02	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.06	0.17	-0.23	0.00	N/A	ppb
Iron	57-2	0.21	-0.59	0.38	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.65	-1.51	3.16	0.00	N/A	ppb

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 14:44:15 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.02	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.04	-0.02	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.02	0.03	0.00	N/A	ppb
Phosphorus	31-2	1.28	-27.52	-17.09	-14.44		ppb
Potassium	39-2	5.70	-12.35	6.65	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	2.07	-1.03	-1.03	0.00	N/A	ppb
Selenium	78-2	-0.37	-0.87	1.24	0.00	N/A	ppb
Selenium	82-1	-0.66	0.10	0.56	0.00	N/A	ppb
Silicon	28-1	135.19	-100.00	-35.19	0.00	N/A	ppb
Silver	109-1	0.01	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	3.12	-5.47	2.35	0.00	N/A	ppb
Strontium	86-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	374.18	-2996.09	-1734.02	-1451.98		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.05	-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	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	-0.06	0.08	0.00	N/A	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:44:15	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.02	0.00	-0.01	0.00	N/A	ppb

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 14:51:57 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.72	14.80	15.41	15.98	9.63	ppb
Antimony	121-1	1.78	1.80	1.88	1.82	3.00	ppb
Arsenic	75-1	0.88	0.82	1.09	0.93	15.42	ppb
Barium	135-1	9.68	9.01	9.50	9.40	3.73	ppb
Barium	137-1	9.94	9.27	9.51	9.57	3.55	ppb
Beryllium	9-1	0.91	0.93	0.99	0.95	4.44	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Boron	10-1	24.28	22.47	21.60	22.78	6.00	ppb
Boron	11-1	23.00	22.65	23.56	23.07	1.99	ppb
Cadmium	111-1	0.88	0.95	1.09	0.98	11.06	ppb
Cadmium	106-1	-0.50	1.84	2.16	1.17	124.39	ppb
Cadmium	108-1	1.19	0.80	1.08	1.02	19.57	ppb
Calcium	43-1	446.18	456.17	447.61	449.99	1.20	ppb
Calcium	44-1	477.73	465.91	473.84	472.49	1.28	ppb
Chromium	52-2	1.81	1.77	1.75	1.78	1.58	ppb
Cobalt	59-2	0.92	0.96	0.88	0.92	4.45	ppb
Copper	63-2	1.87	1.82	1.94	1.88	3.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	56-2	49.08	48.69	49.78	49.18	1.13	ppb
Iron	57-2	49.64	46.68	45.26	47.19	4.73	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.94	0.97	0.97	3.12	ppb
Lead	207-1	0.83	0.84	0.80	0.83	2.44	ppb
Lead	208-1	0.88	0.86	0.90	0.88	2.26	ppb
Lithium	6-1				97		%
Magnesium	24-2	497.65	477.96	488.61	488.07	2.02	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:51:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.13	0.79	1.05	0.99	18.19	ppb
Molybdenum	94-1	4.47	4.39	4.46	4.44	0.99	ppb
Molybdenum	95-1	4.38	4.33	4.26	4.32	1.37	ppb
Molybdenum	96-1	4.63	4.30	4.24	4.39	4.73	ppb
Molybdenum	97-1	4.50	4.45	4.41	4.45	1.03	ppb
Molybdenum	98-1	4.55	4.44	4.40	4.46	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.91	0.91	0.93	4.82	ppb
Phosphorus	31-2	2.22	20.38	20.73	14.44	73.28	ppb
Potassium	39-2	488.22	461.50	501.10	483.61	4.18	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				99		%
Selenium	77-2	5.44	5.35	2.15	4.31	43.43	ppb
Selenium	78-2	2.74	3.19	4.70	3.55	28.95	ppb
Selenium	82-1	5.00	6.20	5.82	5.67	10.82	ppb
Silicon	28-1	260.30	172.58	212.67	215.18	20.41	ppb
Silver	109-1	1.03	0.98	0.97	1.00	3.21	ppb
Silver	107-1	1.03	0.88	1.00	0.97	8.53	ppb
Sodium	23-2	494.09	479.74	488.93	487.58	1.49	ppb
Strontium	86-1	0.70	0.76	0.78	0.75	5.02	ppb
Strontium	88-1	0.80	0.80	0.81	0.80	0.64	ppb
Sulfur	34-1	2068.02	881.00	1406.91	1451.98	40.96	ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	0.91	0.88	0.88	0.89	2.39	ppb
Thallium	205-1	0.83	0.84	0.86	0.84	1.36	ppb
Tin	118-1	4.78	4.83	4.84	4.82	0.68	ppb
Titanium	47-1	4.60	4.92	4.68	4.73	3.58	ppb
Uranium	238-1	0.84	0.82	0.81	0.82	1.60	ppb
Vanadium	51-2	4.83	4.68	4.85	4.79	1.89	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	2.16	1.87	2.18	2.07	8.32	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:51:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.86	0.82	0.86	4.81	ppb
Zirconium	91-1	0.90	0.73	0.82	0.82	10.00	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:55:48	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	955.53	929.31	1040.43	975.09	5.96	ppb
Antimony	121-1	50.82	52.47	52.55	51.95	1.88	ppb
Arsenic	75-1	48.02	50.37	49.60	49.33	2.42	ppb
Barium	135-1	254.82	262.33	263.92	260.36	1.87	ppb
Barium	137-1	256.83	258.34	262.22	259.13	1.07	ppb
Beryllium	9-1	49.80	51.31	51.91	51.01	2.12	ppb
Bismuth	209-1				94		%
Bismuth	209-2				101		%
Boron	10-1	50.64	53.54	52.75	52.31	2.87	ppb
Boron	11-1	48.72	50.33	51.31	50.12	2.62	ppb
Cadmium	111-1	53.69	53.68	54.63	54.00	1.01	ppb
Cadmium	106-1	50.51	52.59	54.47	52.52	3.78	ppb
Cadmium	108-1	53.73	53.49	57.23	54.81	3.82	ppb
Calcium	43-1	4993.31	5031.32	5163.80	5062.81	1.77	ppb
Calcium	44-1	4971.65	5079.43	5136.18	5062.42	1.65	ppb
Chromium	52-2	49.74	48.86	52.73	50.44	4.02	ppb
Cobalt	59-2	49.84	49.48	51.95	50.42	2.65	ppb
Copper	63-2	100.05	97.12	104.37	100.51	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				101		%
Indium	115-1				92		%
Indium	115-2				99		%
Iron	56-2	2550.08	2492.55	2691.36	2577.99	3.97	ppb
Iron	57-2	2521.74	2446.10	2590.83	2519.55	2.87	ppb
Krypton	83-1						cps
Lead	206-1	48.83	50.10	49.63	49.52	1.30	ppb
Lead	207-1	48.01	49.52	49.46	48.99	1.74	ppb
Lead	208-1	48.87	49.89	50.08	49.61	1.32	ppb
Lithium	6-1				97		%
Magnesium	24-2	5194.02	5045.30	5499.03	5246.12	4.41	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:55:48	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.09	99.96	105.37	101.81	3.03	ppb
Molybdenum	94-1	242.73	255.96	258.09	252.26	3.30	ppb
Molybdenum	95-1	239.88	252.14	254.09	248.71	3.10	ppb
Molybdenum	96-1	241.38	253.67	255.80	250.29	3.11	ppb
Molybdenum	97-1	240.95	251.74	254.90	249.20	2.94	ppb
Molybdenum	98-1	242.13	249.99	251.69	247.94	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.48	51.03	52.46	51.32	1.99	ppb
Phosphorus	31-2	841.57	1012.97	1284.86	1046.47	21.36	ppb
Potassium	39-2	2539.42	2434.20	2621.80	2531.81	3.71	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				100		%
Selenium	77-2	29.28	66.63	48.30	48.07	38.85	ppb
Selenium	78-2	51.88	47.30	50.67	49.95	4.75	ppb
Selenium	82-1	48.79	53.07	54.12	51.99	5.44	ppb
Silicon	28-1	224.11	277.73	266.54	256.12	11.04	ppb
Silver	109-1	53.40	53.60	54.16	53.72	0.74	ppb
Silver	107-1	52.52	53.70	55.27	53.83	2.57	ppb
Sodium	23-2	5244.34	5201.05	5592.45	5345.95	4.01	ppb
Strontium	86-1	47.59	49.28	50.57	49.14	3.04	ppb
Strontium	88-1	49.51	51.23	52.25	51.00	2.72	ppb
Sulfur	34-1	2398.30	3123.42	3092.06	2871.26	14.28	ppb
Terbium	159-1				93		%
Terbium	159-2				101		%
Thallium	203-1	47.66	49.28	49.38	48.77	1.97	ppb
Thallium	205-1	49.55	50.74	51.09	50.46	1.60	ppb
Tin	118-1	51.18	52.63	52.57	52.13	1.58	ppb
Titanium	47-1	248.78	251.59	257.94	252.77	1.86	ppb
Uranium	238-1	47.15	49.16	48.89	48.40	2.26	ppb
Vanadium	51-2	48.56	48.05	53.04	49.88	5.50	ppb
Yttrium	89-1				94		%
Yttrium	89-2				100		%
Zinc	66-2	104.11	97.24	105.84	102.40	4.44	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:55:48	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	48.76	50.67	51.01	50.15	2.42	ppb
Zirconium	91-1	47.79	49.33	50.90	49.34	3.16	ppb

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 14:59:38 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2630.00	2439.53	2408.89	2492.80	4.81	ppb
Antimony	121-1	127.73	130.87	129.17	129.25	1.21	ppb
Arsenic	75-1	124.66	128.18	126.86	126.57	1.41	ppb
Barium	135-1	637.53	657.73	640.25	645.17	1.70	ppb
Barium	137-1	648.16	652.69	650.54	650.46	0.35	ppb
Beryllium	9-1	125.43	128.54	124.05	126.01	1.82	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	125.67	124.59	122.86	124.38	1.14	ppb
Boron	11-1	121.94	126.84	126.11	124.96	2.11	ppb
Cadmium	111-1	130.68	133.07	132.22	131.99	0.92	ppb
Cadmium	106-1	136.01	130.78	133.42	133.40	1.96	ppb
Cadmium	108-1	131.55	133.14	135.99	133.56	1.68	ppb
Calcium	43-1	12712.96	13066.00	12895.39	12891.45	1.37	ppb
Calcium	44-1	12572.28	13087.35	12822.36	12827.33	2.01	ppb
Chromium	52-2	135.95	128.77	124.73	129.82	4.37	ppb
Cobalt	59-2	136.22	127.89	126.97	130.36	3.91	ppb
Copper	63-2	274.22	251.98	250.03	258.75	5.19	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				97		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	6833.07	6406.73	6264.10	6501.30	4.55	ppb
Iron	57-2	6782.37	6289.74	6171.10	6414.40	5.05	ppb
Krypton	83-1						cps
Lead	206-1	124.91	125.21	125.05	125.06	0.12	ppb
Lead	207-1	122.23	122.44	123.08	122.58	0.36	ppb
Lead	208-1	123.96	125.33	124.72	124.67	0.55	ppb
Lithium	6-1				98		%
Magnesium	24-2	14077.42	13300.93	13048.59	13475.65	3.98	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:59:38	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	273.79	256.03	251.84	260.55	4.47	ppb
Molybdenum	94-1	631.77	637.10	641.04	636.64	0.73	ppb
Molybdenum	95-1	628.58	633.01	646.23	635.94	1.44	ppb
Molybdenum	96-1	627.37	639.57	648.71	638.55	1.68	ppb
Molybdenum	97-1	619.09	628.26	636.59	627.98	1.39	ppb
Molybdenum	98-1	619.61	641.79	634.66	632.02	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.53	130.13	127.84	132.16	4.26	ppb
Phosphorus	31-2	2746.22	2508.14	2238.47	2497.61	10.17	ppb
Potassium	39-2	6796.08	6421.01	6285.83	6500.97	4.07	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	77-2	108.14	150.64	134.24	131.01	16.36	ppb
Selenium	78-2	124.37	135.80	129.01	129.73	4.43	ppb
Selenium	82-1	127.61	128.08	128.36	128.02	0.30	ppb
Silicon	28-1	308.19	389.63	343.96	347.26	11.75	ppb
Silver	109-1	130.45	133.09	130.78	131.44	1.09	ppb
Silver	107-1	130.97	135.27	131.97	132.74	1.69	ppb
Sodium	23-2	14392.21	13469.88	13259.96	13707.35	4.39	ppb
Strontium	86-1	126.15	125.86	124.40	125.47	0.75	ppb
Strontium	88-1	129.36	129.68	127.77	128.94	0.80	ppb
Sulfur	34-1	3883.48	4617.51	4460.40	4320.46	8.95	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	123.76	123.81	124.24	123.94	0.21	ppb
Thallium	205-1	125.72	124.94	127.31	125.99	0.95	ppb
Tin	118-1	126.29	131.02	129.22	128.84	1.86	ppb
Titanium	47-1	631.18	651.07	642.36	641.54	1.55	ppb
Uranium	238-1	122.84	123.78	123.09	123.24	0.40	ppb
Vanadium	51-2	136.73	124.49	124.34	128.52	5.53	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	279.41	259.56	252.75	263.91	5.25	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:59:38	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	124.96	126.92	126.65	126.18	0.84	ppb
Zirconium	91-1	123.98	123.99	124.97	124.31	0.46	ppb

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:03:25 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4769.53	4802.17	4909.72	4827.14	1.52	ppb
Antimony	121-1	253.37	257.75	251.77	254.30	1.22	ppb
Arsenic	75-1	247.21	249.83	254.29	250.44	1.43	ppb
Barium	135-1	1257.94	1269.66	1258.75	1262.12	0.52	ppb
Barium	137-1	1283.34	1312.12	1281.14	1292.20	1.34	ppb
Beryllium	9-1	251.07	248.74	247.72	249.18	0.69	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	250.25	252.53	251.11	251.30	0.46	ppb
Boron	11-1	244.55	245.00	250.65	246.73	1.38	ppb
Cadmium	111-1	255.37	261.05	256.86	257.76	1.14	ppb
Cadmium	106-1	250.83	259.29	253.59	254.57	1.69	ppb
Cadmium	108-1	259.72	262.78	258.38	260.30	0.87	ppb
Calcium	43-1	24831.79	25313.92	25426.65	25190.78	1.25	ppb
Calcium	44-1	24474.39	25095.61	24879.67	24816.56	1.27	ppb
Chromium	52-2	255.95	255.93	254.55	255.48	0.31	ppb
Cobalt	59-2	257.35	253.82	253.37	254.85	0.86	ppb
Copper	63-2	509.71	507.61	505.77	507.70	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	12810.04	12717.49	12618.52	12715.35	0.75	ppb
Iron	57-2	12642.09	12584.05	12500.06	12575.40	0.57	ppb
Krypton	83-1						cps
Lead	206-1	243.00	250.33	249.97	247.77	1.67	ppb
Lead	207-1	240.86	246.33	247.52	244.90	1.45	ppb
Lead	208-1	245.30	249.95	249.99	248.41	1.09	ppb
Lithium	6-1				100		%
Magnesium	24-2	26580.41	26472.73	26356.37	26469.84	0.42	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:03:25	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	513.60	510.40	510.11	511.37	0.38	ppb
Molybdenum	94-1	1269.29	1254.07	1280.81	1268.06	1.06	ppb
Molybdenum	95-1	1259.44	1258.66	1260.27	1259.46	0.06	ppb
Molybdenum	96-1	1272.06	1264.67	1277.66	1271.46	0.51	ppb
Molybdenum	97-1	1268.35	1268.24	1282.76	1273.12	0.66	ppb
Molybdenum	98-1	1243.22	1244.31	1255.55	1247.69	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.49	255.93	255.82	256.75	0.59	ppb
Phosphorus	31-2	4832.22	5150.44	5051.97	5011.55	3.25	ppb
Potassium	39-2	12819.65	12750.50	12728.09	12766.08	0.37	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	77-2	267.16	268.22	254.41	263.27	2.92	ppb
Selenium	78-2	239.37	275.97	255.38	256.90	7.14	ppb
Selenium	82-1	255.03	252.62	256.27	254.64	0.73	ppb
Silicon	28-1	371.09	389.46	386.29	382.28	2.57	ppb
Silver	109-1	257.83	258.94	255.34	257.37	0.72	ppb
Silver	107-1	257.64	259.85	256.36	257.95	0.68	ppb
Sodium	23-2	27152.57	27119.56	26789.38	27020.50	0.74	ppb
Strontium	86-1	246.28	248.54	249.85	248.22	0.73	ppb
Strontium	88-1	252.98	253.88	255.67	254.18	0.54	ppb
Sulfur	34-1	4137.93	4427.82	4382.29	4316.01	3.61	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	240.78	249.87	252.79	247.81	2.53	ppb
Thallium	205-1	251.15	255.57	259.60	255.44	1.66	ppb
Tin	118-1	250.78	256.05	252.16	253.00	1.08	ppb
Titanium	47-1	1248.45	1259.35	1269.33	1259.04	0.83	ppb
Uranium	238-1	248.30	250.89	252.40	250.53	0.83	ppb
Vanadium	51-2	253.60	250.58	250.26	251.48	0.73	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	514.59	507.78	511.04	511.14	0.67	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:03:25	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	252.90	255.45	257.07	255.14	0.82	ppb
Zirconium	91-1	245.99	247.11	250.23	247.78	0.89	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:07:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9566.66	9559.31	9725.77	9617.25	0.98	ppb
Antimony	121-1	490.77	497.59	533.72	507.36	4.55	ppb
Arsenic	75-1	488.54	502.49	530.25	507.09	4.19	ppb
Barium	135-1	2458.11	2485.20	2654.40	2532.57	4.20	ppb
Barium	137-1	2452.03	2447.84	2652.27	2517.38	4.64	ppb
Beryllium	9-1	486.56	492.30	516.14	498.33	3.15	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	466.88	493.91	522.45	494.41	5.62	ppb
Boron	11-1	477.04	486.99	525.42	496.48	5.15	ppb
Cadmium	111-1	490.99	492.64	531.23	504.95	4.51	ppb
Cadmium	106-1	495.69	487.09	527.03	503.27	4.18	ppb
Cadmium	108-1	491.22	495.33	531.91	506.15	4.43	ppb
Calcium	43-1	49340.73	50662.25	53853.39	51285.46	4.52	ppb
Calcium	44-1	48357.61	49651.34	51941.95	49983.63	3.63	ppb
Chromium	52-2	506.94	504.00	508.02	506.32	0.41	ppb
Cobalt	59-2	500.86	500.36	506.81	502.68	0.71	ppb
Copper	63-2	1003.25	992.88	1018.28	1004.80	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	25150.83	25027.57	25388.27	25188.89	0.73	ppb
Iron	57-2	24949.98	24902.75	25389.12	25080.62	1.07	ppb
Krypton	83-1						cps
Lead	206-1	482.69	492.09	522.27	499.02	4.14	ppb
Lead	207-1	472.89	486.21	510.81	489.97	3.93	ppb
Lead	208-1	485.25	495.18	523.96	501.46	4.01	ppb
Lithium	6-1				99		%
Magnesium	24-2	53264.92	52197.31	53556.14	53006.12	1.35	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:07:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1011.12	991.88	1024.84	1009.28	1.64	ppb
Molybdenum	94-1	2388.44	2502.58	2644.94	2511.99	5.12	ppb
Molybdenum	95-1	2385.87	2480.03	2645.75	2503.88	5.25	ppb
Molybdenum	96-1	2385.66	2480.74	2672.02	2512.81	5.80	ppb
Molybdenum	97-1	2429.72	2524.80	2659.45	2537.99	4.55	ppb
Molybdenum	98-1	2396.20	2467.97	2650.75	2504.97	5.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.35	501.08	511.96	505.80	1.10	ppb
Phosphorus	31-2	10043.68	9873.46	9850.00	9922.38	1.07	ppb
Potassium	39-2	25210.94	25222.12	25568.33	25333.80	0.80	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	77-2	476.35	544.08	467.78	496.07	8.43	ppb
Selenium	78-2	507.26	481.15	514.05	500.82	3.47	ppb
Selenium	82-1	481.71	500.81	528.55	503.69	4.68	ppb
Silicon	28-1	521.54	612.33	776.58	636.82	20.30	ppb
Silver	109-1	497.59	499.81	541.16	512.85	4.79	ppb
Silver	107-1	501.79	496.94	543.78	514.17	5.01	ppb
Sodium	23-2	52782.63	52953.94	53349.33	53028.63	0.55	ppb
Strontium	86-1	480.81	494.68	528.54	501.35	4.90	ppb
Strontium	88-1	485.61	505.42	527.47	506.17	4.14	ppb
Sulfur	34-1	8070.63	8675.69	11044.45	9263.59	16.97	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	489.01	496.60	524.65	503.42	3.73	ppb
Thallium	205-1	497.06	495.95	539.77	510.93	4.89	ppb
Tin	118-1	484.59	496.61	531.85	504.35	4.87	ppb
Titanium	47-1	2454.43	2560.09	2688.05	2567.52	4.56	ppb
Uranium	238-1	486.88	492.55	526.58	502.00	4.28	ppb
Vanadium	51-2	504.91	497.42	509.81	504.05	1.24	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	1010.33	1004.41	1021.58	1012.11	0.86	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:07:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	486.80	500.44	536.68	507.98	5.07	ppb
Zirconium	91-1	474.84	493.76	521.66	496.75	4.74	ppb

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:10:43 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18926.09	18967.98	19133.96	19009.35	0.58	ppb
Antimony	121-1	999.74	999.62	984.49	994.62	0.88	ppb
Arsenic	75-1	1002.67	991.30	994.57	996.18	0.59	ppb
Barium	135-1	4982.98	4990.72	4959.25	4977.65	0.33	ppb
Barium	137-1	4962.55	5009.77	4959.04	4977.12	0.57	ppb
Beryllium	9-1	1030.44	973.81	998.34	1000.86	2.84	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	1003.55	992.13	1011.78	1002.49	0.98	ppb
Boron	11-1	1004.60	991.51	1011.76	1002.62	1.02	ppb
Cadmium	111-1	1003.52	995.77	984.25	994.51	0.97	ppb
Cadmium	106-1	1006.59	995.26	986.28	996.05	1.02	ppb
Cadmium	108-1	1001.16	989.01	988.95	993.04	0.71	ppb
Calcium	43-1	101275.06	99069.97	99555.48	99966.83	1.16	ppb
Calcium	44-1	98450.32	96804.94	95790.84	97015.37	1.38	ppb
Chromium	52-2	994.79	994.40	995.36	994.85	0.05	ppb
Cobalt	59-2	1002.02	990.71	997.54	996.76	0.57	ppb
Copper	63-2	1984.02	2009.03	1990.61	1994.55	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	50099.46	49794.63	49430.19	49774.76	0.67	ppb
Iron	57-2	49385.25	49347.68	49480.57	49404.50	0.14	ppb
Krypton	83-1						cps
Lead	206-1	1017.20	1003.78	982.21	1001.07	1.76	ppb
Lead	207-1	1035.78	1001.41	982.74	1006.64	2.67	ppb
Lead	208-1	1027.43	991.97	979.78	999.73	2.48	ppb
Lithium	6-1				100		%
Magnesium	24-2	103106.15	101533.15	103309.76	102649.69	0.95	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:10:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1996.47	1992.19	1984.66	1991.11	0.30	ppb
Molybdenum	94-1	5072.39	4922.30	4969.09	4987.93	1.54	ppb
Molybdenum	95-1	5048.64	4949.34	4985.19	4994.39	1.01	ppb
Molybdenum	96-1	5029.38	4935.67	4994.52	4986.52	0.95	ppb
Molybdenum	97-1	5044.52	4904.63	4975.53	4974.89	1.41	ppb
Molybdenum	98-1	5093.47	4905.76	4992.72	4997.32	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.10	994.31	991.95	994.45	0.26	ppb
Phosphorus	31-2	19487.07	20178.59	20436.04	20033.90	2.45	ppb
Potassium	39-2	49578.53	49426.05	49684.15	49562.91	0.26	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	946.65	1030.49	1016.85	998.00	4.51	ppb
Selenium	78-2	1019.98	950.82	1021.06	997.28	4.04	ppb
Selenium	82-1	1004.25	986.10	999.19	996.52	0.94	ppb
Silicon	28-1	902.18	838.85	834.12	858.38	4.43	ppb
Silver	109-1	1007.56	991.91	972.75	990.74	1.76	ppb
Silver	107-1	1008.91	983.23	977.17	989.77	1.70	ppb
Sodium	23-2	103323.16	102420.56	103543.47	103095.73	0.58	ppb
Strontium	86-1	1023.99	980.58	994.70	999.76	2.21	ppb
Strontium	88-1	1016.12	982.08	987.79	995.33	1.83	ppb
Sulfur	34-1	21350.59	19846.77	19456.88	20218.08	4.95	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	1002.13	1010.49	984.47	999.03	1.33	ppb
Thallium	205-1	1005.66	986.51	986.92	993.03	1.10	ppb
Tin	118-1	998.62	998.85	992.01	996.49	0.39	ppb
Titanium	47-1	5014.98	4957.23	4913.11	4961.77	1.03	ppb
Uranium	238-1	1030.61	986.93	979.96	999.17	2.75	ppb
Vanadium	51-2	999.28	994.49	997.75	997.17	0.25	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	1988.49	1995.07	1984.36	1989.30	0.27	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:10:43	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1013.63	976.06	994.04	994.57	1.89	ppb
Zirconium	91-1	1017.43	994.01	995.45	1002.30	1.31	ppb

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:14:12 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101323.39	99932.82	99480.23	100245.48	0.96	ppb
Antimony	121-1	1.11	1.16	1.12	1.13	2.43	ppb
Arsenic	75-1	1.43	1.49	1.37	1.43	4.43	ppb
Barium	135-1	0.49	0.46	0.50	0.48	4.50	ppb
Barium	137-1	0.49	0.44	0.45	0.46	6.39	ppb
Beryllium	9-1	0.10	0.06	0.05	0.07	40.40	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	33.41	31.06	30.84	31.77	4.49	ppb
Boron	11-1	32.58	30.04	29.63	30.75	5.20	ppb
Cadmium	111-1	-0.01	0.03	-0.06	-0.02		ppb
Cadmium	106-1	-0.43	-0.32	-1.29	-0.68		ppb
Cadmium	108-1	0.30	0.31	0.48	0.36	27.14	ppb
Calcium	43-1	502015.03	514830.07	482729.46	499858.18	3.23	ppb
Calcium	44-1	502091.34	513339.83	486365.70	500598.96	2.71	ppb
Chromium	52-2	6.49	6.87	6.61	6.66	2.90	ppb
Cobalt	59-2	11.72	11.74	11.64	11.70	0.47	ppb
Copper	63-2	3.45	3.51	3.56	3.51	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	252159.40	249824.88	248040.71	250008.33	0.83	ppb
Iron	57-2	252851.57	248065.00	249392.31	250102.96	0.99	ppb
Krypton	83-1						cps
Lead	206-1	1.92	1.97	1.98	1.96	1.49	ppb
Lead	207-1	2.01	1.81	2.03	1.95	6.36	ppb
Lead	208-1	1.95	1.94	2.01	1.97	2.07	ppb
Lithium	6-1				91		%
Magnesium	24-2	506964.75	497939.05	492303.55	499069.12	1.48	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:14:12	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.54	7.34	7.63	7.50	1.97	ppb
Molybdenum	94-1	1.96	2.05	1.87	1.96	4.71	ppb
Molybdenum	95-1	2.51	2.47	2.17	2.38	7.89	ppb
Molybdenum	96-1	2.77	2.44	2.46	2.56	7.09	ppb
Molybdenum	97-1	2.23	2.42	2.13	2.26	6.55	ppb
Molybdenum	98-1	2.50	2.22	2.14	2.29	8.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.72	12.10	11.98	12.27	3.24	ppb
Phosphorus	31-2	-26.36	-16.21	14.26	-9.44		ppb
Potassium	39-2	251861.57	249235.24	249005.71	250034.17	0.63	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	77-2	-1.03	-1.03	2.15	0.03	6760.07	ppb
Selenium	78-2	-0.33	0.20	-1.35	-0.49		ppb
Selenium	82-1	0.44	1.40	1.83	1.22	58.01	ppb
Silicon	28-1	561.30	658.98	560.93	593.74	9.52	ppb
Silver	109-1	0.17	0.19	0.18	0.18	3.85	ppb
Silver	107-1	0.14	0.14	0.16	0.14	7.84	ppb
Sodium	23-2	500956.05	499906.39	495967.56	498943.34	0.53	ppb
Strontium	86-1	4.03	3.62	3.55	3.73	6.91	ppb
Strontium	88-1	3.73	3.69	3.61	3.68	1.67	ppb
Sulfur	34-1	-5700.27	-3932.16	-4453.20	-4695.21		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.07	0.04	0.07	41.44	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	11.47	ppb
Tin	118-1	0.56	0.47	0.48	0.51	10.16	ppb
Titanium	47-1	0.74	0.76	0.66	0.72	6.82	ppb
Uranium	238-1	0.01	0.01	0.02	0.02	27.67	ppb
Vanadium	51-2	0.11	0.10	0.09	0.10	9.62	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	16.16	16.73	15.07	15.99	5.26	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:14:12	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.20	0.24	0.22	9.50	ppb
Zirconium	91-1	0.22	0.17	0.13	0.17	28.26	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:17:50	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	503.97	502.75	526.97	511.23	2.67	ppb
Antimony	121-1	185.15	185.70	189.95	186.93	1.41	ppb
Arsenic	75-1	192.44	194.65	194.78	193.96	0.68	ppb
Barium	135-1	95.08	95.75	95.95	95.59	0.48	ppb
Barium	137-1	94.99	96.50	97.22	96.24	1.19	ppb
Beryllium	9-1	97.61	99.74	99.30	98.88	1.14	ppb
Bismuth	209-1				115		%
Bismuth	209-2				115		%
Boron	10-1	14.71	13.57	12.97	13.75	6.42	ppb
Boron	11-1	14.76	13.27	12.97	13.67	6.99	ppb
Cadmium	111-1	94.14	96.12	98.08	96.12	2.05	ppb
Cadmium	106-1	83.65	83.47	90.57	85.89	4.71	ppb
Cadmium	108-1	101.56	100.79	102.35	101.57	0.77	ppb
Calcium	43-1	1866.14	1870.83	1842.83	1859.93	0.81	ppb
Calcium	44-1	1930.71	1952.66	1951.66	1945.01	0.64	ppb
Chromium	52-2	95.76	97.83	97.23	96.94	1.10	ppb
Cobalt	59-2	98.73	101.42	99.73	99.96	1.36	ppb
Copper	63-2	99.18	100.66	100.04	99.96	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				112		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	987.49	1010.55	1003.38	1000.48	1.18	ppb
Iron	57-2	1007.24	975.51	973.21	985.32	1.93	ppb
Krypton	83-1						cps
Lead	206-1	187.87	188.91	195.63	190.80	2.21	ppb
Lead	207-1	178.49	180.07	183.19	180.58	1.32	ppb
Lead	208-1	183.91	186.78	189.95	186.88	1.62	ppb
Lithium	6-1				94		%
Magnesium	24-2	1206.59	1251.89	1222.93	1227.13	1.87	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:17:50	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.71	100.47	101.06	100.41	0.67	ppb
Molybdenum	94-1	1707.64	1699.72	1705.04	1704.13	0.24	ppb
Molybdenum	95-1	2361.75	2369.51	2381.44	2370.90	0.42	ppb
Molybdenum	96-1	2281.62	2271.80	2302.74	2285.39	0.69	ppb
Molybdenum	97-1	2385.50	2384.00	2419.52	2396.34	0.84	ppb
Molybdenum	98-1	2364.84	2347.13	2371.36	2361.11	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.43	102.81	99.85	101.37	1.46	ppb
Phosphorus	31-2	2.19	3.08	-26.79	-7.17		ppb
Potassium	39-2	2006.25	2035.59	1980.18	2007.34	1.38	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	211.72	263.60	196.90	224.07	15.63	ppb
Selenium	78-2	211.60	191.08	191.38	198.02	5.94	ppb
Selenium	82-1	189.63	190.07	192.33	190.68	0.76	ppb
Silicon	28-1	517.66	543.65	531.02	530.78	2.45	ppb
Silver	109-1	95.61	95.98	97.50	96.36	1.04	ppb
Silver	107-1	95.06	95.66	98.14	96.29	1.70	ppb
Sodium	23-2	2219.60	2224.74	2225.06	2223.13	0.14	ppb
Strontium	86-1	2.17	1.91	2.13	2.07	6.89	ppb
Strontium	88-1	1.97	1.99	1.95	1.97	0.90	ppb
Sulfur	34-1	-5240.22	-5148.33	-5369.92	-5252.82		ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	199.10	202.87	204.16	202.04	1.30	ppb
Thallium	205-1	205.50	207.54	212.64	208.56	1.76	ppb
Tin	118-1	0.31	0.41	0.44	0.39	17.63	ppb
Titanium	47-1	2394.85	2424.39	2445.03	2421.42	1.04	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	15.74	ppb
Vanadium	51-2	103.86	109.74	105.88	106.50	2.80	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	205.98	213.99	207.73	209.23	2.01	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:17:50	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.13	0.13	0.14	4.78	ppb
Zirconium	91-1	0.20	0.22	0.19	0.20	7.67	ppb

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:21:16 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.83	-1.24	-1.34	-1.47		ppb
Antimony	121-1	0.11	0.11	0.15	0.12	22.02	ppb
Arsenic	75-1	0.06	0.08	0.09	0.08	17.99	ppb
Barium	135-1	-0.02	0.05	-0.02	0.00		ppb
Barium	137-1	0.02	0.03	0.01	0.02	31.06	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	46.72	ppb
Bismuth	209-1				116		%
Bismuth	209-2				114		%
Boron	10-1	8.19	7.75	8.44	8.13	4.30	ppb
Boron	11-1	8.24	8.85	8.19	8.43	4.40	ppb
Cadmium	111-1	-0.04	0.10	-0.02	0.01	623.25	ppb
Cadmium	106-1	-0.63	1.24	-0.47	0.05	2178.94	ppb
Cadmium	108-1	0.12	-0.10	-0.06	-0.01		ppb
Calcium	43-1	-11.67	-7.09	-11.00	-9.92		ppb
Calcium	44-1	48.27	52.78	45.68	48.91	7.35	ppb
Chromium	52-2	-0.13	-0.10	-0.05	-0.10		ppb
Cobalt	59-2	0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.25	0.19	0.21	0.22	13.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	0.08	-0.15	0.10	0.01	1250.65	ppb
Iron	57-2	-0.23	-0.07	-2.06	-0.79		ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.31	0.20	0.27	23.17	ppb
Lead	207-1	0.24	0.27	0.26	0.25	6.05	ppb
Lead	208-1	0.27	0.29	0.24	0.27	8.83	ppb
Lithium	6-1				96		%
Magnesium	24-2	-3.63	-1.53	-0.45	-1.87		ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:21:16	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.08	-0.12	-0.10	-0.10		ppb
Molybdenum	94-1	0.12	0.14	0.12	0.13	7.13	ppb
Molybdenum	95-1	0.20	0.21	0.19	0.20	4.55	ppb
Molybdenum	96-1	0.22	0.20	0.18	0.20	12.01	ppb
Molybdenum	97-1	0.18	0.19	0.20	0.19	3.56	ppb
Molybdenum	98-1	0.21	0.16	0.16	0.18	15.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-36.74	-36.74	3.31	-23.39		ppb
Potassium	39-2	3.39	7.08	0.62	3.70	87.63	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	-1.03	-1.03	-1.03	-1.03		ppb
Selenium	78-2	-0.86	-1.35	-1.35	-1.18		ppb
Selenium	82-1	-0.37	1.26	1.41	0.77	128.82	ppb
Silicon	28-1	458.65	486.91	464.09	469.88	3.19	ppb
Silver	109-1	0.09	0.10	0.08	0.09	8.42	ppb
Silver	107-1	0.08	0.08	0.08	0.08	5.38	ppb
Sodium	23-2	150.42	134.55	145.45	143.47	5.66	ppb
Strontium	86-1	0.06	-0.02	0.06	0.03	135.89	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	236.23	ppb
Sulfur	34-1	-6093.06	-4927.44	-5352.65	-5457.72		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	0.00	0.00	158.95	ppb
Thallium	205-1	0.01	0.03	0.01	0.02	61.47	ppb
Tin	118-1	0.00	0.01	0.01	0.01	98.31	ppb
Titanium	47-1	0.10	0.05	-0.02	0.04	136.18	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	198.87	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	98.83	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.18	0.01	0.26	0.15	86.27	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:21:16	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	135.00	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	302.68	ppb

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:24:46 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88774.65	88386.51	87189.70	88116.95	0.94	ppb
Antimony	121-1	1.04	1.24	1.15	1.14	8.79	ppb
Arsenic	75-1	1.87	1.47	1.80	1.71	12.54	ppb
Barium	135-1	1.43	1.48	1.48	1.46	1.85	ppb
Barium	137-1	1.39	1.68	1.35	1.47	12.08	ppb
Beryllium	9-1	0.28	0.31	0.28	0.29	5.75	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Boron	10-1	7.47	6.58	6.51	6.85	7.85	ppb
Boron	11-1	6.64	6.44	6.62	6.57	1.72	ppb
Cadmium	111-1	0.30	0.14	0.27	0.24	37.02	ppb
Cadmium	106-1	-0.68	-2.61	-0.93	-1.41		ppb
Cadmium	108-1	10.23	9.32	9.42	9.65	5.15	ppb
Calcium	43-1	94936.03	96927.27	97183.77	96349.02	1.28	ppb
Calcium	44-1	94042.67	94828.05	95056.13	94642.28	0.56	ppb
Chromium	52-2	20.04	19.97	20.43	20.15	1.23	ppb
Cobalt	59-2	1.26	1.15	1.10	1.17	7.02	ppb
Copper	63-2	8.12	7.98	8.00	8.04	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				115		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	99222.40	98832.54	98117.46	98724.13	0.57	ppb
Iron	57-2	99976.55	100512.29	97582.74	99357.19	1.57	ppb
Krypton	83-1						cps
Lead	206-1	5.24	5.10	5.12	5.15	1.47	ppb
Lead	207-1	4.59	4.50	4.30	4.46	3.31	ppb
Lead	208-1	4.88	4.73	4.70	4.77	1.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	103566.85	103669.40	102250.01	103162.09	0.77	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:24:46	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.87	7.74	8.20	8.27	6.85	ppb
Molybdenum	94-1	1315.57	1337.19	1320.87	1324.55	0.85	ppb
Molybdenum	95-1	1825.00	1860.99	1830.14	1838.71	1.06	ppb
Molybdenum	96-1	1788.70	1804.71	1771.69	1788.36	0.92	ppb
Molybdenum	97-1	1858.63	1873.84	1889.17	1873.88	0.82	ppb
Molybdenum	98-1	1810.45	1841.60	1848.69	1833.58	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.83	5.05	5.50	5.46	7.16	ppb
Phosphorus	31-2	97959.87	96983.20	98156.04	97699.70	0.64	ppb
Potassium	39-2	101181.51	100886.53	99857.10	100641.71	0.69	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	-1.03	-1.03	-1.03	-1.03		ppb
Selenium	78-2	-0.86	0.15	-0.37	-0.36		ppb
Selenium	82-1	1.02	1.43	-0.56	0.63	166.67	ppb
Silicon	28-1	447.43	510.82	506.89	488.38	7.27	ppb
Silver	109-1	0.33	0.43	0.42	0.39	13.22	ppb
Silver	107-1	0.36	0.35	0.39	0.37	4.85	ppb
Sodium	23-2	103959.29	103992.39	102980.04	103643.91	0.55	ppb
Strontium	86-1	28.43	28.77	29.84	29.01	2.53	ppb
Strontium	88-1	29.20	29.45	29.83	29.49	1.07	ppb
Sulfur	34-1	90035.00	90459.11	90941.61	90478.57	0.50	ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.06	0.05	0.05	20.42	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	11.52	ppb
Tin	118-1	0.19	0.12	0.18	0.16	23.37	ppb
Titanium	47-1	1976.74	1989.45	1982.82	1983.00	0.32	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	38.83	ppb
Vanadium	51-2	0.20	0.11	0.18	0.16	27.25	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	12.65	11.62	11.83	12.03	4.52	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:24:46	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	10.69	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	69.38	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:28:30	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89310.19	86960.84	86504.45	87591.83	1.72	ppb
Antimony	121-1	20.47	20.65	20.82	20.65	0.85	ppb
Arsenic	75-1	20.68	21.12	20.95	20.92	1.06	ppb
Barium	135-1	21.76	22.01	22.12	21.96	0.85	ppb
Barium	137-1	20.91	21.26	21.91	21.36	2.37	ppb
Beryllium	9-1	19.63	19.51	19.52	19.55	0.35	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	68.73	71.18	68.70	69.54	2.04	ppb
Boron	11-1	70.04	68.82	69.21	69.36	0.90	ppb
Cadmium	111-1	19.81	20.31	20.07	20.06	1.24	ppb
Cadmium	106-1	20.26	24.09	25.98	23.44	12.44	ppb
Cadmium	108-1	32.17	31.00	30.35	31.17	2.97	ppb
Calcium	43-1	99657.69	101199.22	101084.43	100647.12	0.85	ppb
Calcium	44-1	97066.18	98254.15	99007.37	98109.23	1.00	ppb
Chromium	52-2	41.87	40.62	40.12	40.87	2.22	ppb
Cobalt	59-2	22.14	21.42	21.30	21.62	2.09	ppb
Copper	63-2	29.51	28.48	28.81	28.94	1.82	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				110		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	101769.27	99107.61	99065.35	99980.74	1.55	ppb
Iron	57-2	102813.26	100835.10	100372.45	101340.27	1.28	ppb
Krypton	83-1						cps
Lead	206-1	24.82	24.73	24.88	24.81	0.31	ppb
Lead	207-1	22.84	22.54	22.90	22.76	0.86	ppb
Lead	208-1	23.77	23.75	23.93	23.81	0.41	ppb
Lithium	6-1				104		%
Magnesium	24-2	106813.48	102971.43	103862.39	104549.10	1.92	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:28:30	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	30.14	26.88	27.48	28.17	6.15	ppb
Molybdenum	94-1	1456.29	1458.37	1462.02	1458.90	0.20	ppb
Molybdenum	95-1	1902.06	1923.30	1922.97	1916.11	0.63	ppb
Molybdenum	96-1	1825.24	1891.54	1876.66	1864.48	1.87	ppb
Molybdenum	97-1	1885.66	1923.56	1937.89	1915.70	1.41	ppb
Molybdenum	98-1	1885.84	1912.99	1904.40	1901.08	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.93	26.97	25.94	26.28	2.28	ppb
Phosphorus	31-2	97692.90	95104.25	96558.54	96451.89	1.35	ppb
Potassium	39-2	103322.85	101683.30	101282.75	102096.30	1.06	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	77-2	21.40	17.98	21.59	20.32	10.01	ppb
Selenium	78-2	16.90	19.70	19.10	18.57	7.94	ppb
Selenium	82-1	19.04	20.61	20.82	20.16	4.84	ppb
Silicon	28-1	515.43	466.11	470.25	483.93	5.65	ppb
Silver	109-1	18.83	19.22	19.35	19.13	1.40	ppb
Silver	107-1	19.09	19.23	19.08	19.14	0.44	ppb
Sodium	23-2	109476.39	106773.74	106553.61	107601.25	1.51	ppb
Strontium	86-1	82.48	82.35	80.82	81.88	1.13	ppb
Strontium	88-1	83.93	84.72	84.87	84.51	0.60	ppb
Sulfur	34-1	94456.40	95889.81	96881.08	95742.43	1.27	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	19.23	19.53	19.96	19.57	1.87	ppb
Thallium	205-1	19.39	20.10	19.83	19.77	1.82	ppb
Tin	118-1	62.05	63.34	63.01	62.80	1.07	ppb
Titanium	47-1	2046.57	2049.50	2059.95	2052.01	0.34	ppb
Uranium	238-1	62.71	63.68	64.00	63.46	1.05	ppb
Vanadium	51-2	20.10	19.71	20.30	20.04	1.50	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	34.03	32.90	33.31	33.41	1.72	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:28:30	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	63.49	64.36	64.30	64.05	0.76	ppb
Zirconium	91-1	61.71	63.52	63.15	62.80	1.52	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:31:52	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52420.30	50994.74	50815.49	51410.18	1.71	ppb
Antimony	121-1	501.48	508.66	504.81	504.98	0.71	ppb
Arsenic	75-1	496.22	491.50	494.06	493.93	0.48	ppb
Barium	135-1	2518.57	2559.06	2541.91	2539.85	0.80	ppb
Barium	137-1	2473.01	2513.67	2512.52	2499.73	0.93	ppb
Beryllium	9-1	496.65	508.51	500.84	502.00	1.20	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	501.63	518.45	526.48	515.52	2.46	ppb
Boron	11-1	506.11	522.91	522.80	517.28	1.87	ppb
Cadmium	111-1	482.98	493.90	494.45	490.44	1.32	ppb
Cadmium	106-1	483.89	496.80	480.36	487.01	1.78	ppb
Cadmium	108-1	491.08	490.63	495.73	492.48	0.57	ppb
Calcium	43-1	246970.46	249451.42	246931.83	247784.57	0.58	ppb
Calcium	44-1	244165.58	244146.12	243223.11	243844.94	0.22	ppb
Chromium	52-2	523.08	507.98	506.74	512.60	1.77	ppb
Cobalt	59-2	514.40	505.16	501.83	507.13	1.28	ppb
Copper	63-2	996.56	969.67	967.15	977.80	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	128569.75	124826.45	124104.58	125833.59	1.90	ppb
Iron	57-2	129758.81	125538.57	124574.60	126623.99	2.18	ppb
Krypton	83-1						cps
Lead	206-1	493.71	509.00	488.93	497.21	2.11	ppb
Lead	207-1	485.34	498.69	488.41	490.81	1.42	ppb
Lead	208-1	497.32	509.62	495.76	500.90	1.52	ppb
Lithium	6-1				99		%
Magnesium	24-2	262568.17	252499.74	253692.19	256253.37	2.15	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:31:52	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1030.02	1013.87	999.21	1014.37	1.52	ppb
Molybdenum	94-1	2520.70	2521.30	2563.79	2535.26	0.97	ppb
Molybdenum	95-1	2506.55	2501.72	2547.47	2518.58	1.00	ppb
Molybdenum	96-1	2534.61	2533.03	2558.24	2541.96	0.56	ppb
Molybdenum	97-1	2550.99	2520.32	2555.99	2542.44	0.76	ppb
Molybdenum	98-1	2510.90	2508.41	2519.06	2512.79	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.90	497.86	498.27	502.01	1.36	ppb
Phosphorus	31-2	10495.34	10914.81	10085.99	10498.72	3.95	ppb
Potassium	39-2	131094.70	127952.11	126854.96	128633.92	1.71	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	77-2	515.70	499.45	497.35	504.17	1.99	ppb
Selenium	78-2	482.93	508.11	498.74	496.59	2.56	ppb
Selenium	82-1	492.52	492.33	495.25	493.37	0.33	ppb
Silicon	28-1	719.65	676.54	650.29	682.16	5.13	ppb
Silver	109-1	482.92	501.62	499.01	494.52	2.05	ppb
Silver	107-1	496.80	495.16	502.65	498.21	0.79	ppb
Sodium	23-2	269325.30	259529.22	258868.11	262574.21	2.23	ppb
Strontium	86-1	498.04	496.12	498.35	497.50	0.24	ppb
Strontium	88-1	503.61	504.35	509.47	505.81	0.63	ppb
Sulfur	34-1	6857.26	6213.42	5851.95	6307.54	8.07	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	508.07	513.24	484.76	502.02	3.02	ppb
Thallium	205-1	508.77	522.88	487.26	506.30	3.54	ppb
Tin	118-1	494.88	504.43	499.49	499.60	0.96	ppb
Titanium	47-1	2530.62	2537.27	2547.34	2538.41	0.33	ppb
Uranium	238-1	515.20	526.19	499.67	513.69	2.59	ppb
Vanadium	51-2	521.79	506.27	506.57	511.54	1.73	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	1021.47	984.75	982.93	996.38	2.18	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:31:52	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.56	515.92	515.31	512.60	1.02	ppb
Zirconium	91-1	493.99	499.55	499.39	497.64	0.64	ppb

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : CCB48 Instrumnet Name : P8
 Client Sample ID : CCB48 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:35:10 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.06	-0.40	1.95	0.87	135.93	ppb
Antimony	121-1	0.15	0.19	0.20	0.18	15.62	ppb
Arsenic	75-1	0.23	0.07	0.14	0.15	55.61	ppb
Barium	135-1	0.01	-0.01	-0.02	0.00		ppb
Barium	137-1	0.03	0.01	0.03	0.02	32.89	ppb
Beryllium	9-1	0.03	0.03	0.01	0.03	48.92	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	11.81	9.21	10.93	10.65	12.41	ppb
Boron	11-1	11.28	10.32	9.28	10.30	9.73	ppb
Cadmium	111-1	-0.15	-0.11	-0.08	-0.11		ppb
Cadmium	106-1	-2.22	-1.44	-1.29	-1.65		ppb
Cadmium	108-1	-0.10	0.21	-0.06	0.02	914.01	ppb
Calcium	43-1	-10.97	-14.34	-11.97	-12.43		ppb
Calcium	44-1	41.43	37.43	35.67	38.17	7.73	ppb
Chromium	52-2	-0.01	-0.20	0.02	-0.06		ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.37	0.37	0.32	0.35	7.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	1.76	2.04	1.74	1.84	9.11	ppb
Iron	57-2	0.85	1.49	2.16	1.50	43.55	ppb
Krypton	83-1						cps
Lead	206-1	0.47	0.39	0.47	0.44	9.78	ppb
Lead	207-1	0.41	0.46	0.34	0.40	14.09	ppb
Lead	208-1	0.44	0.43	0.43	0.43	1.84	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.13	-0.09	1.81	1.28	93.64	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:35:10	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.10	-0.10	-0.02	-0.07		ppb
Molybdenum	94-1	0.29	0.15	0.20	0.21	30.92	ppb
Molybdenum	95-1	0.22	0.16	0.18	0.19	16.51	ppb
Molybdenum	96-1	0.26	0.22	0.18	0.22	18.71	ppb
Molybdenum	97-1	0.21	0.20	0.15	0.19	16.93	ppb
Molybdenum	98-1	0.22	0.23	0.15	0.20	20.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.04	-0.01	0.03	110.30	ppb
Phosphorus	31-2	-8.50	0.68	-27.41	-11.74		ppb
Potassium	39-2	85.26	53.23	44.53	61.01	35.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	77-2	-1.03	-1.03	-1.03	-1.03		ppb
Selenium	78-2	-0.87	-1.35	-0.87	-1.03		ppb
Selenium	82-1	1.65	-0.33	1.08	0.80	127.85	ppb
Silicon	28-1	339.54	333.94	280.40	317.96	10.27	ppb
Silver	109-1	0.15	0.11	0.08	0.11	30.93	ppb
Silver	107-1	0.11	0.12	0.09	0.11	13.93	ppb
Sodium	23-2	185.30	166.60	166.07	172.66	6.34	ppb
Strontium	86-1	0.20	0.05	-0.10	0.05	307.81	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	70.40	ppb
Sulfur	34-1	-7651.99	-7794.56	-8218.29	-7888.28		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.08	0.08	0.10	0.09	16.52	ppb
Thallium	205-1	0.11	0.09	0.11	0.10	12.97	ppb
Tin	118-1	0.03	0.05	0.05	0.05	23.26	ppb
Titanium	47-1	0.13	0.00	0.08	0.07	92.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	207.66	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	30.48	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.17	0.29	0.21	0.22	27.97	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:35:10	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.02	0.02	15.59	ppb
Zirconium	91-1	0.02	0.01	0.01	0.02	20.74	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:38:39	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.74	11.77	16.72	17.41	34.57	ppb
Antimony	121-1	1.92	1.90	1.89	1.90	0.75	ppb
Arsenic	75-1	1.08	1.00	0.97	1.02	5.98	ppb
Barium	135-1	9.96	9.43	9.33	9.58	3.54	ppb
Barium	137-1	9.84	9.57	9.59	9.67	1.57	ppb
Beryllium	9-1	0.88	0.91	0.96	0.92	4.02	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	10-1	28.49	29.15	27.88	28.51	2.22	ppb
Boron	11-1	28.60	27.82	28.90	28.44	1.96	ppb
Cadmium	111-1	0.73	0.91	0.86	0.83	11.26	ppb
Cadmium	106-1	-2.39	1.08	0.30	-0.34		ppb
Cadmium	108-1	0.94	1.04	1.19	1.06	12.03	ppb
Calcium	43-1	429.68	442.98	471.65	448.11	4.79	ppb
Calcium	44-1	492.89	482.34	504.64	493.29	2.26	ppb
Chromium	52-2	1.78	1.79	1.77	1.78	0.65	ppb
Cobalt	59-2	0.93	0.98	1.00	0.97	3.79	ppb
Copper	63-2	2.20	2.22	2.12	2.18	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	52.98	51.06	51.81	51.95	1.87	ppb
Iron	57-2	53.07	49.01	53.16	51.75	4.58	ppb
Krypton	83-1						cps
Lead	206-1	1.25	1.20	1.11	1.19	6.14	ppb
Lead	207-1	1.09	1.15	1.04	1.09	4.78	ppb
Lead	208-1	1.16	1.13	1.12	1.14	1.72	ppb
Lithium	6-1				102		%
Magnesium	24-2	523.24	553.34	497.94	524.84	5.28	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:38:39	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	0.92	0.94	0.95	4.70	ppb
Molybdenum	94-1	4.34	4.68	4.68	4.57	4.21	ppb
Molybdenum	95-1	4.57	4.55	4.83	4.65	3.38	ppb
Molybdenum	96-1	4.69	4.59	4.52	4.60	1.89	ppb
Molybdenum	97-1	4.78	4.50	4.79	4.69	3.53	ppb
Molybdenum	98-1	4.80	4.58	4.44	4.61	3.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	0.90	1.02	1.03	13.34	ppb
Phosphorus	31-2	51.34	78.08	-27.12	34.10	160.35	ppb
Potassium	39-2	524.56	500.58	516.36	513.83	2.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	14.73	2.07	8.24	8.35	75.89	ppb
Selenium	78-2	3.64	2.58	-0.37	1.95	106.68	ppb
Selenium	82-1	4.29	5.01	6.11	5.14	17.86	ppb
Silicon	28-1	263.44	179.64	323.14	255.41	28.22	ppb
Silver	109-1	1.03	1.01	1.01	1.02	0.79	ppb
Silver	107-1	1.00	0.91	1.07	0.99	7.85	ppb
Sodium	23-2	652.76	642.70	636.83	644.10	1.25	ppb
Strontium	86-1	0.89	0.87	0.80	0.85	5.56	ppb
Strontium	88-1	0.80	0.81	0.81	0.81	0.64	ppb
Sulfur	34-1	-7369.10	-8056.79	-6727.87	-7384.59		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.95	0.89	1.03	0.95	7.18	ppb
Thallium	205-1	1.03	0.97	0.99	1.00	3.27	ppb
Tin	118-1	4.85	4.96	4.81	4.87	1.63	ppb
Titanium	47-1	4.49	4.47	4.80	4.59	4.08	ppb
Uranium	238-1	0.90	0.86	0.93	0.90	4.30	ppb
Vanadium	51-2	4.94	4.81	5.12	4.96	3.16	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	2.06	2.56	1.77	2.13	18.71	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:38:39	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.95	0.88	0.90	0.91	3.67	ppb
Zirconium	91-1	0.93	0.87	0.85	0.88	4.58	ppb

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : PB118300BL Instrumnet Name : P8
 Client Sample ID : PB118300BL Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:46:40 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.62	-0.20	0.47	0.30	146.99	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	15.08	ppb
Arsenic	75-1	0.09	0.02	0.01	0.04	96.74	ppb
Barium	135-1	0.01	-0.02	0.00	0.00		ppb
Barium	137-1	0.02	0.00	0.01	0.01	115.77	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	86.39	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	3.61	4.10	2.32	3.34	27.48	ppb
Boron	11-1	3.14	3.26	3.03	3.14	3.71	ppb
Cadmium	111-1	0.02	-0.05	-0.09	-0.04		ppb
Cadmium	106-1	0.22	-0.64	-1.16	-0.53		ppb
Cadmium	108-1	0.13	0.04	0.09	0.08	54.62	ppb
Calcium	43-1	-14.85	-16.95	-14.43	-15.41		ppb
Calcium	44-1	21.82	24.57	24.36	23.58	6.49	ppb
Chromium	52-2	0.00	0.11	0.09	0.07	89.12	ppb
Cobalt	59-2	0.00	-0.02	0.00	-0.01		ppb
Copper	63-2	0.02	0.13	0.12	0.09	70.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	0.41	0.05	-0.14	0.11	260.09	ppb
Iron	57-2	-1.51	1.41	-0.41	-0.17		ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.16	0.10	0.13	23.14	ppb
Lead	207-1	0.11	0.12	0.09	0.11	10.63	ppb
Lead	208-1	0.12	0.13	0.12	0.12	5.51	ppb
Lithium	6-1				99		%
Magnesium	24-2	-2.55	1.51	-0.85	-0.63		ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	PB118300BL	Instrumnet Name :	P8
Client Sample ID :	PB118300BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:46:40	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.10	0.05	-0.09	-0.05		ppb
Molybdenum	94-1	0.01	0.00	0.01	0.01	62.22	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	21.13	ppb
Molybdenum	96-1	0.02	0.01	0.04	0.02	64.59	ppb
Molybdenum	97-1	0.01	0.01	-0.01	0.00	231.18	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.01	44.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.01	0.00	-0.01		ppb
Phosphorus	31-2	-36.74	-7.45	-27.11	-23.77		ppb
Potassium	39-2	-4.26	11.69	7.69	5.04	164.69	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	5.16	-1.03	5.23	3.12	115.36	ppb
Selenium	78-2	-0.86	0.14	-0.85	-0.52		ppb
Selenium	82-1	0.61	0.59	0.23	0.48	44.67	ppb
Silicon	28-1	217.46	241.82	204.28	221.19	8.61	ppb
Silver	109-1	0.04	0.02	0.05	0.04	47.99	ppb
Silver	107-1	0.02	0.03	0.02	0.03	9.14	ppb
Sodium	23-2	90.13	90.29	86.30	88.90	2.54	ppb
Strontium	86-1	0.10	0.13	0.02	0.08	67.53	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-6270.18	-6295.09	-6000.33	-6188.53		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.07	0.06	0.05	32.11	ppb
Thallium	205-1	0.05	0.08	0.06	0.06	20.05	ppb
Tin	118-1	-0.03	0.02	0.00	0.00		ppb
Titanium	47-1	0.00	-0.04	0.10	0.02	382.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.01	109.16	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.12	0.19	0.07	0.05	337.14	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	PB118300BL	Instrumnet Name :	P8
Client Sample ID :	PB118300BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:46:40	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	47.11	ppb
Zirconium	91-1	0.01	0.01	0.03	0.02	92.90	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	PB118300BS	Instrumnet Name :	P8
Client Sample ID :	PB118300BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:50:10	DataFile Name :	020LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9308.31	9418.93	9643.96	9457.07	1.81	ppb
Antimony	121-1	506.39	506.37	521.86	511.54	1.75	ppb
Arsenic	75-1	487.81	479.40	505.47	490.89	2.71	ppb
Barium	135-1	2504.40	2507.72	2575.69	2529.27	1.59	ppb
Barium	137-1	2537.88	2489.76	2563.75	2530.46	1.48	ppb
Beryllium	9-1	491.54	495.28	510.81	499.21	2.05	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	487.81	501.33	518.62	502.59	3.07	ppb
Boron	11-1	485.56	497.97	513.33	498.95	2.79	ppb
Cadmium	111-1	505.60	491.83	513.67	503.70	2.19	ppb
Cadmium	106-1	499.87	493.58	502.21	498.56	0.90	ppb
Cadmium	108-1	511.27	496.33	523.11	510.24	2.63	ppb
Calcium	43-1	50323.07	48787.92	51574.71	50228.56	2.78	ppb
Calcium	44-1	49349.72	47998.18	50268.74	49205.55	2.32	ppb
Chromium	52-2	498.19	498.73	513.79	503.57	1.76	ppb
Cobalt	59-2	493.14	500.78	512.97	502.30	1.99	ppb
Copper	63-2	982.54	1000.10	1027.62	1003.42	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	24818.54	24911.62	25597.50	25109.22	1.69	ppb
Iron	57-2	24350.56	24778.70	25332.23	24820.50	1.98	ppb
Krypton	83-1						cps
Lead	206-1	485.58	476.08	500.58	487.41	2.53	ppb
Lead	207-1	481.11	468.39	497.36	482.29	3.01	ppb
Lead	208-1	494.15	480.30	506.82	493.76	2.69	ppb
Lithium	6-1				98		%
Magnesium	24-2	51822.54	52173.71	54021.25	52672.50	2.24	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	PB118300BS	Instrumnet Name :	P8
Client Sample ID :	PB118300BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:50:10	DataFile Name :	020LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	983.88	996.54	1033.54	1004.65	2.57	ppb
Molybdenum	94-1	2564.90	2414.72	2591.63	2523.75	3.78	ppb
Molybdenum	95-1	2541.92	2415.11	2550.02	2502.35	3.02	ppb
Molybdenum	96-1	2525.93	2390.75	2580.62	2499.10	3.91	ppb
Molybdenum	97-1	2541.43	2415.96	2587.06	2514.81	3.52	ppb
Molybdenum	98-1	2526.63	2397.83	2546.30	2490.26	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.59	501.86	518.71	505.05	2.45	ppb
Phosphorus	31-2	9440.50	10119.68	10303.20	9954.46	4.57	ppb
Potassium	39-2	24921.63	24935.29	25384.37	25080.43	1.05	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	77-2	534.03	503.04	473.50	503.52	6.01	ppb
Selenium	78-2	490.27	517.88	457.98	488.71	6.13	ppb
Selenium	82-1	502.46	473.59	513.53	496.53	4.15	ppb
Silicon	28-1	539.70	443.25	606.97	529.97	15.53	ppb
Silver	109-1	513.07	493.85	528.83	511.92	3.42	ppb
Silver	107-1	518.05	505.27	518.02	513.78	1.43	ppb
Sodium	23-2	52033.88	52303.44	54104.02	52813.78	2.13	ppb
Strontium	86-1	498.28	476.50	505.20	493.33	3.04	ppb
Strontium	88-1	505.58	484.90	509.41	499.96	2.64	ppb
Sulfur	34-1	6764.69	4769.68	6132.03	5888.80	17.31	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	496.95	478.94	509.60	495.16	3.11	ppb
Thallium	205-1	506.11	487.22	507.82	500.38	2.28	ppb
Tin	118-1	505.12	494.15	523.44	507.57	2.92	ppb
Titanium	47-1	2504.71	2460.16	2541.86	2502.24	1.63	ppb
Uranium	238-1	487.83	481.28	506.50	491.87	2.66	ppb
Vanadium	51-2	496.33	494.33	510.34	500.33	1.74	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	995.19	1005.00	1027.61	1009.27	1.65	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	PB118300BS	Instrumnet Name :	P8
Client Sample ID :	PB118300BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:50:10	DataFile Name :	020LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	500.19	488.93	514.61	501.24	2.57	ppb
Zirconium	91-1	494.30	476.71	505.46	492.15	2.95	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-01	Instrumnet Name :	P8
Client Sample ID :	TAP-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:53:30	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.96	14.60	12.16	12.58	14.74	ppb
Antimony	121-1	0.32	0.36	0.37	0.35	7.97	ppb
Arsenic	75-1	0.68	0.69	0.90	0.75	16.22	ppb
Barium	135-1	67.60	66.72	70.30	68.21	2.74	ppb
Barium	137-1	67.72	68.26	72.70	69.56	3.93	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	16.31	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	65.31	63.01	60.07	62.80	4.18	ppb
Boron	11-1	62.81	62.51	62.50	62.61	0.28	ppb
Cadmium	111-1	-0.06	0.03	-0.01	-0.01		ppb
Cadmium	106-1	-0.96	0.18	-0.28	-0.35		ppb
Cadmium	108-1	0.05	0.09	0.15	0.10	53.41	ppb
Calcium	43-1	46695.60	45614.27	47550.46	46620.11	2.08	ppb
Calcium	44-1	45929.85	44970.51	46466.84	45789.07	1.66	ppb
Chromium	52-2	0.47	0.39	0.50	0.45	13.13	ppb
Cobalt	59-2	0.77	0.81	0.74	0.77	4.76	ppb
Copper	63-2	144.07	144.77	146.00	144.94	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	47.02	50.02	47.83	48.29	3.21	ppb
Iron	57-2	53.21	48.12	43.23	48.19	10.36	ppb
Krypton	83-1						cps
Lead	206-1	1.53	1.59	1.52	1.55	2.44	ppb
Lead	207-1	1.55	1.44	1.45	1.48	4.08	ppb
Lead	208-1	1.52	1.52	1.52	1.52	0.18	ppb
Lithium	6-1				96		%
Magnesium	24-2	9410.77	9558.52	9449.82	9473.04	0.81	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-01	Instrumnet Name :	P8
Client Sample ID :	TAP-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:53:30	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.73	3.58	3.59	3.63	2.25	ppb
Molybdenum	94-1	0.52	0.41	0.42	0.45	12.81	ppb
Molybdenum	95-1	0.58	0.49	0.53	0.53	8.10	ppb
Molybdenum	96-1	0.53	0.54	0.51	0.53	2.60	ppb
Molybdenum	97-1	0.52	0.49	0.48	0.50	4.12	ppb
Molybdenum	98-1	0.55	0.53	0.52	0.53	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.46	1.57	1.64	1.56	5.84	ppb
Phosphorus	31-2	258.39	214.37	191.74	221.50	15.30	ppb
Potassium	39-2	1993.86	2105.48	2036.91	2045.42	2.75	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				93		%
Scandium	45-2				99		%
Selenium	77-2	-1.03	-1.03	-1.03	-1.03		ppb
Selenium	78-2	0.15	-0.35	0.15	-0.01		ppb
Selenium	82-1	0.64	0.35	1.53	0.84	73.00	ppb
Silicon	28-1	1495.44	1386.32	1521.92	1467.89	4.90	ppb
Silver	109-1	0.12	0.14	0.15	0.14	10.60	ppb
Silver	107-1	0.11	0.15	0.15	0.14	16.63	ppb
Sodium	23-2	143829.77	144964.01	144067.73	144287.17	0.41	ppb
Strontium	86-1	129.79	126.02	131.20	129.00	2.07	ppb
Strontium	88-1	133.00	130.31	135.38	132.90	1.91	ppb
Sulfur	34-1	1071.61	-201.27	1018.15	629.50	114.37	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.03	0.04	0.03	16.13	ppb
Thallium	205-1	0.05	0.03	0.04	0.04	21.67	ppb
Tin	118-1	0.11	0.09	0.11	0.10	9.23	ppb
Titanium	47-1	0.22	0.20	0.24	0.22	7.89	ppb
Uranium	238-1	0.13	0.14	0.16	0.14	13.95	ppb
Vanadium	51-2	0.13	0.11	0.13	0.12	8.35	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	263.71	276.69	268.38	269.59	2.44	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-01	Instrumnet Name :	P8
Client Sample ID :	TAP-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:53:30	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.08	0.05	0.06	37.71	ppb
Zirconium	91-1	0.07	0.05	0.03	0.05	44.16	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:56:57	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.92	3.69	0.20	1.94	90.08	ppb
Antimony	121-1	0.18	0.20	0.23	0.20	11.41	ppb
Arsenic	75-1	0.49	0.53	0.51	0.51	3.75	ppb
Barium	135-1	47.60	47.77	46.92	47.43	0.95	ppb
Barium	137-1	47.66	48.18	47.52	47.79	0.73	ppb
Beryllium	9-1	0.00	0.02	0.02	0.01	78.15	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	10.78	12.91	10.20	11.30	12.62	ppb
Boron	11-1	11.18	11.53	11.17	11.30	1.80	ppb
Cadmium	111-1	0.00	0.03	-0.10	-0.02		ppb
Cadmium	106-1	-0.08	0.37	-1.59	-0.43		ppb
Cadmium	108-1	0.04	0.04	-0.01	0.02	120.22	ppb
Calcium	43-1	33092.17	33524.35	33264.19	33293.57	0.65	ppb
Calcium	44-1	32783.99	32533.60	32884.84	32734.14	0.55	ppb
Chromium	52-2	0.29	0.21	0.45	0.32	38.34	ppb
Cobalt	59-2	0.02	-0.01	0.00	0.00	383.48	ppb
Copper	63-2	0.85	0.91	0.88	0.88	3.34	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				105		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	0.61	0.89	1.50	1.00	45.24	ppb
Iron	57-2	2.55	1.87	2.02	2.15	16.63	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.29	0.25	0.30	19.82	ppb
Lead	207-1	0.30	0.26	0.25	0.27	10.33	ppb
Lead	208-1	0.32	0.27	0.26	0.28	11.24	ppb
Lithium	6-1				102		%
Magnesium	24-2	7008.08	7104.51	7193.55	7102.05	1.31	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:56:57	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.29	1.51	1.43	1.41	7.95	ppb
Molybdenum	94-1	0.09	0.06	0.06	0.07	22.92	ppb
Molybdenum	95-1	0.05	0.06	0.05	0.05	13.08	ppb
Molybdenum	96-1	0.05	0.11	0.05	0.07	48.59	ppb
Molybdenum	97-1	0.05	0.06	0.04	0.05	11.55	ppb
Molybdenum	98-1	0.04	0.07	0.07	0.06	25.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.40	8.45	8.73	8.52	2.06	ppb
Phosphorus	31-2	26.15	34.78	73.13	44.69	55.96	ppb
Potassium	39-2	1825.88	1796.83	1817.85	1813.52	0.83	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				99		%
Scandium	45-2				105		%
Selenium	77-2	-1.03	-1.03	-1.03	-1.03		ppb
Selenium	78-2	-1.35	0.53	0.08	-0.25		ppb
Selenium	82-1	0.96	-0.54	0.15	0.19	393.80	ppb
Silicon	28-1	1133.98	1203.44	1178.77	1172.06	3.00	ppb
Silver	109-1	0.10	0.13	0.12	0.12	11.11	ppb
Silver	107-1	0.09	0.11	0.11	0.10	11.87	ppb
Sodium	23-2	131442.07	130641.06	132051.66	131378.27	0.54	ppb
Strontium	86-1	100.74	100.42	99.60	100.25	0.59	ppb
Strontium	88-1	105.27	106.03	104.31	105.20	0.82	ppb
Sulfur	34-1	-6419.39	-5885.42	-5580.65	-5961.82		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.02	0.02	0.02	16.76	ppb
Thallium	205-1	0.01	0.03	0.02	0.02	40.26	ppb
Tin	118-1	0.02	0.03	0.03	0.03	12.36	ppb
Titanium	47-1	0.10	0.14	0.08	0.11	26.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.02	0.01	0.02	83.57	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	27.28	26.89	27.55	27.24	1.21	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:56:57	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.00	0.01	175.77	ppb
Zirconium	91-1	0.02	0.04	0.00	0.02	99.67	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02DUP	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:00:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.83	1.32	2.09	1.75	22.26	ppb
Antimony	121-1	0.24	0.21	0.22	0.22	5.73	ppb
Arsenic	75-1	0.74	0.38	0.51	0.54	33.37	ppb
Barium	135-1	49.04	47.76	48.41	48.40	1.33	ppb
Barium	137-1	49.77	47.14	48.48	48.46	2.71	ppb
Beryllium	9-1	0.01	0.02	0.02	0.01	11.03	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	9.18	9.46	9.60	9.41	2.27	ppb
Boron	11-1	10.05	8.82	8.86	9.24	7.55	ppb
Cadmium	111-1	-0.05	-0.02	-0.04	-0.04		ppb
Cadmium	106-1	-0.76	-0.26	-0.81	-0.61		ppb
Cadmium	108-1	0.14	0.09	0.04	0.09	53.67	ppb
Calcium	43-1	34490.61	32873.05	33655.69	33673.11	2.40	ppb
Calcium	44-1	33647.70	32636.43	33155.64	33146.59	1.53	ppb
Chromium	52-2	0.22	0.50	0.58	0.43	43.48	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.87	0.84	0.84	0.85	2.22	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				103		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	1.04	0.71	0.88	0.87	18.63	ppb
Iron	57-2	3.69	0.87	1.06	1.88	83.95	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.23	0.24	0.24	6.80	ppb
Lead	207-1	0.22	0.27	0.23	0.24	11.61	ppb
Lead	208-1	0.26	0.25	0.24	0.25	4.77	ppb
Lithium	6-1				100		%
Magnesium	24-2	7196.13	7389.51	7189.85	7258.50	1.56	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02DUP	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:00:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.26	1.43	1.12	1.27	11.86	ppb
Molybdenum	94-1	0.04	0.05	0.10	0.06	49.25	ppb
Molybdenum	95-1	0.06	0.02	0.03	0.04	50.10	ppb
Molybdenum	96-1	0.04	0.06	0.06	0.05	27.73	ppb
Molybdenum	97-1	0.03	0.02	0.04	0.03	37.22	ppb
Molybdenum	98-1	0.05	0.03	0.02	0.03	52.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.74	9.01	8.70	8.82	1.91	ppb
Phosphorus	31-2	36.61	10.54	36.91	28.02	54.02	ppb
Potassium	39-2	1817.29	1915.16	1870.94	1867.80	2.62	ppb
Rhodium	103-1				98		%
Rhodium	103-2				104		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	77-2	-1.03	1.99	-1.03	-0.03		ppb
Selenium	78-2	-0.88	0.09	-1.35	-0.71		ppb
Selenium	82-1	0.48	0.69	1.70	0.96	68.16	ppb
Silicon	28-1	1320.90	1132.25	1233.52	1228.89	7.68	ppb
Silver	109-1	0.11	0.08	0.10	0.10	15.01	ppb
Silver	107-1	0.09	0.12	0.10	0.10	15.36	ppb
Sodium	23-2	134692.21	136159.25	134008.51	134953.32	0.81	ppb
Strontium	86-1	103.64	99.77	102.01	101.81	1.90	ppb
Strontium	88-1	108.16	104.99	107.86	107.00	1.64	ppb
Sulfur	34-1	-4444.54	-5848.43	-5090.00	-5127.66		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.03	0.02	53.83	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	8.37	ppb
Tin	118-1	0.04	0.02	0.01	0.03	69.72	ppb
Titanium	47-1	0.28	0.18	0.06	0.17	61.44	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.03	0.04	0.03	42.03	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	28.24	27.47	27.52	27.74	1.55	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02DUP	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:00:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.00	73.67	ppb
Zirconium	91-1	0.01	0.00	0.00	0.01	163.01	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02LX5	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERL	Dilution Factor :	5
Date & Time Acquired ::	2019-03-27 16:03:53	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.93	1.34	-0.31	-0.30		ppb
Antimony	121-1	0.04	0.05	0.06	0.05	18.56	ppb
Arsenic	75-1	0.16	0.13	0.14	0.15	8.16	ppb
Barium	135-1	8.71	9.26	9.33	9.10	3.71	ppb
Barium	137-1	9.05	9.15	9.11	9.11	0.55	ppb
Beryllium	9-1	0.02	0.01	0.01	0.02	42.92	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	3.66	4.32	4.38	4.12	9.76	ppb
Boron	11-1	4.29	4.29	3.76	4.11	7.39	ppb
Cadmium	111-1	-0.03	-0.11	-0.05	-0.06		ppb
Cadmium	106-1	-0.54	-1.62	-0.95	-1.04		ppb
Cadmium	108-1	-0.01	0.03	-0.06	-0.01		ppb
Calcium	43-1	6227.06	6270.10	6372.80	6289.99	1.19	ppb
Calcium	44-1	6248.38	6376.62	6569.01	6398.01	2.52	ppb
Chromium	52-2	-0.02	0.03	0.07	0.03	157.67	ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.31	0.24	0.25	0.27	13.82	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				110		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	0.35	0.16	0.25	0.26	36.57	ppb
Iron	57-2	0.93	-0.63	-0.34	-0.01		ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.12	0.15	0.14	10.31	ppb
Lead	207-1	0.12	0.12	0.13	0.12	7.02	ppb
Lead	208-1	0.13	0.10	0.12	0.12	11.95	ppb
Lithium	6-1				102		%
Magnesium	24-2	1383.60	1367.38	1399.35	1383.45	1.16	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02LX5	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERL	Dilution Factor :	5
Date & Time Acquired ::	2019-03-27 16:03:53	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.17	0.12	0.20	0.16	23.11	ppb
Molybdenum	94-1	0.01	-0.02	0.01	0.00	2519.90	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	75.17	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	53.83	ppb
Molybdenum	97-1	0.02	0.00	-0.01	0.00	507.02	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.00	163.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.58	1.77	1.63	1.66	6.08	ppb
Phosphorus	31-2	8.21	-18.46	-9.58	-6.61		ppb
Potassium	39-2	333.58	337.24	352.76	341.19	2.98	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	1.90	-1.03	-1.03	-0.06		ppb
Selenium	78-2	-0.42	-1.35	-1.35	-1.04		ppb
Selenium	82-1	1.00	0.02	-0.33	0.23	303.37	ppb
Silicon	28-1	191.71	206.25	319.59	239.19	29.27	ppb
Silver	109-1	0.04	0.04	0.07	0.05	23.24	ppb
Silver	107-1	0.05	0.04	0.06	0.05	23.78	ppb
Sodium	23-2	26266.47	26540.15	25833.49	26213.37	1.36	ppb
Strontium	86-1	19.27	19.40	19.95	19.54	1.86	ppb
Strontium	88-1	19.77	19.55	19.77	19.70	0.64	ppb
Sulfur	34-1	-10131.77	-9799.60	-9067.97	-9666.45		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.02	0.01	0.02	13.42	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	15.08	ppb
Tin	118-1	-0.01	0.04	0.00	0.01	254.01	ppb
Titanium	47-1	-0.01	0.08	0.05	0.04	121.62	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	76.27	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	6.26	5.77	6.53	6.19	6.25	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02LX5	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERL	Dilution Factor :	5
Date & Time Acquired ::	2019-03-27 16:03:53	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.02	0.01	78.99	ppb
Zirconium	91-1	-0.02	0.00	0.00	-0.01		ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K2108-01	Instrumnet Name :	P8
Client Sample ID :	3903130609	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:07:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.40	4.43	3.24	3.69	17.46	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	11.45	ppb
Arsenic	75-1	1.12	1.08	0.86	1.02	13.55	ppb
Barium	135-1	99.80	102.47	102.54	101.60	1.53	ppb
Barium	137-1	102.64	105.93	101.95	103.51	2.06	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	60.20	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	26.63	26.92	27.15	26.90	0.97	ppb
Boron	11-1	27.71	28.58	28.05	28.12	1.56	ppb
Cadmium	111-1	-0.08	-0.12	-0.14	-0.11		ppb
Cadmium	106-1	-1.44	-1.94	-2.22	-1.87		ppb
Cadmium	108-1	0.00	0.09	0.14	0.08	93.86	ppb
Calcium	43-1	48206.15	48697.90	48548.58	48484.21	0.52	ppb
Calcium	44-1	47560.99	47963.44	48003.22	47842.55	0.51	ppb
Chromium	52-2	2.54	2.50	2.02	2.35	12.37	ppb
Cobalt	59-2	0.07	0.07	0.05	0.07	14.99	ppb
Copper	63-2	18.44	18.45	19.05	18.65	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	1712.41	1743.50	1738.79	1731.57	0.97	ppb
Iron	57-2	1728.10	1713.49	1716.93	1719.51	0.44	ppb
Krypton	83-1						cps
Lead	206-1	1.33	1.22	1.26	1.27	4.35	ppb
Lead	207-1	1.20	1.28	1.17	1.22	4.52	ppb
Lead	208-1	1.24	1.23	1.23	1.24	0.16	ppb
Lithium	6-1				96		%
Magnesium	24-2	17656.09	18048.12	17676.63	17793.61	1.24	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K2108-01	Instrumnet Name :	P8
Client Sample ID :	3903130609	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:07:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.69	3.91	3.71	3.77	3.19	ppb
Molybdenum	94-1	0.24	0.22	0.20	0.22	8.28	ppb
Molybdenum	95-1	0.29	0.23	0.29	0.27	11.88	ppb
Molybdenum	96-1	0.26	0.23	0.30	0.26	12.69	ppb
Molybdenum	97-1	0.31	0.33	0.27	0.30	10.98	ppb
Molybdenum	98-1	0.24	0.22	0.22	0.23	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	2.17	2.33	2.31	5.40	ppb
Phosphorus	31-2	-27.63	18.60	18.44	3.14	848.94	ppb
Potassium	39-2	1231.04	1314.91	1268.03	1271.32	3.31	ppb
Rhodium	103-1				96		%
Rhodium	103-2				104		%
Scandium	45-1				97		%
Scandium	45-2				104		%
Selenium	77-2	1.97	1.94	1.97	1.96	0.98	ppb
Selenium	78-2	-0.40	-0.41	0.08	-0.24		ppb
Selenium	82-1	1.36	2.12	0.72	1.40	50.05	ppb
Silicon	28-1	4442.30	4370.11	4323.73	4378.71	1.36	ppb
Silver	109-1	0.07	0.06	0.06	0.06	9.53	ppb
Silver	107-1	0.04	0.07	0.06	0.06	25.17	ppb
Sodium	23-2	28538.25	29478.36	29146.23	29054.28	1.64	ppb
Strontium	86-1	90.53	91.64	91.85	91.34	0.78	ppb
Strontium	88-1	92.02	93.24	93.54	92.93	0.87	ppb
Sulfur	34-1	1006.38	206.14	141.34	451.29	106.76	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.02	0.02	10.16	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	15.01	ppb
Tin	118-1	0.08	0.13	0.07	0.10	35.10	ppb
Titanium	47-1	0.40	0.27	0.51	0.39	31.33	ppb
Uranium	238-1	1.78	1.78	1.80	1.79	0.90	ppb
Vanadium	51-2	0.69	0.65	0.73	0.69	5.86	ppb
Yttrium	89-1				98		%
Yttrium	89-2				105		%
Zinc	66-2	43.54	44.11	43.09	43.58	1.17	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K2108-01	Instrumnet Name :	P8
Client Sample ID :	3903130609	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:07:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.02	0.01	43.30	ppb
Zirconium	91-1	0.02	0.00	0.02	0.01	79.27	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02MS	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERMS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:10:48	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1802.12	1831.81	1833.68	1822.54	0.97	ppb
Antimony	121-1	831.85	832.99	827.15	830.66	0.37	ppb
Arsenic	75-1	782.83	791.59	765.86	780.09	1.68	ppb
Barium	135-1	254.39	259.59	259.72	257.90	1.18	ppb
Barium	137-1	260.07	261.19	262.96	261.41	0.56	ppb
Beryllium	9-1	202.33	200.70	201.06	201.36	0.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	316.78	321.48	333.33	323.86	2.63	ppb
Boron	11-1	319.52	316.11	326.49	320.70	1.65	ppb
Cadmium	111-1	205.48	207.61	208.23	207.11	0.70	ppb
Cadmium	106-1	183.08	188.68	182.37	184.71	1.87	ppb
Cadmium	108-1	194.89	197.09	192.49	194.82	1.18	ppb
Calcium	43-1	33855.87	34029.88	33391.43	33759.06	0.98	ppb
Calcium	44-1	32991.36	33376.90	33000.24	33122.83	0.66	ppb
Chromium	52-2	413.78	405.11	403.81	407.57	1.33	ppb
Cobalt	59-2	207.64	202.26	202.01	203.97	1.56	ppb
Copper	63-2	315.57	306.96	305.55	309.36	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				107		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	3188.70	3078.39	3047.96	3105.02	2.39	ppb
Iron	57-2	3042.80	2974.43	3014.56	3010.60	1.14	ppb
Krypton	83-1						cps
Lead	206-1	1025.87	1008.47	1019.40	1017.91	0.86	ppb
Lead	207-1	990.09	976.87	1016.11	994.36	2.01	ppb
Lead	208-1	1008.75	989.61	1009.78	1002.71	1.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	9387.19	9210.15	9160.05	9252.47	1.29	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02MS	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERMS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:10:48	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	212.14	206.42	205.17	207.91	1.79	ppb
Molybdenum	94-1	274.04	273.01	275.66	274.23	0.49	ppb
Molybdenum	95-1	376.80	378.19	379.27	378.09	0.33	ppb
Molybdenum	96-1	365.69	370.70	370.20	368.87	0.75	ppb
Molybdenum	97-1	377.42	378.24	378.45	378.03	0.14	ppb
Molybdenum	98-1	386.01	387.74	384.90	386.22	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.19	510.26	516.05	516.83	1.35	ppb
Phosphorus	31-2	5817.54	5912.64	5960.76	5896.98	1.24	ppb
Potassium	39-2	12271.22	12197.83	12025.76	12164.94	1.04	ppb
Rhodium	103-1				97		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				105		%
Selenium	77-2	2204.32	2048.81	2024.85	2092.66	4.66	ppb
Selenium	78-2	2025.07	2018.51	1992.10	2011.89	0.87	ppb
Selenium	82-1	2012.17	2015.89	2000.38	2009.48	0.40	ppb
Silicon	28-1	1872.68	1820.92	1740.58	1811.39	3.67	ppb
Silver	109-1	76.55	76.81	76.72	76.69	0.17	ppb
Silver	107-1	76.56	77.96	77.47	77.33	0.92	ppb
Sodium	23-2	136895.83	133800.68	133740.34	134812.28	1.34	ppb
Strontium	86-1	274.31	274.00	272.17	273.49	0.42	ppb
Strontium	88-1	282.69	279.47	276.84	279.67	1.05	ppb
Sulfur	34-1	-4279.98	-4830.66	-5516.86	-4875.84		ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	1981.33	1961.92	1972.77	1972.00	0.49	ppb
Thallium	205-1	2035.93	1957.90	2020.09	2004.64	2.06	ppb
Tin	118-1	730.30	758.31	748.93	745.85	1.91	ppb
Titanium	47-1	198.20	200.79	199.79	199.59	0.65	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	647.32	ppb
Vanadium	51-2	308.97	299.52	300.44	302.98	1.72	ppb
Yttrium	89-1				100		%
Yttrium	89-2				105		%
Zinc	66-2	238.04	234.15	236.59	236.26	0.83	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02MS	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERMS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:10:48	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.39	0.31	0.35	0.35	11.86	ppb
Zirconium	91-1	0.51	0.56	0.61	0.56	8.87	ppb

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : K1806-02MSD Instrumnet Name : P8
 Client Sample ID : PURIFIED-WATERMSD Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 16:14:12 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1813.63	1703.60	1805.51	1774.25	3.46	ppb
Antimony	121-1	819.29	822.54	817.83	819.89	0.29	ppb
Arsenic	75-1	776.39	771.70	781.73	776.61	0.65	ppb
Barium	135-1	254.05	257.28	254.89	255.41	0.65	ppb
Barium	137-1	259.45	259.99	257.85	259.10	0.43	ppb
Beryllium	9-1	199.01	196.83	199.46	198.43	0.71	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Boron	10-1	316.90	328.81	338.05	327.92	3.23	ppb
Boron	11-1	317.03	319.85	327.71	321.53	1.72	ppb
Cadmium	111-1	205.89	207.09	207.23	206.74	0.36	ppb
Cadmium	106-1	187.87	186.55	183.25	185.89	1.28	ppb
Cadmium	108-1	193.58	198.42	192.62	194.87	1.59	ppb
Calcium	43-1	33908.88	33735.12	33981.55	33875.19	0.37	ppb
Calcium	44-1	32967.47	33181.38	33058.58	33069.14	0.32	ppb
Chromium	52-2	394.29	382.50	406.44	394.41	3.04	ppb
Cobalt	59-2	198.77	193.00	201.05	197.61	2.10	ppb
Copper	63-2	300.20	293.69	304.38	299.42	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	3001.57	2947.82	3081.73	3010.37	2.24	ppb
Iron	57-2	2904.23	2862.96	2971.93	2913.04	1.89	ppb
Krypton	83-1						cps
Lead	206-1	994.17	1021.56	1017.03	1010.92	1.45	ppb
Lead	207-1	977.49	985.22	998.31	987.01	1.07	ppb
Lead	208-1	984.16	1006.31	1006.16	998.88	1.28	ppb
Lithium	6-1				97		%
Magnesium	24-2	8784.48	8683.30	9151.61	8873.13	2.78	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02MSD	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:14:12	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	202.52	197.64	204.42	201.53	1.73	ppb
Molybdenum	94-1	263.36	271.58	267.86	267.60	1.54	ppb
Molybdenum	95-1	368.47	377.55	367.47	371.16	1.50	ppb
Molybdenum	96-1	361.00	365.27	358.68	361.65	0.92	ppb
Molybdenum	97-1	372.33	374.51	370.33	372.39	0.56	ppb
Molybdenum	98-1	379.19	383.07	378.82	380.36	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.36	492.73	514.09	504.73	2.16	ppb
Phosphorus	31-2	6158.35	6189.92	5640.22	5996.16	5.15	ppb
Potassium	39-2	12004.26	11541.73	12068.50	11871.50	2.42	ppb
Rhodium	103-1				94		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				103		%
Selenium	77-2	2052.53	2103.46	1958.76	2038.25	3.60	ppb
Selenium	78-2	1924.29	1956.05	2075.63	1985.32	4.02	ppb
Selenium	82-1	1960.00	1974.28	1969.75	1968.01	0.37	ppb
Silicon	28-1	1896.25	1878.59	1879.37	1884.73	0.53	ppb
Silver	109-1	75.68	76.60	76.83	76.37	0.79	ppb
Silver	107-1	76.07	77.20	76.83	76.70	0.75	ppb
Sodium	23-2	130167.09	128067.17	133765.31	130666.52	2.21	ppb
Strontium	86-1	268.68	272.64	269.14	270.15	0.80	ppb
Strontium	88-1	276.42	278.76	276.95	277.38	0.44	ppb
Sulfur	34-1	-4155.69	-4572.36	-4752.60	-4493.55		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	1933.76	1988.42	1987.39	1969.86	1.59	ppb
Thallium	205-1	1934.12	2018.77	2004.80	1985.89	2.29	ppb
Tin	118-1	741.61	736.22	739.19	739.01	0.37	ppb
Titanium	47-1	194.58	196.17	197.57	196.10	0.76	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	180.04	ppb
Vanadium	51-2	295.48	288.43	303.06	295.66	2.47	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	230.46	220.31	231.19	227.32	2.68	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02MSD	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:14:12	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.23	0.22	0.24	8.22	ppb
Zirconium	91-1	0.54	0.46	0.48	0.49	8.20	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:17:36	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49873.67	50741.71	51016.17	50543.85	1.18	ppb
Antimony	121-1	519.48	511.12	527.64	519.42	1.59	ppb
Arsenic	75-1	480.88	485.43	495.67	487.33	1.55	ppb
Barium	135-1	2596.32	2546.98	2615.98	2586.43	1.37	ppb
Barium	137-1	2592.50	2543.37	2600.48	2578.78	1.20	ppb
Beryllium	9-1	504.24	507.69	519.98	510.63	1.62	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	517.54	517.84	537.20	524.19	2.15	ppb
Boron	11-1	514.01	520.20	537.78	524.00	2.35	ppb
Cadmium	111-1	505.05	505.03	517.65	509.24	1.43	ppb
Cadmium	106-1	506.72	505.69	530.35	514.25	2.71	ppb
Cadmium	108-1	500.78	518.07	514.74	511.20	1.80	ppb
Calcium	43-1	242858.50	243009.11	250652.49	245506.70	1.82	ppb
Calcium	44-1	240957.62	237401.12	246059.88	241472.87	1.80	ppb
Chromium	52-2	497.29	505.76	506.13	503.06	0.99	ppb
Cobalt	59-2	487.82	501.05	497.48	495.45	1.38	ppb
Copper	63-2	944.72	954.68	960.30	953.23	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	121212.46	124934.81	124481.16	123542.81	1.64	ppb
Iron	57-2	123754.14	127287.58	125473.97	125505.23	1.41	ppb
Krypton	83-1						cps
Lead	206-1	499.28	494.95	503.97	499.40	0.90	ppb
Lead	207-1	490.10	485.65	497.85	491.20	1.26	ppb
Lead	208-1	503.82	495.89	508.23	502.65	1.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	244873.07	250019.81	249781.87	248224.92	1.17	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:17:36	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.57	1008.45	1008.14	1003.72	0.79	ppb
Molybdenum	94-1	2519.28	2466.67	2583.78	2523.24	2.32	ppb
Molybdenum	95-1	2489.89	2460.30	2539.98	2496.72	1.61	ppb
Molybdenum	96-1	2479.52	2477.86	2549.04	2502.14	1.62	ppb
Molybdenum	97-1	2474.50	2471.29	2589.97	2511.92	2.69	ppb
Molybdenum	98-1	2486.47	2454.53	2538.34	2493.11	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.63	489.92	497.42	490.33	1.41	ppb
Phosphorus	31-2	9528.95	9777.03	9570.68	9625.55	1.38	ppb
Potassium	39-2	126434.59	128776.80	128494.62	127902.00	1.00	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	558.10	534.27	553.95	548.77	2.32	ppb
Selenium	78-2	489.58	497.61	483.34	490.18	1.46	ppb
Selenium	82-1	488.91	489.98	507.19	495.36	2.07	ppb
Silicon	28-1	465.58	428.84	573.82	489.42	15.40	ppb
Silver	109-1	510.17	516.42	518.92	515.17	0.87	ppb
Silver	107-1	519.99	514.90	521.02	518.63	0.63	ppb
Sodium	23-2	250472.24	255806.75	256020.05	254099.68	1.24	ppb
Strontium	86-1	494.05	486.97	510.12	497.05	2.39	ppb
Strontium	88-1	502.25	491.40	517.52	503.72	2.61	ppb
Sulfur	34-1	6675.89	6395.53	7789.09	6953.50	10.60	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	513.23	503.56	515.18	510.66	1.22	ppb
Thallium	205-1	519.52	502.59	509.78	510.63	1.66	ppb
Tin	118-1	516.77	513.94	528.14	519.62	1.45	ppb
Titanium	47-1	2509.64	2490.69	2593.66	2531.33	2.16	ppb
Uranium	238-1	506.53	498.77	519.23	508.18	2.03	ppb
Vanadium	51-2	494.69	505.51	509.02	503.07	1.48	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	968.09	989.35	999.90	985.78	1.64	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:17:36	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	501.04	500.66	522.01	507.90	2.41	ppb
Zirconium	91-1	490.59	490.25	508.26	496.37	2.08	ppb

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : CCB49 Instrumnet Name : P8
 Client Sample ID : CCB49 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 16:27:34 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.13	-0.15	2.38	0.37	491.53	ppb
Antimony	121-1	0.09	0.14	0.17	0.13	29.29	ppb
Arsenic	75-1	0.05	0.08	0.05	0.06	30.45	ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.04	0.02	0.01	0.02	83.11	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	36.76	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	5.69	5.92	6.10	5.90	3.46	ppb
Boron	11-1	5.30	4.88	5.12	5.10	4.12	ppb
Cadmium	111-1	0.09	0.00	-0.09	0.00		ppb
Cadmium	106-1	1.23	-0.03	-1.34	-0.05		ppb
Cadmium	108-1	0.04	0.08	-0.10	0.01	1189.23	ppb
Calcium	43-1	-13.46	-16.71	-20.51	-16.90		ppb
Calcium	44-1	29.05	26.06	21.26	25.46	15.45	ppb
Chromium	52-2	0.01	-0.11	-0.08	-0.06		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.08	0.06	0.08	0.07	17.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	0.41	-0.10	0.54	0.28	119.55	ppb
Iron	57-2	1.85	0.15	-1.24	0.26	605.46	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.27	0.29	0.29	6.06	ppb
Lead	207-1	0.30	0.30	0.23	0.28	14.91	ppb
Lead	208-1	0.31	0.26	0.26	0.28	9.44	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.56	-2.21	-1.45	-1.41		ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P8
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:27:34	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.14	-0.10	-0.07		ppb
Molybdenum	94-1	0.11	0.04	0.06	0.07	51.01	ppb
Molybdenum	95-1	0.01	0.04	0.06	0.03	68.34	ppb
Molybdenum	96-1	0.07	0.05	0.06	0.06	15.47	ppb
Molybdenum	97-1	0.05	0.04	0.02	0.04	30.35	ppb
Molybdenum	98-1	0.03	0.05	0.05	0.05	27.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.03	0.01	0.00		ppb
Phosphorus	31-2	12.82	-17.98	-8.88	-4.68		ppb
Potassium	39-2	50.33	9.01	14.32	24.55	91.58	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	-1.03	-1.03	-1.03	-1.03		ppb
Selenium	78-2	-1.35	-1.35	-0.40	-1.03		ppb
Selenium	82-1	0.92	0.00	0.13	0.35	140.87	ppb
Silicon	28-1	324.52	236.09	212.53	257.71	22.91	ppb
Silver	109-1	0.05	0.03	0.04	0.04	19.03	ppb
Silver	107-1	0.05	0.03	0.06	0.05	28.79	ppb
Sodium	23-2	120.49	106.88	106.32	111.23	7.21	ppb
Strontium	86-1	0.01	0.04	0.01	0.02	74.36	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	198.33	ppb
Sulfur	34-1	-3637.15	-5208.66	-6304.03	-5049.95		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.08	0.04	0.06	36.34	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	11.84	ppb
Tin	118-1	0.03	0.04	0.06	0.04	39.99	ppb
Titanium	47-1	0.04	0.02	0.08	0.05	66.44	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	160.74	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	0.11	0.19	0.08	0.12	44.98	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P8
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:27:34	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.02	32.15	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	50.07	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02A	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERA	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:31:03	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1772.73	1695.16	2332.79	1933.56	17.99	ppb
Antimony	121-1	815.33	822.76	820.74	819.61	0.47	ppb
Arsenic	75-1	779.56	777.75	799.59	785.63	1.54	ppb
Barium	135-1	252.54	254.90	253.51	253.65	0.47	ppb
Barium	137-1	256.95	257.65	255.08	256.56	0.52	ppb
Beryllium	9-1	202.44	202.41	202.75	202.53	0.09	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	308.79	316.79	328.52	318.03	3.12	ppb
Boron	11-1	308.96	317.95	323.41	316.77	2.30	ppb
Cadmium	111-1	203.71	202.21	202.75	202.89	0.37	ppb
Cadmium	106-1	177.47	180.17	179.51	179.05	0.79	ppb
Cadmium	108-1	187.34	192.42	192.90	190.88	1.61	ppb
Calcium	43-1	33119.96	33134.30	33577.91	33277.39	0.78	ppb
Calcium	44-1	32446.88	32260.00	32858.54	32521.81	0.94	ppb
Chromium	52-2	383.86	378.32	501.01	421.07	16.46	ppb
Cobalt	59-2	193.76	190.61	250.40	211.59	15.90	ppb
Copper	63-2	295.00	288.19	379.67	320.96	15.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	2999.17	2898.89	3846.21	3248.09	16.02	ppb
Iron	57-2	2823.42	2777.89	3637.04	3079.45	15.70	ppb
Krypton	83-1						cps
Lead	206-1	991.38	997.44	986.68	991.83	0.54	ppb
Lead	207-1	965.20	991.82	961.68	972.90	1.69	ppb
Lead	208-1	979.58	1000.17	981.11	986.95	1.16	ppb
Lithium	6-1				99		%
Magnesium	24-2	8874.41	8382.22	11193.57	9483.40	15.83	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02A	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERA	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:31:03	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	197.22	192.31	255.02	214.85	16.23	ppb
Molybdenum	94-1	268.80	272.14	271.92	270.95	0.69	ppb
Molybdenum	95-1	378.13	376.04	375.65	376.60	0.35	ppb
Molybdenum	96-1	368.25	369.13	363.32	366.90	0.85	ppb
Molybdenum	97-1	375.70	380.93	372.75	376.46	1.10	ppb
Molybdenum	98-1	382.88	388.24	379.47	383.53	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.92	484.79	632.50	535.74	15.65	ppb
Phosphorus	31-2	5976.94	5900.23	6844.45	6240.54	8.40	ppb
Potassium	39-2	11536.65	11132.36	14845.61	12504.87	16.29	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	1856.22	1876.17	2482.57	2071.66	17.18	ppb
Selenium	78-2	1953.94	1790.54	2391.99	2045.49	15.20	ppb
Selenium	82-1	1962.07	1998.19	1964.90	1975.05	1.02	ppb
Silicon	28-1	1951.47	1818.90	1883.85	1884.74	3.52	ppb
Silver	109-1	75.69	75.30	75.50	75.50	0.26	ppb
Silver	107-1	75.45	75.80	75.48	75.58	0.25	ppb
Sodium	23-2	127949.43	123852.65	164191.41	138664.49	16.01	ppb
Strontium	86-1	267.64	270.57	266.29	268.17	0.82	ppb
Strontium	88-1	274.65	274.69	273.86	274.40	0.17	ppb
Sulfur	34-1	-2316.08	-3992.51	-4182.75	-3497.11		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	1923.60	1953.34	1939.03	1938.66	0.77	ppb
Thallium	205-1	1932.61	1981.63	1967.71	1960.65	1.29	ppb
Tin	118-1	734.23	738.94	730.49	734.55	0.58	ppb
Titanium	47-1	199.04	195.18	200.62	198.28	1.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	243.81	ppb
Vanadium	51-2	289.99	284.51	373.84	316.11	15.84	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	226.84	216.68	291.01	244.84	16.46	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02A	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERA	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:31:03	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.42	0.36	0.35	0.37	9.77	ppb
Zirconium	91-1	0.62	0.54	0.63	0.60	8.24	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:37:55	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50275.11	51925.72	52069.18	51423.34	1.94	ppb
Antimony	121-1	512.28	524.18	515.05	517.17	1.20	ppb
Arsenic	75-1	486.97	499.69	487.51	491.39	1.46	ppb
Barium	135-1	2531.99	2613.89	2583.66	2576.51	1.61	ppb
Barium	137-1	2534.18	2608.44	2556.77	2566.47	1.48	ppb
Beryllium	9-1	520.05	535.31	517.84	524.40	1.81	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	512.59	530.87	525.01	522.82	1.79	ppb
Boron	11-1	513.52	535.52	528.73	525.92	2.14	ppb
Cadmium	111-1	500.24	508.42	502.31	503.66	0.84	ppb
Cadmium	106-1	514.54	507.92	495.03	505.83	1.96	ppb
Cadmium	108-1	502.70	515.51	517.34	511.85	1.56	ppb
Calcium	43-1	245085.47	249896.76	242331.52	245771.25	1.56	ppb
Calcium	44-1	240736.31	246169.70	240493.54	242466.52	1.32	ppb
Chromium	52-2	495.43	513.57	512.06	507.02	1.98	ppb
Cobalt	59-2	490.43	505.14	512.13	502.57	2.20	ppb
Copper	63-2	954.97	980.16	981.41	972.18	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				112		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	123137.96	125687.47	127181.19	125335.54	1.63	ppb
Iron	57-2	123959.77	127460.57	128903.89	126774.74	2.01	ppb
Krypton	83-1						cps
Lead	206-1	495.25	507.68	500.71	501.21	1.24	ppb
Lead	207-1	493.78	504.29	491.86	496.65	1.35	ppb
Lead	208-1	507.46	518.83	506.53	510.94	1.34	ppb
Lithium	6-1				101		%
Magnesium	24-2	251430.51	256429.45	256807.61	254889.19	1.18	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:37:55	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	995.76	1019.77	1025.01	1013.51	1.54	ppb
Molybdenum	94-1	2553.47	2554.45	2556.28	2554.73	0.06	ppb
Molybdenum	95-1	2520.36	2538.58	2529.34	2529.42	0.36	ppb
Molybdenum	96-1	2533.57	2562.02	2563.27	2552.95	0.66	ppb
Molybdenum	97-1	2530.39	2580.06	2584.49	2564.98	1.17	ppb
Molybdenum	98-1	2501.59	2554.55	2563.06	2539.73	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.42	507.01	507.25	501.90	1.81	ppb
Phosphorus	31-2	9724.00	10272.67	10021.92	10006.20	2.74	ppb
Potassium	39-2	126922.83	129063.98	128943.90	128310.24	0.94	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	576.15	507.63	569.84	551.20	6.87	ppb
Selenium	78-2	493.09	490.41	516.39	499.96	2.86	ppb
Selenium	82-1	496.16	500.52	503.07	499.92	0.70	ppb
Silicon	28-1	579.80	585.55	523.88	563.07	6.05	ppb
Silver	109-1	510.43	517.77	511.41	513.20	0.78	ppb
Silver	107-1	508.54	523.08	511.60	514.41	1.49	ppb
Sodium	23-2	254840.71	258086.56	259945.47	257624.25	1.00	ppb
Strontium	86-1	495.39	504.19	504.03	501.20	1.00	ppb
Strontium	88-1	509.54	514.53	509.70	511.25	0.55	ppb
Sulfur	34-1	7948.78	7805.19	6262.02	7338.67	12.74	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	510.52	516.76	504.59	510.62	1.19	ppb
Thallium	205-1	514.54	524.20	512.60	517.11	1.20	ppb
Tin	118-1	507.20	525.38	507.43	513.34	2.03	ppb
Titanium	47-1	2521.93	2624.39	2567.47	2571.26	2.00	ppb
Uranium	238-1	514.13	528.32	510.37	517.61	1.83	ppb
Vanadium	51-2	493.98	514.05	518.57	508.87	2.57	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	978.23	1016.34	1021.45	1005.34	2.35	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:37:55	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	512.94	516.44	512.05	513.81	0.45	ppb
Zirconium	91-1	495.59	501.28	504.35	500.41	0.89	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:50:53	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	-0.66	-0.92	-0.40		ppb
Antimony	121-1	0.09	0.16	0.12	0.12	29.33	ppb
Arsenic	75-1	0.07	0.03	0.06	0.05	45.95	ppb
Barium	135-1	0.04	0.01	-0.02	0.01	272.36	ppb
Barium	137-1	0.01	0.03	0.01	0.02	66.80	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	27.27	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	3.02	2.61	3.49	3.04	14.40	ppb
Boron	11-1	3.33	3.06	3.66	3.35	8.89	ppb
Cadmium	111-1	-0.16	0.01	-0.04	-0.06		ppb
Cadmium	106-1	-2.28	0.01	-0.70	-0.99		ppb
Cadmium	108-1	-0.01	-0.05	-0.05	-0.04		ppb
Calcium	43-1	-6.15	-17.74	-13.40	-12.43		ppb
Calcium	44-1	20.85	22.23	28.87	23.98	17.87	ppb
Chromium	52-2	-0.12	-0.18	-0.08	-0.12		ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	2584.89	ppb
Copper	63-2	0.06	0.04	0.07	0.06	31.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	0.11	0.27	-0.01	0.12	114.91	ppb
Iron	57-2	-1.16	0.78	-1.59	-0.66		ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.21	0.17	0.19	9.45	ppb
Lead	207-1	0.18	0.19	0.17	0.18	3.93	ppb
Lead	208-1	0.18	0.19	0.17	0.18	4.40	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.72	1.54	-1.09	0.39	345.75	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:50:53	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.11	-0.08	-0.03	-0.07		ppb
Molybdenum	94-1	0.02	0.05	0.07	0.05	47.58	ppb
Molybdenum	95-1	0.06	0.05	0.04	0.05	25.57	ppb
Molybdenum	96-1	0.06	0.07	0.04	0.06	30.51	ppb
Molybdenum	97-1	0.01	0.00	0.03	0.02	108.97	ppb
Molybdenum	98-1	0.03	0.06	0.06	0.05	32.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-27.26	-18.15	-27.52	-24.31		ppb
Potassium	39-2	12.08	7.32	-5.54	4.62	197.36	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	77-2	-1.03	-1.03	1.99	-0.03		ppb
Selenium	78-2	0.11	-0.39	-1.35	-0.54		ppb
Selenium	82-1	0.95	0.18	-0.18	0.32	182.04	ppb
Silicon	28-1	282.46	268.34	456.82	335.87	31.25	ppb
Silver	109-1	0.04	0.03	0.03	0.03	24.69	ppb
Silver	107-1	0.02	0.03	0.05	0.03	45.13	ppb
Sodium	23-2	90.30	87.96	85.17	87.81	2.92	ppb
Strontium	86-1	-0.02	-0.01	0.10	0.02	298.36	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	84.91	ppb
Sulfur	34-1	-5454.85	-5960.73	-4007.21	-5140.93		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.04	0.03	0.04	33.15	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	16.62	ppb
Tin	118-1	0.05	0.05	0.05	0.05	8.28	ppb
Titanium	47-1	-0.02	0.02	0.02	0.00	625.68	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	-0.01	0.00	489.71	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	0.09	-0.08	0.02	0.01	1234.91	ppb

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:50:53	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.01	0.01	91.89	ppb
Zirconium	91-1	0.02	0.04	0.03	0.03	31.59	ppb

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 14:44:15 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	48	45	51	15.82	cps
Antimony	121-1	92	33	83	69	45.44	cps
Arsenic	75-1	660	621	668	650	3.84	cps
Barium	135-1	50	42	8	33	66.15	cps
Barium	137-1	8	17	17	14	34.67	cps
Beryllium	9-1	40	53	33	42	24.12	cps
Bismuth	209-1	3118355	3351900	3317666	3262641	3.87	cps
Bismuth	209-2	1481714	1522904	1416430	1473683	3.64	cps
Boron	10-1	83	158	75	106	43.48	cps
Boron	11-1	550	683	600	611	11.02	cps
Cadmium	111-1	986	1011	819	939	11.09	cps
Cadmium	106-1	1425	1442	1175	1347	11.09	cps
Cadmium	108-1	17	4	17	13	57.72	cps
Calcium	43-1	783	777	850	803	5.05	cps
Calcium	44-1	34810	34977	35244	35010	0.63	cps
Chromium	52-2	1413	1400	1213	1342	8.33	cps
Cobalt	59-2	113	120	87	107	16.53	cps
Copper	63-2	310	267	280	286	7.77	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	42	42	67	50	28.87	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	5029018	5451156	5203967	5228047	4.06	cps
Holmium	165-2	1941977	1971646	1844571	1919398	3.46	cps
Indium	115-1	4391172	4777012	4629493	4599225	4.23	cps
Indium	115-2	389580	402555	372731	388289	3.85	cps
Iron	56-2	2228	2361	1972	2187	9.04	cps
Iron	57-2	78	67	78	74	8.66	cps
Krypton	83-1	633	587	557	592	6.52	cps
Lead	206-1	333	244	194	257	27.33	cps
Lead	207-1	272	272	228	257	9.97	cps
Lead	208-1	1228	1183	1011	1141	10.03	cps
Lithium	6-1	1556367	1642582	1625017	1607989	2.83	cps
Magnesium	24-2	367	383	533	428	21.46	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:44:15	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	67	53	58	13.33	cps
Molybdenum	94-1	200	92	108	133	43.75	cps
Molybdenum	95-1	75	92	50	72	29.04	cps
Molybdenum	96-1	100	50	50	67	43.30	cps
Molybdenum	97-1	58	50	67	58	14.29	cps
Molybdenum	98-1	67	108	83	86	24.35	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	37	70	70	59	32.68	cps
Phosphorus	31-2	33	8	17	19	65.48	cps
Potassium	39-2	7269	7052	7052	7124	1.76	cps
Rhodium	103-1	4382519	4728478	4674941	4595313	4.05	cps
Rhodium	103-2	1668906	1714226	1589920	1657684	3.79	cps
Scandium	45-1	3391790	3715885	3619981	3575885	4.66	cps
Scandium	45-2	46641	48035	45112	46596	3.14	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	9	5	78.12	cps
Selenium	82-1	-75	-13	30	-19	-272.63	cps
Silicon	28-1	15823359	15876573	15858435	15852789	0.17	cps
Silver	109-1	167	133	133	144	13.33	cps
Silver	107-1	233	200	192	208	10.58	cps
Sodium	23-2	7010	6485	6719	6738	3.91	cps
Strontium	86-1	817	850	842	836	2.08	cps
Strontium	88-1	58	67	75	67	12.49	cps
Sulfur	34-1	639792	638225	644626	640881	0.52	cps
Terbium	159-1	5261071	5764536	5632927	5552844	4.70	cps
Terbium	159-2	2021330	2045514	1888745	1985196	4.25	cps
Thallium	203-1	25	58	33	39	44.62	cps
Thallium	205-1	58	50	42	50	16.67	cps
Tin	118-1	317	317	267	300	9.62	cps
Titanium	47-1	167	133	108	136	21.50	cps
Uranium	238-1	75	75	58	69	13.85	cps
Vanadium	51-2	3	13	0	6	124.93	cps
Yttrium	89-1	4852880	5335825	5234438	5141048	4.95	cps
Yttrium	89-2	293790	301881	279086	291586	3.96	cps
Zinc	66-2	47	40	60	49	20.83	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:44:15	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	308	308	375	331	11.64	cps
Zirconium	91-1	92	58	42	64	39.85	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:51:57	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	230	205	210	215	6.15	cps
Antimony	121-1	8695	9087	9304	9028	3.42	cps
Arsenic	75-1	2130	2067	2537	2245	11.37	cps
Barium	135-1	9479	9095	9404	9326	2.18	cps
Barium	137-1	16861	16219	16319	16466	2.10	cps
Beryllium	9-1	1553	1650	1737	1647	5.57	cps
Bismuth	209-1	3079496	3144215	3085846	3103186	1.15	cps
Bismuth	209-2	1423452	1464437	1475546	1454478	1.89	cps
Boron	10-1	4443	4268	4076	4262	4.30	cps
Boron	11-1	20783	21208	21876	21289	2.59	cps
Cadmium	111-1	1881	2027	2148	2019	6.62	cps
Cadmium	106-1	1200	1517	1525	1414	13.10	cps
Cadmium	108-1	108	79	100	96	15.68	cps
Calcium	43-1	7122	7442	7265	7276	2.20	cps
Calcium	44-1	144904	145581	146463	145650	0.54	cps
Chromium	52-2	2814	2844	2817	2825	0.58	cps
Cobalt	59-2	1547	1643	1503	1565	4.58	cps
Copper	63-2	2774	2780	2920	2825	2.93	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	50	8	67	42	72.12	cps
Erbium	164-2	0	17	0	6	173.21	cps
Gadolinium	160-1	75	83	42	67	33.07	cps
Gadolinium	160-2	20	0	17	12	87.67	cps
Holmium	165-1	4924577	4992179	4964813	4960523	0.69	cps
Holmium	165-2	1875404	1914046	1916447	1901966	1.21	cps
Indium	115-1	4277590	4373731	4303573	4318298	1.15	cps
Indium	115-2	374282	382449	377158	377963	1.10	cps
Iron	56-2	32867	33380	33875	33374	1.51	cps
Iron	57-2	856	828	800	828	3.36	cps
Krypton	83-1	573	497	530	533	7.21	cps
Lead	206-1	2973	2867	2912	2917	1.82	cps
Lead	207-1	2328	2411	2267	2335	3.11	cps
Lead	208-1	10863	10830	11069	10921	1.19	cps
Lithium	6-1	1532039	1587116	1575424	1564860	1.85	cps
Magnesium	24-2	19039	18730	19022	18930	0.92	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:51:57	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	373	283	357	338	14.18	cps
Molybdenum	94-1	8586	8628	8778	8664	1.16	cps
Molybdenum	95-1	10530	10630	10496	10552	0.66	cps
Molybdenum	96-1	12131	11539	11397	11689	3.33	cps
Molybdenum	97-1	6735	6810	6760	6769	0.56	cps
Molybdenum	98-1	17487	17479	17328	17431	0.51	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	520	493	493	502	3.07	cps
Phosphorus	31-2	33	50	50	44	21.66	cps
Potassium	39-2	18079	17879	18688	18215	2.31	cps
Rhodium	103-1	4349465	4350342	4353204	4351004	0.04	cps
Rhodium	103-2	1623364	1682769	1638599	1648244	1.87	cps
Scandium	45-1	3285897	3366055	3342448	3331467	1.24	cps
Scandium	45-2	45497	46561	46279	46112	1.20	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	15	17	22	18	21.54	cps
Selenium	82-1	401	513	481	465	12.46	cps
Silicon	28-1	16015545	15913400	16025429	15984791	0.39	cps
Silver	109-1	5301	5210	5060	5190	2.35	cps
Silver	107-1	5635	4968	5551	5385	6.75	cps
Sodium	23-2	46644	46544	47021	46736	0.54	cps
Strontium	86-1	1925	2059	2092	2025	4.36	cps
Strontium	88-1	11072	11355	11480	11302	1.85	cps
Sulfur	34-1	647683	643479	647767	646309	0.38	cps
Terbium	159-1	5171952	5334654	5230213	5245606	1.57	cps
Terbium	159-2	1903124	1963558	1933702	1933461	1.56	cps
Thallium	203-1	3192	3126	3076	3131	1.87	cps
Thallium	205-1	6819	7002	7011	6944	1.56	cps
Tin	118-1	15376	16010	15752	15713	2.03	cps
Titanium	47-1	3459	3784	3576	3606	4.57	cps
Uranium	238-1	9154	9195	8887	9079	1.84	cps
Vanadium	51-2	2937	2914	2997	2949	1.46	cps
Yttrium	89-1	4807246	4917213	4924378	4882946	1.34	cps
Yttrium	89-2	282275	286181	286342	284933	0.81	cps
Zinc	66-2	383	347	393	374	6.56	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:51:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7169	6969	6702	6947	3.37	cps
Zirconium	91-1	1600	1350	1500	1483	8.48	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:55:48	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10196	9976	10514	10229	2.64	cps
Antimony	121-1	249685	254802	253205	252564	1.04	cps
Arsenic	75-1	85708	88509	87422	87213	1.62	cps
Barium	135-1	251986	256403	255931	254773	0.95	cps
Barium	137-1	441294	438735	441840	440623	0.38	cps
Beryllium	9-1	85609	86773	86894	86425	0.82	cps
Bismuth	209-1	3080100	3038262	3040398	3052920	0.77	cps
Bismuth	209-2	1515907	1531981	1417431	1488440	4.17	cps
Boron	10-1	9462	9837	9595	9631	1.97	cps
Boron	11-1	44804	45523	45933	45420	1.26	cps
Cadmium	111-1	62970	62231	62820	62674	0.62	cps
Cadmium	106-1	7194	7352	7511	7352	2.15	cps
Cadmium	108-1	4422	4351	4618	4463	3.10	cps
Calcium	43-1	73471	72908	75022	73800	1.48	cps
Calcium	44-1	1226647	1233643	1250631	1236974	1.00	cps
Chromium	52-2	44517	44003	44628	44383	0.75	cps
Cobalt	59-2	81345	81228	80330	80968	0.69	cps
Copper	63-2	139755	136472	138111	138113	1.19	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	4971353	5003798	4864434	4946528	1.47	cps
Holmium	165-2	1992303	1992965	1803163	1929477	5.67	cps
Indium	115-1	4321663	4221683	4170278	4237875	1.82	cps
Indium	115-2	394264	395680	366398	385447	4.28	cps
Iron	56-2	1667237	1639218	1666957	1657804	0.97	cps
Iron	57-2	41562	40554	40454	40857	1.50	cps
Krypton	83-1	587	510	550	549	6.99	cps
Lead	206-1	133974	135601	134428	134667	0.62	cps
Lead	207-1	120792	122879	122818	122163	0.97	cps
Lead	208-1	544639	548460	550944	548014	0.58	cps
Lithium	6-1	1582795	1557238	1541497	1560510	1.34	cps
Magnesium	24-2	203079	198432	203674	201728	1.42	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:55:48	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29321	29455	29241	29339	0.37	cps
Molybdenum	94-1	473981	481363	482793	479379	0.99	cps
Molybdenum	95-1	590795	598078	599504	596126	0.78	cps
Molybdenum	96-1	649445	657329	659324	655366	0.80	cps
Molybdenum	97-1	369267	371558	374235	371687	0.67	cps
Molybdenum	98-1	956692	951281	952694	953556	0.29	cps
Neodymium	150-1	0	20	40	20	100.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	24735	25153	24351	24747	1.62	cps
Phosphorus	31-2	783	942	1117	947	17.60	cps
Potassium	39-2	67563	65445	65863	66290	1.69	cps
Rhodium	103-1	4364685	4248841	4245768	4286431	1.58	cps
Rhodium	103-2	1702034	1689738	1546743	1646172	5.24	cps
Scandium	45-1	3345084	3294647	3304071	3314600	0.81	cps
Scandium	45-2	47443	47721	44949	46704	3.27	cps
Selenium	77-2	33	73	50	52	38.48	cps
Selenium	78-2	206	185	185	192	6.13	cps
Selenium	82-1	4210	4413	4477	4367	3.19	cps
Silicon	28-1	16101941	16154026	16138542	16131503	0.17	cps
Silver	109-1	270591	268455	269178	269408	0.40	cps
Silver	107-1	281189	284177	290193	285186	1.61	cps
Sodium	23-2	450246	449202	454453	451301	0.62	cps
Strontium	86-1	80580	80337	81979	80965	1.09	cps
Strontium	88-1	705830	703508	713684	707674	0.75	cps
Sulfur	34-1	664881	666817	668205	666634	0.25	cps
Terbium	159-1	5241156	5180433	5139790	5187126	0.98	cps
Terbium	159-2	2070093	2062933	1870930	2001319	5.65	cps
Thallium	203-1	164562	167815	168292	166890	1.22	cps
Thallium	205-1	402385	406393	409520	406099	0.88	cps
Tin	118-1	164022	166728	165208	165319	0.82	cps
Titanium	47-1	183716	182989	188138	184947	1.51	cps
Uranium	238-1	512418	527033	524534	521329	1.50	cps
Vanadium	51-2	30737	30587	31803	31042	2.14	cps
Yttrium	89-1	4959557	4776526	4751196	4829093	2.35	cps
Yttrium	89-2	301137	296828	277592	291852	4.30	cps
Zinc	66-2	16924	15903	16300	16375	3.14	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:55:48	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	382529	382822	383340	382897	0.11	cps
Zirconium	91-1	84588	84101	86315	85002	1.37	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:59:38	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25266	24680	24943	24963	1.18	cps
Antimony	121-1	646835	648686	654569	650030	0.62	cps
Arsenic	75-1	219779	220323	220851	220318	0.24	cps
Barium	135-1	649862	656259	653088	653070	0.49	cps
Barium	137-1	1148066	1131605	1153084	1144252	0.98	cps
Beryllium	9-1	215469	216732	215777	215993	0.30	cps
Bismuth	209-1	3136077	3144575	3178913	3153188	0.72	cps
Bismuth	209-2	1401140	1451110	1526451	1459567	4.32	cps
Boron	10-1	23320	22694	23086	23033	1.37	cps
Boron	11-1	111213	113521	116436	113723	2.30	cps
Cadmium	111-1	156691	156171	158644	157169	0.83	cps
Cadmium	106-1	17746	16753	17445	17315	2.94	cps
Cadmium	108-1	11142	11038	11526	11235	2.29	cps
Calcium	43-1	184444	184805	184739	184663	0.10	cps
Calcium	44-1	3028023	3071947	3048962	3049644	0.72	cps
Chromium	52-2	107751	107532	106649	107310	0.54	cps
Cobalt	59-2	200649	198346	201556	200184	0.83	cps
Copper	63-2	345534	334333	339544	339804	1.65	cps
Dysprosium	156-1	33	42	33	36	13.33	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	17	42	36	48.03	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	42	58	50	50	16.67	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	5091363	5028929	5025742	5048678	0.73	cps
Holmium	165-2	1798725	1878056	1975859	1884213	4.71	cps
Indium	115-1	4340642	4261216	4352250	4318036	1.15	cps
Indium	115-2	355073	366792	386997	369621	4.37	cps
Iron	56-2	4031716	3980303	3983164	3998394	0.72	cps
Iron	57-2	100851	98479	98893	99407	1.27	cps
Krypton	83-1	503	657	563	574	13.45	cps
Lead	206-1	348557	350352	353717	350875	0.75	cps
Lead	207-1	312728	314118	319201	315349	1.08	cps
Lead	208-1	1405088	1424424	1432913	1420808	1.00	cps
Lithium	6-1	1582238	1553082	1602114	1579145	1.56	cps
Magnesium	24-2	496463	493921	495942	495442	0.27	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:59:38	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	72349	71241	71723	71771	0.77	cps
Molybdenum	94-1	1204600	1214841	1231762	1217067	1.13	cps
Molybdenum	95-1	1511771	1522540	1566270	1533527	1.88	cps
Molybdenum	96-1	1648355	1680523	1717631	1682169	2.06	cps
Molybdenum	97-1	926492	940275	960067	942278	1.79	cps
Molybdenum	98-1	2390735	2476461	2467776	2444991	1.93	cps
Neodymium	150-1	67	33	20	40	60.10	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	61221	60554	60886	60887	0.55	cps
Phosphorus	31-2	2242	2159	1975	2125	6.42	cps
Potassium	39-2	152324	151913	152358	152199	0.16	cps
Rhodium	103-1	4252432	4251366	4370145	4291314	1.59	cps
Rhodium	103-2	1520875	1616863	1670635	1602791	4.73	cps
Scandium	45-1	3319021	3236014	3277479	3277505	1.27	cps
Scandium	45-2	42852	45119	46179	44717	3.80	cps
Selenium	77-2	107	153	143	134	18.28	cps
Selenium	78-2	431	487	485	468	6.74	cps
Selenium	82-1	10788	10828	10935	10850	0.70	cps
Silicon	28-1	16442334	16470976	16432198	16448503	0.12	cps
Silver	109-1	681303	680363	683489	681718	0.24	cps
Silver	107-1	722620	730488	728608	727238	0.57	cps
Sodium	23-2	1105221	1089541	1097863	1097542	0.71	cps
Strontium	86-1	207318	206845	206032	206732	0.31	cps
Strontium	88-1	1801149	1805673	1792719	1799847	0.37	cps
Sulfur	34-1	684380	679156	685281	682939	0.48	cps
Terbium	159-1	5403070	5288649	5406846	5366188	1.25	cps
Terbium	159-2	1857145	1932114	2003523	1930927	3.79	cps
Thallium	203-1	435012	436366	442649	438009	0.93	cps
Thallium	205-1	1039361	1035749	1066838	1047316	1.62	cps
Tin	118-1	416821	423290	426811	422307	1.20	cps
Titanium	47-1	462279	464913	464576	463923	0.31	cps
Uranium	238-1	1359169	1373306	1380580	1371018	0.79	cps
Vanadium	51-2	78153	74923	76588	76554	2.11	cps
Yttrium	89-1	4843508	4843809	4881052	4856123	0.44	cps
Yttrium	89-2	267632	276911	290238	278260	4.08	cps
Zinc	66-2	40947	40055	39921	40308	1.38	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 14:59:38	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	956802	971919	977248	968656	1.09	cps
Zirconium	91-1	214227	214247	217601	215358	0.90	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:03:25	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48351	49189	50017	49186	1.69	cps
Antimony	121-1	1335987	1354304	1348079	1346123	0.69	cps
Arsenic	75-1	446901	445802	451456	448053	0.67	cps
Barium	135-1	1335180	1342870	1356669	1344906	0.81	cps
Barium	137-1	2366960	2411512	2399385	2392619	0.96	cps
Beryllium	9-1	438489	436324	435983	436932	0.31	cps
Bismuth	209-1	3357408	3339752	3353461	3350207	0.28	cps
Bismuth	209-2	1501698	1521117	1518891	1513902	0.70	cps
Boron	10-1	47111	47747	47638	47499	0.72	cps
Boron	11-1	226165	227563	233571	229100	1.72	cps
Cadmium	111-1	317939	323845	324727	322170	1.15	cps
Cadmium	106-1	32925	33869	33785	33526	1.56	cps
Cadmium	108-1	22895	23083	23128	23035	0.54	cps
Calcium	43-1	369186	371481	371246	370638	0.34	cps
Calcium	44-1	6020864	6093146	6010476	6041495	0.75	cps
Chromium	52-2	213093	215297	212981	213790	0.61	cps
Cobalt	59-2	400242	398869	396001	398371	0.54	cps
Copper	63-2	678055	682312	676156	678841	0.46	cps
Dysprosium	156-1	0	50	8	19	137.78	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	75	83	67	75	11.11	cps
Gadolinium	160-2	17	7	13	12	41.65	cps
Holmium	165-1	5359767	5423351	5414753	5399290	0.64	cps
Holmium	165-2	1976964	1962909	1991264	1977046	0.72	cps
Indium	115-1	4481765	4463275	4465805	4470282	0.22	cps
Indium	115-2	374852	378699	376430	376660	0.51	cps
Iron	56-2	7980489	8005446	7900133	7962023	0.69	cps
Iron	57-2	198466	199614	197208	198429	0.61	cps
Krypton	83-1	540	593	593	576	5.35	cps
Lead	206-1	725710	743668	745648	738342	1.49	cps
Lead	207-1	659489	670898	676907	669098	1.32	cps
Lead	208-1	2975454	3015964	3028742	3006720	0.93	cps
Lithium	6-1	1608815	1615834	1621229	1615292	0.39	cps
Magnesium	24-2	989622	995890	986143	990551	0.50	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:03:25	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143285	143878	143016	143393	0.31	cps
Molybdenum	94-1	2484113	2476409	2510423	2490315	0.72	cps
Molybdenum	95-1	3109175	3135192	3115897	3120088	0.43	cps
Molybdenum	96-1	3430652	3441410	3450928	3440997	0.29	cps
Molybdenum	97-1	1948337	1965687	1973421	1962482	0.65	cps
Molybdenum	98-1	4923826	4972508	4980149	4958828	0.62	cps
Neodymium	150-1	113	60	33	69	59.14	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	120593	120644	119941	120393	0.33	cps
Phosphorus	31-2	4142	4459	4351	4318	3.73	cps
Potassium	39-2	297318	298835	296706	297619	0.37	cps
Rhodium	103-1	4403246	4443245	4392917	4413136	0.60	cps
Rhodium	103-2	1615225	1601228	1651521	1622658	1.60	cps
Scandium	45-1	3407904	3363906	3346909	3372906	0.93	cps
Scandium	45-2	45256	45728	45480	45488	0.52	cps
Selenium	77-2	277	280	263	273	3.23	cps
Selenium	78-2	872	1013	930	938	7.54	cps
Selenium	82-1	22150	22138	22291	22193	0.38	cps
Silicon	28-1	17240412	17121012	17016791	17126072	0.65	cps
Silver	109-1	1401997	1403094	1409907	1404999	0.31	cps
Silver	107-1	1479962	1487372	1495313	1487549	0.52	cps
Sodium	23-2	2196301	2216508	2177742	2196851	0.88	cps
Strontium	86-1	414682	422241	421307	419410	0.98	cps
Strontium	88-1	3615450	3661050	3659382	3645294	0.71	cps
Sulfur	34-1	707049	702803	698489	702780	0.61	cps
Terbium	159-1	5626113	5606317	5713012	5648480	1.00	cps
Terbium	159-2	2011574	2001502	2005431	2006169	0.25	cps
Thallium	203-1	905996	935247	950050	930431	2.41	cps
Thallium	205-1	2222772	2250023	2294883	2255893	1.61	cps
Tin	118-1	861612	876598	879706	872639	1.11	cps
Titanium	47-1	938728	934694	937341	936921	0.22	cps
Uranium	238-1	2941251	2956207	2986187	2961215	0.77	cps
Vanadium	51-2	153086	152840	151819	152581	0.44	cps
Yttrium	89-1	4971741	5016469	4979206	4989139	0.48	cps
Yttrium	89-2	282564	284848	282374	283262	0.49	cps
Zinc	66-2	79603	79369	79446	79473	0.15	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:03:25	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1987394	2025499	2023196	2012030	1.06	cps
Zirconium	91-1	436240	442169	444425	440945	0.96	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:07:06 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96009	96336	96097	96147	0.18	cps
Antimony	121-1	2701215	2739399	2758369	2732995	1.07	cps
Arsenic	75-1	878429	887456	889976	885287	0.69	cps
Barium	135-1	2723443	2754112	2761465	2746340	0.73	cps
Barium	137-1	4720807	4713857	4794747	4743137	0.95	cps
Beryllium	9-1	862521	864507	864313	863780	0.13	cps
Bismuth	209-1	3503817	3487066	3261973	3417619	3.95	cps
Bismuth	209-2	1486743	1504147	1504771	1498553	0.68	cps
Boron	10-1	89126	93394	94199	92240	2.96	cps
Boron	11-1	447225	452255	465250	454910	2.04	cps
Cadmium	111-1	637186	639475	647265	641309	0.82	cps
Cadmium	106-1	66524	65410	66330	66088	0.90	cps
Cadmium	108-1	45188	45577	45945	45570	0.83	cps
Calcium	43-1	729368	735583	743079	736010	0.93	cps
Calcium	44-1	11807877	11907598	11837499	11850991	0.43	cps
Chromium	52-2	416768	416088	411199	414685	0.73	cps
Cobalt	59-2	771441	773889	768546	771292	0.35	cps
Copper	63-2	1321626	1313432	1320696	1318585	0.34	cps
Dysprosium	156-1	67	50	50	56	17.32	cps
Dysprosium	156-2	3	7	17	9	78.08	cps
Erbium	164-1	17	50	42	36	48.03	cps
Erbium	164-2	20	13	7	13	49.99	cps
Gadolinium	160-1	58	42	67	56	22.91	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	5631225	5505958	5311010	5482731	2.94	cps
Holmium	165-2	1952012	1943885	1957307	1951068	0.35	cps
Indium	115-1	4527756	4477368	4267401	4424175	3.12	cps
Indium	115-2	361592	366803	366115	364837	0.78	cps
Iron	56-2	15517346	15505839	15421832	15481672	0.34	cps
Iron	57-2	387884	388768	388612	388421	0.12	cps
Krypton	83-1	577	670	540	596	11.25	cps
Lead	206-1	1504107	1526082	1515096	1515095	0.73	cps
Lead	207-1	1350975	1382376	1358553	1363968	1.20	cps
Lead	208-1	6141575	6237164	6173638	6184125	0.79	cps
Lithium	6-1	1633046	1617723	1542637	1597802	3.03	cps
Magnesium	24-2	1963811	1932501	1944041	1946784	0.81	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:07:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	279346	275176	278762	277761	0.81	cps
Molybdenum	94-1	4865913	4925848	4954314	4915358	0.92	cps
Molybdenum	95-1	6131403	6157617	6251425	6180148	1.02	cps
Molybdenum	96-1	6697662	6728823	6897200	6774562	1.58	cps
Molybdenum	97-1	3885298	3900646	3910011	3898652	0.32	cps
Molybdenum	98-1	9879262	9830690	10048210	9919388	1.15	cps
Neodymium	150-1	120	133	140	131	7.77	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	233000	232457	232861	232773	0.12	cps
Phosphorus	31-2	8495	8386	8203	8361	1.76	cps
Potassium	39-2	572501	575146	571552	573066	0.33	cps
Rhodium	103-1	4517326	4354820	4249845	4373997	3.08	cps
Rhodium	103-2	1589002	1620132	1589589	1599575	1.11	cps
Scandium	45-1	3391870	3331634	3166346	3296617	3.54	cps
Scandium	45-2	44825	45012	44132	44656	1.04	cps
Selenium	77-2	480	553	473	502	8.84	cps
Selenium	78-2	1796	1720	1828	1782	3.10	cps
Selenium	82-1	43571	43767	43958	43765	0.44	cps
Silicon	28-1	18011118	18196168	18161469	18122918	0.54	cps
Silver	109-1	2824286	2837534	2884160	2848660	1.10	cps
Silver	107-1	3008616	2980266	3061400	3016761	1.36	cps
Sodium	23-2	4222652	4254041	4201985	4226226	0.62	cps
Strontium	86-1	841973	836903	850904	843260	0.84	cps
Strontium	88-1	7224708	7264863	7215199	7234923	0.36	cps
Sulfur	34-1	770507	766916	766419	767947	0.29	cps
Terbium	159-1	5872890	5874291	5514548	5753910	3.60	cps
Terbium	159-2	1957121	2003285	1984498	1981635	1.17	cps
Thallium	203-1	1920211	1940701	1917964	1926292	0.65	cps
Thallium	205-1	4591049	4558866	4641368	4597094	0.90	cps
Tin	118-1	1737640	1781128	1790694	1769820	1.60	cps
Titanium	47-1	1836711	1881748	1877772	1865411	1.34	cps
Uranium	238-1	6018692	6059710	6060095	6046166	0.39	cps
Vanadium	51-2	301878	298640	300096	300205	0.54	cps
Yttrium	89-1	5175573	5000358	4758570	4978167	4.21	cps
Yttrium	89-2	275422	278056	276560	276680	0.48	cps
Zinc	66-2	154755	154492	154061	154436	0.23	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:07:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3982046	3954995	4036293	3991111	1.04	cps
Zirconium	91-1	876542	880599	885365	880835	0.50	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:10:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192001	191532	195141	192891	1.02	cps
Antimony	121-1	5519419	5607152	5593308	5573293	0.85	cps
Arsenic	75-1	1793004	1810922	1824821	1809582	0.88	cps
Barium	135-1	5537722	5635172	5671623	5614839	1.23	cps
Barium	137-1	9583483	9829659	9855199	9756114	1.54	cps
Beryllium	9-1	1776147	1720159	1756119	1750808	1.62	cps
Bismuth	209-1	3484814	3564972	3673977	3574588	2.66	cps
Bismuth	209-2	1533365	1563421	1555424	1550737	1.00	cps
Boron	10-1	186159	188606	191536	188767	1.43	cps
Boron	11-1	915122	925598	940546	927088	1.38	cps
Cadmium	111-1	1305279	1315957	1317474	1312904	0.51	cps
Cadmium	106-1	134027	134658	135172	134619	0.43	cps
Cadmium	108-1	92368	92708	93894	92990	0.86	cps
Calcium	43-1	1488624	1487647	1501450	1492573	0.52	cps
Calcium	44-1	23882275	23990357	23842875	23905169	0.32	cps
Chromium	52-2	825680	821522	830541	825914	0.55	cps
Cobalt	59-2	1560396	1535607	1561669	1552558	0.95	cps
Copper	63-2	2642412	2663294	2665277	2656995	0.48	cps
Dysprosium	156-1	92	125	50	89	42.28	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	50	75	58	61	20.84	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	5606448	5874088	5938824	5806453	3.03	cps
Holmium	165-2	2055590	2065685	2006063	2042446	1.56	cps
Indium	115-1	4417931	4539193	4648996	4535373	2.55	cps
Indium	115-2	372668	368488	368291	369816	0.67	cps
Iron	56-2	31251397	30916954	30997745	31055365	0.56	cps
Iron	57-2	776228	772035	781858	776707	0.63	cps
Krypton	83-1	637	573	667	626	7.62	cps
Lead	206-1	3152218	3182187	3209013	3181139	0.89	cps
Lead	207-1	2942695	2910492	2943571	2932253	0.64	cps
Lead	208-1	12931677	12772571	13001432	12901893	0.91	cps
Lithium	6-1	1587924	1627293	1620501	1611906	1.31	cps
Magnesium	24-2	3843257	3767047	3871303	3827203	1.41	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:10:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	557648	553868	557293	556270	0.38	cps
Molybdenum	94-1	10090200	10092289	10056808	10079766	0.20	cps
Molybdenum	95-1	12668579	12800750	12727167	12732165	0.52	cps
Molybdenum	96-1	13787048	13945573	13929854	13887492	0.63	cps
Molybdenum	97-1	7876398	7893116	7903940	7891151	0.18	cps
Molybdenum	98-1	20504910	20355617	20449223	20436583	0.37	cps
Neodymium	150-1	253	313	373	313	19.15	cps
Neodymium	150-2	20	7	13	13	49.99	cps
Nickel	60-2	465706	462246	465763	464572	0.43	cps
Phosphorus	31-2	16635	17144	17537	17105	2.64	cps
Potassium	39-2	1131664	1122963	1140084	1131570	0.76	cps
Rhodium	103-1	4445051	4461432	4577793	4494759	1.61	cps
Rhodium	103-2	1607513	1629293	1604255	1613687	0.84	cps
Scandium	45-1	3374532	3447339	3462366	3428079	1.37	cps
Scandium	45-2	45323	45112	45564	45333	0.50	cps
Selenium	77-2	983	1077	1047	1036	4.60	cps
Selenium	78-2	3723	3491	3693	3636	3.47	cps
Selenium	82-1	88718	89790	89808	89439	0.70	cps
Silicon	28-1	20063063	20131497	20191929	20128830	0.32	cps
Silver	109-1	5736189	5737568	5699082	5724280	0.38	cps
Silver	107-1	6067469	6007797	6047521	6040929	0.50	cps
Sodium	23-2	8351530	8240170	8413786	8335162	1.06	cps
Strontium	86-1	1749957	1727269	1729532	1735586	0.72	cps
Strontium	88-1	14760959	14704492	14599299	14688250	0.56	cps
Sulfur	34-1	990934	986358	983899	987064	0.36	cps
Terbium	159-1	5890881	5985254	6062195	5979443	1.43	cps
Terbium	159-2	2052870	2089093	2045272	2062412	1.14	cps
Thallium	203-1	3913732	4037160	4053440	4001444	1.91	cps
Thallium	205-1	9238213	9270717	9558139	9355690	1.88	cps
Tin	118-1	3591430	3649810	3671422	3637554	1.14	cps
Titanium	47-1	3733509	3770144	3752882	3752178	0.49	cps
Uranium	238-1	12670877	12413025	12702250	12595384	1.26	cps
Vanadium	51-2	604088	598395	606365	602949	0.68	cps
Yttrium	89-1	5053613	5208779	5141596	5134663	1.52	cps
Yttrium	89-2	284232	285915	281672	283940	0.75	cps
Zinc	66-2	307922	307506	308915	308114	0.23	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:10:43	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8095705	8035001	8077467	8069391	0.39	cps
Zirconium	91-1	1833807	1846606	1825417	1835277	0.58	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:14:12 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	967183	965795	967456	966811	0.09	cps
Antimony	121-1	6235	6452	6352	6346	1.71	cps
Arsenic	75-1	3061	3086	2982	3043	1.79	cps
Barium	135-1	583	542	600	575	5.22	cps
Barium	137-1	967	850	892	903	6.55	cps
Beryllium	9-1	200	133	113	149	30.48	cps
Bismuth	209-1	3427153	3478452	3441246	3448951	0.77	cps
Bismuth	209-2	1542808	1541434	1554909	1546384	0.48	cps
Boron	10-1	5818	5401	5318	5512	4.86	cps
Boron	11-1	27953	25749	25190	26297	5.56	cps
Cadmium	111-1	989	1027	928	981	5.06	cps
Cadmium	106-1	1383	1383	1283	1350	4.28	cps
Cadmium	108-1	42	42	58	47	20.37	cps
Calcium	43-1	7123585	7106747	6914894	7048409	1.64	cps
Calcium	44-1	117498848	116863645	114898858	116420450	1.16	cps
Chromium	52-2	6292	6668	6505	6488	2.91	cps
Cobalt	59-2	17271	17518	17471	17420	0.75	cps
Copper	63-2	4591	4724	4811	4709	2.35	cps
Dysprosium	156-1	58	42	33	44	28.65	cps
Dysprosium	156-2	23	13	10	16	44.60	cps
Erbium	164-1	42	17	83	47	71.32	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	67	100	100	89	21.65	cps
Gadolinium	160-2	20	30	17	22	31.22	cps
Holmium	165-1	5665474	5660018	5686764	5670752	0.25	cps
Holmium	165-2	2067099	2059872	2069134	2065368	0.24	cps
Indium	115-1	4392905	4349443	4434505	4392284	0.97	cps
Indium	115-2	372381	374009	378493	374961	0.84	cps
Iron	56-2	148024942	148481820	148346826	148284529	0.16	cps
Iron	57-2	3740008	3714927	3758248	3737728	0.58	cps
Krypton	83-1	627	567	530	574	8.50	cps
Lead	206-1	6135	6380	6318	6278	2.03	cps
Lead	207-1	5890	5401	5974	5755	5.37	cps
Lead	208-1	25361	25544	26228	25711	1.78	cps
Lithium	6-1	1466809	1463131	1450611	1460184	0.58	cps
Magnesium	24-2	17782876	17683915	17593529	17686773	0.54	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:14:12	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2034	2007	2097	2046	2.26	cps
Molybdenum	94-1	3892	4084	3767	3915	4.08	cps
Molybdenum	95-1	6135	6077	5393	5868	7.03	cps
Molybdenum	96-1	7369	6560	6669	6866	6.39	cps
Molybdenum	97-1	3417	3717	3309	3481	6.08	cps
Molybdenum	98-1	9762	8745	8536	9014	7.28	cps
Neodymium	150-1	107	127	40	91	49.81	cps
Neodymium	150-2	20	23	27	23	14.29	cps
Nickel	60-2	5645	5441	5418	5501	2.27	cps
Phosphorus	31-2	8	17	42	22	78.07	cps
Potassium	39-2	5383814	5394125	5422992	5400310	0.38	cps
Rhodium	103-1	4217272	4209023	4212920	4213071	0.10	cps
Rhodium	103-2	1540075	1517490	1578356	1545307	1.99	cps
Scandium	45-1	3259041	3170414	3289939	3239798	1.92	cps
Scandium	45-2	42655	43186	43457	43099	0.95	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	6	0	3	91.69	cps
Selenium	82-1	18	100	138	85	72.06	cps
Silicon	28-1	17522044	17562486	17686166	17590232	0.49	cps
Silver	109-1	1150	1217	1200	1189	2.92	cps
Silver	107-1	1058	1050	1192	1100	7.23	cps
Sodium	23-2	38084140	38477884	38414394	38325473	0.55	cps
Strontium	86-1	7427	6794	6752	6991	5.41	cps
Strontium	88-1	52268	52017	51414	51900	0.84	cps
Sulfur	34-1	515636	529679	541065	528793	2.41	cps
Terbium	159-1	5921007	5859277	5986152	5922145	1.07	cps
Terbium	159-2	2084888	2062557	2106453	2084633	1.05	cps
Thallium	203-1	442	325	208	325	35.90	cps
Thallium	205-1	558	542	458	519	10.31	cps
Tin	118-1	2359	1992	2092	2147	8.83	cps
Titanium	47-1	658	650	608	639	4.19	cps
Uranium	238-1	225	233	317	258	19.62	cps
Vanadium	51-2	70	63	60	64	7.90	cps
Yttrium	89-1	4870321	4899629	4950950	4906967	0.83	cps
Yttrium	89-2	283243	279724	286262	283076	1.16	cps
Zinc	66-2	2400	2514	2284	2399	4.79	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:14:12	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1925	1875	2200	2000	8.75	cps
Zirconium	91-1	450	367	283	367	22.73	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:17:50 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5185	5057	5297	5180	2.32	cps
Antimony	121-1	1051427	1044182	1055513	1050374	0.55	cps
Arsenic	75-1	347317	347601	350037	348318	0.43	cps
Barium	135-1	108718	108408	107352	108159	0.66	cps
Barium	137-1	188688	189801	188980	189156	0.31	cps
Beryllium	9-1	162043	163553	162144	162580	0.52	cps
Bismuth	209-1	3793675	3727644	3702535	3741285	1.26	cps
Bismuth	209-2	1700813	1704637	1683961	1696470	0.65	cps
Boron	10-1	2725	2492	2375	2531	7.04	cps
Boron	11-1	13515	12064	11755	12445	7.55	cps
Cadmium	111-1	126880	128246	129308	128145	0.95	cps
Cadmium	106-1	12807	12657	13449	12971	3.24	cps
Cadmium	108-1	9649	9483	9516	9549	0.92	cps
Calcium	43-1	28396	28165	27931	28164	0.82	cps
Calcium	44-1	504707	504693	507657	505685	0.34	cps
Chromium	52-2	81036	80919	80412	80789	0.41	cps
Cobalt	59-2	154553	155227	152608	154129	0.88	cps
Copper	63-2	132969	131945	131111	132008	0.70	cps
Dysprosium	156-1	8	58	17	28	96.44	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	67	33	50	33.34	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	75	25	33	44	60.28	cps
Gadolinium	160-2	23	20	13	19	26.96	cps
Holmium	165-1	5785196	5742149	5737557	5754967	0.46	cps
Holmium	165-2	2144828	2161972	2148302	2151701	0.42	cps
Indium	115-1	4737912	4735961	4804024	4759299	0.81	cps
Indium	115-2	413015	409816	406970	409933	0.74	cps
Iron	56-2	620942	621251	616719	619637	0.41	cps
Iron	57-2	15976	15131	15092	15400	3.24	cps
Krypton	83-1	577	573	660	603	8.14	cps
Lead	206-1	634032	626444	644337	634938	1.41	cps
Lead	207-1	552292	547465	553198	550985	0.56	cps
Lead	208-1	2520984	2515775	2541188	2525982	0.53	cps
Lithium	6-1	1529057	1510320	1503971	1514449	0.86	cps
Magnesium	24-2	45599	46243	45173	45672	1.18	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:17:50	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	28035	27618	27775	27809	0.76	cps
Molybdenum	94-1	3446370	3447788	3447468	3447209	0.02	cps
Molybdenum	95-1	6012547	6062901	6073823	6049757	0.54	cps
Molybdenum	96-1	6345563	6350307	6416075	6370648	0.62	cps
Molybdenum	97-1	3778846	3795634	3839776	3804752	0.83	cps
Molybdenum	98-1	9658612	9634942	9703060	9665538	0.36	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	47648	47220	45852	46907	2.00	cps
Phosphorus	31-2	33	33	8	25	57.74	cps
Potassium	39-2	52691	52173	50927	51930	1.75	cps
Rhodium	103-1	4712786	4691134	4787258	4730392	1.07	cps
Rhodium	103-2	1728852	1763869	1711977	1734899	1.53	cps
Scandium	45-1	3400927	3365100	3386480	3384169	0.53	cps
Scandium	45-2	45534	44520	44510	44855	1.31	cps
Selenium	77-2	233	290	213	246	16.20	cps
Selenium	78-2	820	741	730	764	6.48	cps
Selenium	82-1	16979	17105	17253	17112	0.80	cps
Silicon	28-1	18037201	17993137	18036082	18022140	0.14	cps
Silver	109-1	560003	556616	558790	558470	0.31	cps
Silver	107-1	588200	586100	594210	589504	0.71	cps
Sodium	23-2	186692	182944	182930	184189	1.18	cps
Strontium	86-1	4593	4159	4543	4431	5.35	cps
Strontium	88-1	29166	29533	28915	29204	1.06	cps
Sulfur	34-1	545918	541715	541400	543011	0.46	cps
Terbium	159-1	6059077	5999458	5928908	5995814	1.09	cps
Terbium	159-2	2215356	2173382	2164584	2184441	1.24	cps
Thallium	203-1	846524	847526	847179	847076	0.06	cps
Thallium	205-1	2055159	2039369	2075391	2056640	0.88	cps
Tin	118-1	1483	1842	1925	1750	13.41	cps
Titanium	47-1	1796912	1799915	1826766	1807864	0.91	cps
Uranium	238-1	508	467	383	453	14.06	cps
Vanadium	51-2	63085	65171	62864	63706	2.00	cps
Yttrium	89-1	5127078	5153089	5136506	5138891	0.26	cps
Yttrium	89-2	300418	300176	295225	298606	0.98	cps
Zinc	66-2	32087	32592	31633	32104	1.49	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:17:50	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1508	1425	1417	1450	3.50	cps
Zirconium	91-1	433	467	408	436	6.71	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:21:16 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30	38	35	34	11.17	cps
Antimony	121-1	675	692	942	770	19.41	cps
Arsenic	75-1	735	764	778	759	2.87	cps
Barium	135-1	8	92	8	36	133.25	cps
Barium	137-1	58	67	42	56	22.92	cps
Beryllium	9-1	77	80	53	70	20.76	cps
Bismuth	209-1	3843987	3689533	3775507	3769676	2.05	cps
Bismuth	209-2	1666054	1726486	1663596	1685379	2.11	cps
Boron	10-1	1600	1492	1592	1561	3.86	cps
Boron	11-1	7986	8386	7686	8019	4.38	cps
Cadmium	111-1	963	1147	989	1033	9.63	cps
Cadmium	106-1	1383	1625	1392	1467	9.35	cps
Cadmium	108-1	25	4	8	13	88.19	cps
Calcium	43-1	597	657	603	619	5.31	cps
Calcium	44-1	45470	46001	44581	45351	1.58	cps
Chromium	52-2	1160	1240	1233	1211	3.67	cps
Cobalt	59-2	110	93	70	91	22.05	cps
Copper	63-2	593	540	547	560	5.19	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	42	17	92	50	76.37	cps
Gadolinium	160-2	3	27	10	13	90.16	cps
Holmium	165-1	5840348	5754388	5767900	5787545	0.80	cps
Holmium	165-2	2100541	2134006	2106809	2113785	0.84	cps
Indium	115-1	4817964	4681364	4712488	4737272	1.51	cps
Indium	115-2	402796	410173	402901	405290	1.04	cps
Iron	56-2	2117	2067	2134	2106	1.65	cps
Iron	57-2	67	72	39	59	30.13	cps
Krypton	83-1	627	523	523	558	10.70	cps
Lead	206-1	1300	1322	961	1195	16.94	cps
Lead	207-1	1050	1100	1083	1078	2.36	cps
Lead	208-1	5123	5167	4645	4978	5.82	cps
Lithium	6-1	1565480	1537196	1514424	1539033	1.66	cps
Magnesium	24-2	275	367	392	344	17.83	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:21:16 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	23	27	28	18.33	cps
Molybdenum	94-1	383	408	383	392	3.68	cps
Molybdenum	95-1	600	608	567	592	3.73	cps
Molybdenum	96-1	700	608	558	622	11.55	cps
Molybdenum	97-1	358	358	375	364	2.64	cps
Molybdenum	98-1	967	750	758	825	14.88	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	57	50	56	9.17	cps
Phosphorus	31-2	0	0	33	11	173.21	cps
Potassium	39-2	6819	7211	6785	6938	3.41	cps
Rhodium	103-1	4840659	4661550	4691873	4731361	2.03	cps
Rhodium	103-2	1733114	1777848	1712720	1741227	1.91	cps
Scandium	45-1	3426777	3384152	3407554	3406161	0.63	cps
Scandium	45-2	44079	46062	44260	44800	2.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-55	91	106	48	187.51	cps
Silicon	28-1	17836760	17774514	17767620	17792965	0.21	cps
Silver	109-1	692	733	642	689	6.66	cps
Silver	107-1	750	733	692	725	4.14	cps
Sodium	23-2	18196	17712	17879	17929	1.37	cps
Strontium	86-1	950	800	950	900	9.62	cps
Strontium	88-1	83	100	50	78	32.74	cps
Sulfur	34-1	535435	548525	545063	543008	1.25	cps
Terbium	159-1	6037956	5999480	5978842	6005426	0.50	cps
Terbium	159-2	2131199	2172264	2127232	2143565	1.16	cps
Thallium	203-1	75	67	33	58	37.80	cps
Thallium	205-1	142	333	200	225	43.69	cps
Tin	118-1	325	358	375	353	7.22	cps
Titanium	47-1	208	167	117	164	28.00	cps
Uranium	238-1	100	250	50	133	78.07	cps
Vanadium	51-2	7	13	7	9	43.25	cps
Yttrium	89-1	5229840	5114112	5159522	5167825	1.13	cps
Yttrium	89-2	291989	301030	295025	296015	1.55	cps
Zinc	66-2	73	50	87	70	26.51	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:21:16	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	342	367	333	347	5.00	cps
Zirconium	91-1	58	83	67	69	18.33	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:24:46 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	906730	885303	897261	896431	1.20	cps
Antimony	121-1	6285	7211	6827	6774	6.86	cps
Arsenic	75-1	4152	3325	3918	3798	11.23	cps
Barium	135-1	1759	1750	1784	1764	0.98	cps
Barium	137-1	2917	3384	2784	3028	10.41	cps
Beryllium	9-1	553	593	547	564	4.47	cps
Bismuth	209-1	3748238	3721283	3779141	3749554	0.77	cps
Bismuth	209-2	1623073	1572352	1609150	1601525	1.64	cps
Boron	10-1	1550	1350	1350	1417	8.15	cps
Boron	11-1	6919	6593	6835	6782	2.49	cps
Cadmium	111-1	1504	1224	1426	1385	10.44	cps
Cadmium	106-1	1450	1133	1392	1325	12.72	cps
Cadmium	108-1	1033	908	938	960	6.81	cps
Calcium	43-1	1462363	1461923	1461970	1462085	0.02	cps
Calcium	44-1	23907746	23605025	23600060	23704277	0.74	cps
Chromium	52-2	18039	17628	18499	18055	2.41	cps
Cobalt	59-2	2074	1863	1837	1925	6.74	cps
Copper	63-2	11175	10774	11091	11013	1.92	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	17	0	7	8	107.84	cps
Erbium	164-1	108	92	33	78	50.64	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	67	50	67	61	15.75	cps
Gadolinium	160-2	20	0	17	12	87.67	cps
Holmium	165-1	6060726	5977687	6022504	6020306	0.69	cps
Holmium	165-2	2140253	2088919	2127112	2118761	1.26	cps
Indium	115-1	4861544	4828131	4841115	4843596	0.35	cps
Indium	115-2	401787	393457	401141	398795	1.16	cps
Iron	56-2	62325511	60879797	62096413	61767240	1.26	cps
Iron	57-2	1582357	1560064	1556122	1566181	0.90	cps
Krypton	83-1	567	540	687	598	13.07	cps
Lead	206-1	17757	17162	17507	17475	1.71	cps
Lead	207-1	14325	13936	13552	13938	2.77	cps
Lead	208-1	67321	64927	65456	65901	1.91	cps
Lithium	6-1	1653154	1620467	1636373	1636665	1.00	cps
Magnesium	24-2	3887495	3816072	3867024	3856864	0.95	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:24:46 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2550	2190	2380	2374	7.59	cps
Molybdenum	94-1	2744837	2714807	2699563	2719736	0.85	cps
Molybdenum	95-1	4803065	4765898	4718154	4762372	0.89	cps
Molybdenum	96-1	5142750	5049039	4989718	5060502	1.52	cps
Molybdenum	97-1	3043709	2985983	3030500	3020064	1.00	cps
Molybdenum	98-1	7644190	7566304	7646108	7618867	0.60	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	2800	2387	2664	2617	8.05	cps
Phosphorus	31-2	84084	81635	84888	83536	2.03	cps
Potassium	39-2	2318462	2267007	2305467	2296979	1.16	cps
Rhodium	103-1	4611454	4588355	4601748	4600519	0.25	cps
Rhodium	103-2	1692579	1658669	1699505	1683584	1.30	cps
Scandium	45-1	3536230	3462579	3453556	3484122	1.30	cps
Scandium	45-2	45641	44758	45985	45461	1.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	4	4	50.09	cps
Selenium	82-1	73	108	-72	36	262.25	cps
Silicon	28-1	18340224	18324608	18254191	18306341	0.25	cps
Silver	109-1	2225	2709	2700	2545	10.87	cps
Silver	107-1	2550	2450	2700	2567	4.90	cps
Sodium	23-2	8461824	8300785	8445412	8402674	1.05	cps
Strontium	86-1	51791	50988	53205	51994	2.16	cps
Strontium	88-1	445022	436624	445227	442291	1.11	cps
Sulfur	34-1	2254447	2214845	2217416	2228903	0.99	cps
Terbium	159-1	6362966	6131214	6257913	6250698	1.86	cps
Terbium	159-2	2169590	2110770	2139352	2139904	1.37	cps
Thallium	203-1	225	308	250	261	16.38	cps
Thallium	205-1	467	542	575	528	10.51	cps
Tin	118-1	1067	775	1033	958	16.66	cps
Titanium	47-1	1542223	1519813	1510800	1524279	1.06	cps
Uranium	238-1	283	175	208	222	24.97	cps
Vanadium	51-2	127	73	117	106	26.86	cps
Yttrium	89-1	5300289	5157558	5191956	5216601	1.43	cps
Yttrium	89-2	296177	289024	295390	293530	1.34	cps
Zinc	66-2	2020	1823	1907	1917	5.15	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:24:46	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	492	458	492	481	4.00	cps
Zirconium	91-1	108	75	83	89	19.52	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:28:30	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	905382	911761	896358	904500	0.86	cps
Antimony	121-1	114908	116631	116900	116146	0.93	cps
Arsenic	75-1	37908	39498	38603	38670	2.06	cps
Barium	135-1	24607	25041	25025	24891	0.99	cps
Barium	137-1	41057	41984	43021	42021	2.34	cps
Beryllium	9-1	34849	35962	35972	35594	1.81	cps
Bismuth	209-1	3568536	3563045	3532189	3554590	0.55	cps
Bismuth	209-2	1490230	1497920	1474606	1487585	0.80	cps
Boron	10-1	13215	14208	13715	13713	3.62	cps
Boron	11-1	66212	67568	67936	67239	1.35	cps
Cadmium	111-1	27177	28004	27524	27569	1.51	cps
Cadmium	106-1	4168	4709	4934	4604	8.56	cps
Cadmium	108-1	3030	2938	2859	2942	2.91	cps
Calcium	43-1	1477487	1531336	1506551	1505125	1.79	cps
Calcium	44-1	23749900	24536995	24352270	24213055	1.70	cps
Chromium	52-2	35986	36143	35295	35808	1.26	cps
Cobalt	59-2	34553	34593	33985	34377	0.99	cps
Copper	63-2	39560	39499	39479	39513	0.11	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	42	67	25	44	47.19	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	92	17	75	61	64.44	cps
Gadolinium	160-2	27	17	7	17	59.99	cps
Holmium	165-1	5734646	5769006	5737601	5747085	0.33	cps
Holmium	165-2	1996947	2005959	1977167	1993357	0.74	cps
Indium	115-1	4754647	4841464	4669070	4755060	1.81	cps
Indium	115-2	380658	384352	377459	380823	0.91	cps
Iron	56-2	63447442	63904407	63129361	63493737	0.61	cps
Iron	57-2	1615089	1638270	1611663	1621674	0.89	cps
Krypton	83-1	633	577	537	582	8.34	cps
Lead	206-1	79040	78643	78435	78706	0.39	cps
Lead	207-1	66737	65742	66223	66234	0.75	cps
Lead	208-1	307531	306813	306449	306931	0.18	cps
Lithium	6-1	1633503	1696347	1696016	1675289	2.16	cps
Magnesium	24-2	3979380	3967653	3955129	3967387	0.31	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:28:30	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8469	7819	7899	8062	4.40	cps
Molybdenum	94-1	2963775	3013003	2986606	2987794	0.82	cps
Molybdenum	95-1	4882905	5012258	4955094	4950086	1.31	cps
Molybdenum	96-1	5118892	5385232	5282839	5262321	2.55	cps
Molybdenum	97-1	3012125	3119238	3107162	3079508	1.91	cps
Molybdenum	98-1	7766892	7998125	7872760	7879259	1.47	cps
Neodymium	150-1	27	27	27	27	0.00	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	12159	13080	12436	12558	3.76	cps
Phosphorus	31-2	83228	83798	84083	83703	0.52	cps
Potassium	39-2	2349685	2391716	2354433	2365278	0.97	cps
Rhodium	103-1	4471308	4512848	4482176	4488777	0.48	cps
Rhodium	103-2	1647705	1643836	1627526	1639689	0.65	cps
Scandium	45-1	3403614	3473956	3421609	3433059	1.06	cps
Scandium	45-2	45300	46851	46303	46151	1.70	cps
Selenium	77-2	23	20	23	22	8.65	cps
Selenium	78-2	67	78	74	73	7.77	cps
Selenium	82-1	1700	1870	1868	1813	5.39	cps
Silicon	28-1	18038766	18125562	17876096	18013475	0.70	cps
Silver	109-1	109106	112004	112115	111075	1.54	cps
Silver	107-1	116889	118484	116870	117414	0.79	cps
Sodium	23-2	8843940	8921211	8798609	8854587	0.70	cps
Strontium	86-1	144971	146950	142613	144845	1.50	cps
Strontium	88-1	1247333	1278274	1266074	1263894	1.23	cps
Sulfur	34-1	2245244	2316577	2298651	2286824	1.62	cps
Terbium	159-1	5985976	6023117	5987246	5998780	0.35	cps
Terbium	159-2	2025561	2050221	1985542	2020442	1.62	cps
Thallium	203-1	76950	78023	79046	78006	1.34	cps
Thallium	205-1	182421	188830	184670	185307	1.75	cps
Tin	118-1	227080	233233	230607	230307	1.34	cps
Titanium	47-1	1536819	1570831	1555047	1554232	1.10	cps
Uranium	238-1	789625	800509	797596	795910	0.71	cps
Vanadium	51-2	12149	12322	12542	12338	1.60	cps
Yttrium	89-1	5170082	5248447	5189491	5202673	0.78	cps
Yttrium	89-2	284887	288172	282426	285162	1.01	cps
Zinc	66-2	5314	5314	5318	5316	0.04	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:28:30	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	519069	534196	527698	526988	1.44	cps
Zirconium	91-1	113857	118967	116948	116591	2.21	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:31:52	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	526525	530031	532048	529535	0.53	cps
Antimony	121-1	2748402	2821720	2794477	2788200	1.33	cps
Arsenic	75-1	875607	892940	902744	890430	1.54	cps
Barium	135-1	2778546	2857576	2832499	2822874	1.43	cps
Barium	137-1	4740919	4877527	4865126	4827857	1.56	cps
Beryllium	9-1	851416	878116	878599	869377	1.79	cps
Bismuth	209-1	3396472	3361738	3489875	3416028	1.94	cps
Bismuth	209-2	1458540	1465704	1464370	1462871	0.26	cps
Boron	10-1	92598	96399	99443	96147	3.57	cps
Boron	11-1	458817	477494	484967	473759	2.84	cps
Cadmium	111-1	624143	645996	645373	638504	1.95	cps
Cadmium	106-1	64698	67194	64882	65591	2.12	cps
Cadmium	108-1	44983	45489	45866	45446	0.97	cps
Calcium	43-1	3579793	3722698	3706278	3669590	2.13	cps
Calcium	44-1	58377432	60099397	60216332	59564387	1.73	cps
Chromium	52-2	430542	432702	434817	432687	0.49	cps
Cobalt	59-2	793297	806153	806716	802055	0.95	cps
Copper	63-2	1314476	1323525	1329783	1322595	0.58	cps
Dysprosium	156-1	50	33	58	47	26.97	cps
Dysprosium	156-2	20	7	13	13	49.99	cps
Erbium	164-1	33	50	58	47	26.97	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	33	8	92	44	96.23	cps
Gadolinium	160-2	17	3	10	10	66.70	cps
Holmium	165-1	5535040	5572022	5563756	5556939	0.35	cps
Holmium	165-2	1946078	2003752	1964650	1971493	1.49	cps
Indium	115-1	4427711	4567001	4532200	4508970	1.61	cps
Indium	115-2	364729	360459	369237	364808	1.20	cps
Iron	56-2	79415535	79786452	79907741	79703243	0.32	cps
Iron	57-2	2019540	2021849	2021062	2020817	0.06	cps
Krypton	83-1	597	670	520	596	12.59	cps
Lead	206-1	1491301	1521775	1517508	1510195	1.09	cps
Lead	207-1	1344049	1366894	1389763	1366902	1.67	cps
Lead	208-1	6101453	6188417	6249543	6179804	1.20	cps
Lithium	6-1	1579269	1590807	1616059	1595378	1.18	cps
Magnesium	24-2	9691178	9643877	9760593	9698549	0.61	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:31:52	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	284924	290219	288123	287756	0.93	cps
Molybdenum	94-1	4981479	5109052	5160826	5083785	1.82	cps
Molybdenum	95-1	6248519	6394656	6468595	6370590	1.76	cps
Molybdenum	96-1	6902604	7073284	7096513	7024134	1.51	cps
Molybdenum	97-1	3956982	4008567	4038455	4001335	1.03	cps
Molybdenum	98-1	10041980	10286479	10261925	10196795	1.32	cps
Neodymium	150-1	140	153	160	151	6.74	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	235863	238307	240254	238141	0.92	cps
Phosphorus	31-2	8886	9562	8903	9117	4.23	cps
Potassium	39-2	2951884	2981549	2977758	2970397	0.54	cps
Rhodium	103-1	4267388	4375617	4383453	4342153	1.49	cps
Rhodium	103-2	1580046	1584553	1596258	1586952	0.53	cps
Scandium	45-1	3328701	3427161	3446853	3400905	1.86	cps
Scandium	45-2	44882	46443	46784	46036	2.20	cps
Selenium	77-2	537	520	513	523	2.30	cps
Selenium	78-2	1767	1859	1809	1812	2.56	cps
Selenium	82-1	43215	44294	44262	43924	1.40	cps
Silicon	28-1	18776393	19085166	19043798	18968452	0.88	cps
Silver	109-1	2729372	2869555	2848627	2815851	2.69	cps
Silver	107-1	2966041	2992226	3031134	2996467	1.09	cps
Sodium	23-2	21546837	21485877	21588586	21540433	0.24	cps
Strontium	86-1	845978	864094	862233	857435	1.16	cps
Strontium	88-1	7267860	7463253	7489144	7406752	1.63	cps
Sulfur	34-1	735936	746657	744709	742434	0.77	cps
Terbium	159-1	5847885	5919060	5906705	5891216	0.65	cps
Terbium	159-2	2007864	2042567	2015618	2022016	0.90	cps
Thallium	203-1	1933924	1933627	1895972	1921175	1.14	cps
Thallium	205-1	4555200	4633669	4482619	4557163	1.66	cps
Tin	118-1	1766945	1822973	1801361	1797093	1.57	cps
Titanium	47-1	1858451	1918451	1937130	1904678	2.16	cps
Uranium	238-1	6173669	6240859	6152260	6188929	0.75	cps
Vanadium	51-2	312360	313617	316110	314029	0.61	cps
Yttrium	89-1	5020487	5147829	5113831	5094049	1.29	cps
Yttrium	89-2	284490	284603	282138	283744	0.49	cps
Zinc	66-2	156659	156285	157142	156695	0.27	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:31:52	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4019506	4197606	4164959	4127357	2.30	cps
Zirconium	91-1	884559	917200	910849	904203	1.91	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : CCB48 Instrumnet Name : P8
 Client Sample ID : CCB48 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:35:10 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63	48	73	61	20.69	cps
Antimony	121-1	892	1117	1208	1072	15.20	cps
Arsenic	75-1	1052	759	901	904	16.24	cps
Barium	135-1	50	25	17	31	56.77	cps
Barium	137-1	67	42	67	58	24.74	cps
Beryllium	9-1	100	100	63	88	24.12	cps
Bismuth	209-1	3542532	3548337	3642088	3577652	1.56	cps
Bismuth	209-2	1614846	1590065	1613890	1606267	0.87	cps
Boron	10-1	2367	1867	2234	2156	12.01	cps
Boron	11-1	11222	10304	9487	10338	8.39	cps
Cadmium	111-1	809	864	913	862	6.07	cps
Cadmium	106-1	1142	1250	1283	1225	6.05	cps
Cadmium	108-1	4	33	8	15	103.25	cps
Calcium	43-1	610	563	607	593	4.39	cps
Calcium	44-1	43992	43303	43407	43567	0.85	cps
Chromium	52-2	1350	1187	1383	1307	8.06	cps
Cobalt	59-2	110	100	77	96	17.90	cps
Copper	63-2	797	803	743	781	4.21	cps
Dysprosium	156-1	42	25	8	25	66.68	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	50	17	33	50.00	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	75	83	33	64	41.93	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	5510329	5606813	5740799	5619314	2.06	cps
Holmium	165-2	2072828	2050444	2068489	2063920	0.58	cps
Indium	115-1	4681840	4652923	4742487	4692417	0.97	cps
Indium	115-2	399491	398412	401888	399930	0.44	cps
Iron	56-2	3345	3551	3362	3419	3.34	cps
Iron	57-2	89	100	111	100	11.11	cps
Krypton	83-1	553	640	560	584	8.25	cps
Lead	206-1	1761	1522	1800	1695	8.88	cps
Lead	207-1	1456	1606	1311	1458	10.10	cps
Lead	208-1	6918	6734	6957	6869	1.73	cps
Lithium	6-1	1638540	1635969	1664296	1646268	0.95	cps
Magnesium	24-2	517	433	508	486	9.44	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : CCB48 Instrumnet Name : P8
 Client Sample ID : CCB48 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:35:10 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	30	53	38	35.66	cps
Molybdenum	94-1	708	450	558	572	22.67	cps
Molybdenum	95-1	642	492	550	561	13.48	cps
Molybdenum	96-1	783	683	575	681	15.31	cps
Molybdenum	97-1	392	383	308	361	12.71	cps
Molybdenum	98-1	983	1017	733	911	17.00	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	80	57	76	22.64	cps
Phosphorus	31-2	25	33	8	22	57.29	cps
Potassium	39-2	9212	8511	8320	8681	5.41	cps
Rhodium	103-1	4629325	4648717	4799003	4692348	1.98	cps
Rhodium	103-2	1747031	1762420	1772178	1760543	0.72	cps
Scandium	45-1	3442853	3466835	3510671	3473453	0.99	cps
Scandium	45-2	47079	47380	47463	47307	0.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	127	-51	78	51	179.18	cps
Silicon	28-1	17235932	17323593	17228900	17262809	0.31	cps
Silver	109-1	983	758	608	783	24.10	cps
Silver	107-1	900	950	783	878	9.74	cps
Sodium	23-2	22360	20925	20916	21400	3.88	cps
Strontium	86-1	1183	925	675	928	27.40	cps
Strontium	88-1	83	92	133	103	26.06	cps
Sulfur	34-1	511076	512161	511189	511475	0.12	cps
Terbium	159-1	5897042	5921817	5989063	5935974	0.80	cps
Terbium	159-2	2079800	2083829	2102378	2088669	0.58	cps
Thallium	203-1	358	342	458	386	16.34	cps
Thallium	205-1	1100	875	1108	1028	12.88	cps
Tin	118-1	442	517	508	489	8.41	cps
Titanium	47-1	233	133	200	189	26.96	cps
Uranium	238-1	117	83	67	89	28.64	cps
Vanadium	51-2	20	17	13	17	20.01	cps
Yttrium	89-1	5108731	5160073	5273737	5180847	1.63	cps
Yttrium	89-2	298896	296397	300250	298514	0.65	cps
Zinc	66-2	77	97	83	86	11.90	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:35:10	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	542	517	500	519	4.04	cps
Zirconium	91-1	100	92	92	94	5.09	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 15:38:39 DataFile Name : 018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290	173	223	228	25.82	cps
Antimony	121-1	10663	10905	10663	10744	1.30	cps
Arsenic	75-1	2668	2573	2386	2542	5.65	cps
Barium	135-1	11097	10855	10546	10833	2.55	cps
Barium	137-1	19006	19089	18789	18962	0.82	cps
Beryllium	9-1	1590	1690	1750	1677	4.82	cps
Bismuth	209-1	3576813	3712983	3532200	3607332	2.61	cps
Bismuth	209-2	1569662	1591776	1589785	1583741	0.77	cps
Boron	10-1	5476	5760	5460	5565	3.03	cps
Boron	11-1	27084	27110	27861	27352	1.61	cps
Cadmium	111-1	1945	2255	2140	2113	7.41	cps
Cadmium	106-1	1117	1625	1492	1411	18.68	cps
Cadmium	108-1	100	113	125	113	11.11	cps
Calcium	43-1	7395	7799	7832	7676	3.17	cps
Calcium	44-1	159465	160902	158241	159536	0.83	cps
Chromium	52-2	2777	2850	2814	2814	1.30	cps
Cobalt	59-2	1553	1667	1693	1638	4.54	cps
Copper	63-2	3210	3304	3150	3222	2.40	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	33	83	25	47	66.82	cps
Gadolinium	160-2	20	7	3	10	88.20	cps
Holmium	165-1	5644282	5838246	5620059	5700862	2.10	cps
Holmium	165-2	2021945	2071733	2058384	2050687	1.26	cps
Indium	115-1	4754251	4968290	4728425	4816989	2.73	cps
Indium	115-2	389755	394138	395037	392977	0.72	cps
Iron	56-2	35150	34727	34994	34957	0.61	cps
Iron	57-2	906	861	922	896	3.52	cps
Krypton	83-1	667	613	550	610	9.58	cps
Lead	206-1	4256	4273	3756	4095	7.17	cps
Lead	207-1	3456	3767	3284	3502	7.00	cps
Lead	208-1	16232	16460	15554	16082	2.93	cps
Lithium	6-1	1614621	1660538	1644121	1639760	1.42	cps
Magnesium	24-2	19906	21509	19280	20232	5.68	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:38:39	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	337	320	323	327	2.70	cps
Molybdenum	94-1	8970	10163	9787	9640	6.33	cps
Molybdenum	95-1	11797	12373	12648	12273	3.54	cps
Molybdenum	96-1	13207	13607	12907	13240	2.66	cps
Molybdenum	97-1	7686	7627	7819	7711	1.28	cps
Molybdenum	98-1	19824	19957	18614	19465	3.80	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	603	487	540	543	10.75	cps
Phosphorus	31-2	75	100	8	61	77.55	cps
Potassium	39-2	18822	18696	18947	18822	0.66	cps
Rhodium	103-1	4636835	4941515	4700344	4759565	3.38	cps
Rhodium	103-2	1728412	1748637	1748012	1741687	0.66	cps
Scandium	45-1	3529041	3621522	3437753	3529439	2.60	cps
Scandium	45-2	45293	46330	46049	45890	1.17	cps
Selenium	77-2	17	3	10	10	66.70	cps
Selenium	78-2	19	15	4	12	62.48	cps
Selenium	82-1	367	455	539	453	19.00	cps
Silicon	28-1	17219152	17163795	17116270	17166405	0.30	cps
Silver	109-1	5993	6102	6010	6035	0.97	cps
Silver	107-1	6252	5885	6727	6288	6.71	cps
Sodium	23-2	59241	59768	58923	59310	0.72	cps
Strontium	86-1	2392	2484	2267	2381	4.57	cps
Strontium	88-1	12014	12765	12339	12373	3.04	cps
Sulfur	34-1	528868	530259	526224	528450	0.39	cps
Terbium	159-1	5885650	6078566	5971619	5978612	1.62	cps
Terbium	159-2	2064244	2089636	2091560	2081814	0.73	cps
Thallium	203-1	3842	3742	4101	3895	4.75	cps
Thallium	205-1	9813	9571	9254	9546	2.94	cps
Tin	118-1	17737	18747	17863	18116	3.04	cps
Titanium	47-1	3634	3709	3776	3706	1.91	cps
Uranium	238-1	11381	11306	11714	11467	1.90	cps
Vanadium	51-2	2990	2977	3150	3039	3.17	cps
Yttrium	89-1	5165333	5441398	5239620	5282117	2.70	cps
Yttrium	89-2	289580	294023	295383	292996	1.04	cps
Zinc	66-2	367	453	327	382	16.94	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:38:39	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8061	7944	7769	7925	1.85	cps
Zirconium	91-1	1775	1750	1659	1728	3.56	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	PB118300BL	Instrumnet Name :	P8
Client Sample ID :	PB118300BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:46:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	48	55	53	9.76	cps
Antimony	121-1	217	250	267	244	10.41	cps
Arsenic	75-1	803	676	655	711	11.22	cps
Barium	135-1	42	17	33	31	41.66	cps
Barium	137-1	58	17	25	33	66.14	cps
Beryllium	9-1	73	53	47	58	24.02	cps
Bismuth	209-1	3491825	3460702	3491570	3481366	0.51	cps
Bismuth	209-2	1560851	1534668	1546867	1547462	0.85	cps
Boron	10-1	783	858	542	728	22.74	cps
Boron	11-1	3509	3551	3409	3489	2.09	cps
Cadmium	111-1	998	916	861	925	7.50	cps
Cadmium	106-1	1433	1325	1250	1336	6.90	cps
Cadmium	108-1	25	17	21	21	19.99	cps
Calcium	43-1	557	523	560	547	3.71	cps
Calcium	44-1	39489	40054	39910	39818	0.74	cps
Chromium	52-2	1347	1400	1397	1381	2.16	cps
Cobalt	59-2	110	77	103	97	18.25	cps
Copper	63-2	310	453	443	402	19.90	cps
Dysprosium	156-1	50	17	8	25	88.19	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	58	42	40.00	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	108	75	67	83	26.46	cps
Gadolinium	160-2	10	13	0	8	89.21	cps
Holmium	165-1	5413558	5426671	5558333	5466187	1.46	cps
Holmium	165-2	2007649	1982219	2016542	2002137	0.89	cps
Indium	115-1	4671633	4645162	4675952	4664249	0.36	cps
Indium	115-2	389670	385166	390327	388388	0.72	cps
Iron	56-2	2456	2161	2067	2228	9.11	cps
Iron	57-2	50	94	67	70	31.91	cps
Krypton	83-1	637	583	610	610	4.37	cps
Lead	206-1	678	761	583	674	13.20	cps
Lead	207-1	594	600	544	580	5.28	cps
Lead	208-1	2761	2828	2684	2758	2.62	cps
Lithium	6-1	1609809	1578374	1611161	1599781	1.16	cps
Magnesium	24-2	333	475	392	400	17.80	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	PB118300BL	Instrumnet Name :	P8
Client Sample ID :	PB118300BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:46:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	70	30	43	53.29	cps
Molybdenum	94-1	158	142	158	153	6.30	cps
Molybdenum	95-1	117	108	125	117	7.14	cps
Molybdenum	96-1	117	100	175	131	30.17	cps
Molybdenum	97-1	67	75	50	64	19.92	cps
Molybdenum	98-1	117	150	167	144	17.63	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	40	63	57	53	22.53	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	7060	7210	7210	7160	1.21	cps
Rhodium	103-1	4607240	4627350	4707864	4647485	1.15	cps
Rhodium	103-2	1703586	1696111	1718203	1705967	0.66	cps
Scandium	45-1	3472958	3462468	3454631	3463352	0.27	cps
Scandium	45-2	46801	45393	45972	46055	1.54	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	34	33	0	22	87.18	cps
Silicon	28-1	16678957	16769332	16514929	16654406	0.77	cps
Silver	109-1	350	258	450	353	27.17	cps
Silver	107-1	358	383	358	367	3.94	cps
Sodium	23-2	14291	13874	13724	13963	2.10	cps
Strontium	86-1	1008	1075	867	983	10.82	cps
Strontium	88-1	33	50	50	44	21.66	cps
Sulfur	34-1	539571	537510	541391	539491	0.36	cps
Terbium	159-1	5776799	5788071	5755099	5773323	0.29	cps
Terbium	159-2	2043807	2019629	2032605	2032014	0.60	cps
Thallium	203-1	183	317	258	253	26.44	cps
Thallium	205-1	558	775	600	644	17.84	cps
Tin	118-1	200	392	325	306	31.84	cps
Titanium	47-1	133	100	208	147	37.69	cps
Uranium	238-1	58	25	50	44	39.04	cps
Vanadium	51-2	7	7	13	9	43.25	cps
Yttrium	89-1	5154321	5187116	5096547	5145995	0.89	cps
Yttrium	89-2	294921	290315	291841	292359	0.80	cps
Zinc	66-2	30	77	60	56	42.57	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	PB118300BL	Instrumnet Name :	P8
Client Sample ID :	PB118300BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:46:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	392	383	442	406	7.78	cps
Zirconium	91-1	75	83	125	94	28.37	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	PB118300BS	Instrumnet Name :	P8
Client Sample ID :	PB118300BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:50:10	DataFile Name :	020LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	99363	98793	97875	98677	0.76	cps
Antimony	121-1	2773039	2819125	2811859	2801341	0.88	cps
Arsenic	75-1	888842	901775	903567	898061	0.89	cps
Barium	135-1	2760632	2810365	2793601	2788199	0.91	cps
Barium	137-1	4861281	4848574	4831938	4847265	0.30	cps
Beryllium	9-1	850039	852497	860466	854334	0.64	cps
Bismuth	209-1	3482132	3566852	3438994	3495993	1.86	cps
Bismuth	209-2	1556611	1535887	1522424	1538307	1.12	cps
Boron	10-1	90837	92916	94065	92606	1.77	cps
Boron	11-1	444067	453267	457258	451531	1.50	cps
Cadmium	111-1	652792	645620	652539	650317	0.63	cps
Cadmium	106-1	66733	67010	65962	66568	0.82	cps
Cadmium	108-1	46794	46183	47108	46695	1.01	cps
Calcium	43-1	753815	754487	757929	755410	0.29	cps
Calcium	44-1	12210472	12261236	12201934	12224547	0.26	cps
Chromium	52-2	435667	428544	427146	430452	1.06	cps
Cobalt	59-2	807894	806118	798991	804334	0.59	cps
Copper	63-2	1376719	1376940	1368970	1374210	0.33	cps
Dysprosium	156-1	50	33	50	44	21.64	cps
Dysprosium	156-2	17	3	13	11	62.48	cps
Erbium	164-1	58	25	33	39	44.62	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	33	100	50	61	56.78	cps
Gadolinium	160-2	33	17	7	19	71.30	cps
Holmium	165-1	5542520	5798165	5514225	5618303	2.78	cps
Holmium	165-2	2083804	2017939	2006472	2036071	2.05	cps
Indium	115-1	4578211	4695899	4502823	4592311	2.12	cps
Indium	115-2	387621	381189	378421	382410	1.23	cps
Iron	56-2	16286825	16063440	15970788	16107018	1.01	cps
Iron	57-2	402658	402607	398261	401176	0.63	cps
Krypton	83-1	620	717	463	600	21.31	cps
Lead	206-1	1503749	1510223	1530993	1514988	0.94	cps
Lead	207-1	1365946	1362192	1394593	1374244	1.29	cps
Lead	208-1	6215424	6188279	6295747	6233150	0.90	cps
Lithium	6-1	1593101	1585651	1551790	1576847	1.40	cps
Magnesium	24-2	2032235	2010402	2014126	2018921	0.58	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	PB118300BS	Instrumnet Name :	P8
Client Sample ID :	PB118300BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:50:10	DataFile Name :	020LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	289120	287743	288754	288539	0.25	cps
Molybdenum	94-1	5113920	5015444	5137606	5088990	1.27	cps
Molybdenum	95-1	6393035	6327627	6376686	6365783	0.53	cps
Molybdenum	96-1	6940173	6842909	7049819	6944300	1.49	cps
Molybdenum	97-1	3977210	3938667	4025423	3980434	1.09	cps
Molybdenum	98-1	10194781	10078906	10215271	10162986	0.72	cps
Neodymium	150-1	147	107	120	124	16.37	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	243031	242312	242332	242558	0.17	cps
Phosphorus	31-2	8495	8945	8811	8750	2.64	cps
Potassium	39-2	602031	591876	582885	592264	1.62	cps
Rhodium	103-1	4498663	4580803	4318867	4466111	3.00	cps
Rhodium	103-2	1678959	1660166	1625380	1654835	1.64	cps
Scandium	45-1	3437199	3548400	3372170	3452589	2.58	cps
Scandium	45-2	47677	46848	45330	46618	2.55	cps
Selenium	77-2	577	533	500	537	7.16	cps
Selenium	78-2	1861	1930	1700	1830	6.44	cps
Selenium	82-1	44479	43673	45200	44451	1.72	cps
Silicon	28-1	18355979	18378564	18387343	18373962	0.09	cps
Silver	109-1	2897331	2835313	2938378	2890341	1.80	cps
Silver	107-1	3090327	3064305	3040493	3065042	0.81	cps
Sodium	23-2	4427764	4373223	4376958	4392648	0.69	cps
Strontium	86-1	853914	850706	860796	855139	0.60	cps
Strontium	88-1	7361296	7354803	7374601	7363567	0.14	cps
Sulfur	34-1	758330	747421	733302	746351	1.68	cps
Terbium	159-1	5843071	5940442	5749190	5844234	1.64	cps
Terbium	159-2	2107598	2045315	2041448	2064787	1.80	cps
Thallium	203-1	1939303	1914507	1964059	1939290	1.28	cps
Thallium	205-1	4645653	4581081	4603640	4610124	0.71	cps
Tin	118-1	1802042	1792269	1837386	1810566	1.31	cps
Titanium	47-1	1899383	1925955	1891083	1905474	0.96	cps
Uranium	238-1	5993135	6056462	6145402	6065000	1.26	cps
Vanadium	51-2	315629	308891	308557	311026	1.28	cps
Yttrium	89-1	5065145	5276553	5036128	5125942	2.56	cps
Yttrium	89-2	295221	289819	288621	291220	1.21	cps
Zinc	66-2	162138	160887	159174	160733	0.93	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	PB118300BS	Instrumnet Name :	P8
Client Sample ID :	PB118300BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:50:10	DataFile Name :	020LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4004246	4077445	4096089	4059260	1.20	cps
Zirconium	91-1	892983	897147	907914	899348	0.86	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-01	Instrumnet Name :	P8
Client Sample ID :	TAP-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:53:30	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	165	200	178	181	9.81	cps
Antimony	121-1	1717	1992	1950	1886	7.86	cps
Arsenic	75-1	1783	1868	2172	1941	10.53	cps
Barium	135-1	69985	70908	71435	70776	1.04	cps
Barium	137-1	121790	126022	128319	125377	2.64	cps
Beryllium	9-1	97	107	87	97	10.34	cps
Bismuth	209-1	3239963	3262635	3192507	3231702	1.11	cps
Bismuth	209-2	1485469	1442077	1444366	1457304	1.68	cps
Boron	10-1	11597	11697	10938	11411	3.61	cps
Boron	11-1	54872	57073	55943	55963	1.97	cps
Cadmium	111-1	857	993	900	917	7.59	cps
Cadmium	106-1	1217	1392	1275	1295	6.88	cps
Cadmium	108-1	17	21	25	21	19.99	cps
Calcium	43-1	671363	677294	685537	678064	1.05	cps
Calcium	44-1	10908907	11031256	11066684	11002282	0.75	cps
Chromium	52-2	1737	1647	1770	1718	3.71	cps
Cobalt	59-2	1333	1383	1287	1335	3.62	cps
Copper	63-2	197395	195513	200038	197649	1.15	cps
Dysprosium	156-1	17	17	33	22	43.30	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	58	25	33	39	44.62	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	42	42	58	47	20.38	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	5285724	5465457	5148374	5299852	3.00	cps
Holmium	165-2	1970273	1950140	1952180	1957531	0.57	cps
Indium	115-1	4389075	4499462	4353594	4414044	1.72	cps
Indium	115-2	383806	382936	384689	383810	0.23	cps
Iron	56-2	32316	33747	32833	32965	2.20	cps
Iron	57-2	933	839	772	848	9.55	cps
Krypton	83-1	573	597	550	573	4.07	cps
Lead	206-1	4662	4873	4573	4703	3.28	cps
Lead	207-1	4351	4101	4017	4156	4.18	cps
Lead	208-1	18934	19051	18595	18860	1.26	cps
Lithium	6-1	1507961	1575862	1545069	1542964	2.20	cps
Magnesium	24-2	360776	361197	362272	361415	0.21	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-01	Instrumnet Name :	P8
Client Sample ID :	TAP-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:53:30	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1127	1070	1087	1095	2.66	cps
Molybdenum	94-1	1142	958	950	1017	10.66	cps
Molybdenum	95-1	1492	1308	1375	1392	6.67	cps
Molybdenum	96-1	1500	1550	1433	1495	3.92	cps
Molybdenum	97-1	850	825	783	820	4.11	cps
Molybdenum	98-1	2250	2225	2134	2203	2.79	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	760	800	847	802	5.41	cps
Phosphorus	31-2	258	217	200	225	13.35	cps
Potassium	39-2	53594	55393	54598	54528	1.65	cps
Rhodium	103-1	4301831	4477634	4214885	4331450	3.09	cps
Rhodium	103-2	1655074	1647245	1655064	1652461	0.27	cps
Scandium	45-1	3298783	3406727	3307934	3337815	1.79	cps
Scandium	45-2	46564	45898	46564	46342	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	35	11	112	53	100.14	cps
Silicon	28-1	22879370	23007529	23088995	22991965	0.46	cps
Silver	109-1	792	925	925	881	8.74	cps
Silver	107-1	825	1092	1000	972	13.94	cps
Sodium	23-2	11941225	11863340	11960980	11921848	0.43	cps
Strontium	86-1	218199	216839	218854	217964	0.47	cps
Strontium	88-1	1894610	1899574	1913531	1902572	0.52	cps
Sulfur	34-1	633766	632794	634639	633733	0.15	cps
Terbium	159-1	5485395	5630960	5383734	5500030	2.26	cps
Terbium	159-2	1943251	1993756	1968453	1968487	1.28	cps
Thallium	203-1	142	150	175	156	11.15	cps
Thallium	205-1	483	342	367	397	19.04	cps
Tin	118-1	667	625	650	647	3.24	cps
Titanium	47-1	283	283	300	289	3.33	cps
Uranium	238-1	1509	1659	1925	1697	12.44	cps
Vanadium	51-2	87	73	83	81	8.56	cps
Yttrium	89-1	4955359	5071117	4917003	4981160	1.61	cps
Yttrium	89-2	288484	288818	288347	288550	0.08	cps
Zinc	66-2	41997	43432	42739	42723	1.68	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-01	Instrumnet Name :	P8
Client Sample ID :	TAP-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:53:30	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	608	967	742	772	23.45	cps
Zirconium	91-1	183	150	108	147	25.52	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:56:57	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	95	55	75	26.67	cps
Antimony	121-1	1033	1133	1317	1161	12.38	cps
Arsenic	75-1	1581	1634	1610	1609	1.65	cps
Barium	135-1	51175	50815	51903	51298	1.08	cps
Barium	137-1	89000	89016	91299	89772	1.47	cps
Beryllium	9-1	47	70	87	68	29.64	cps
Bismuth	209-1	3281963	3332949	3438216	3351043	2.38	cps
Bismuth	209-2	1541026	1531816	1521655	1531499	0.63	cps
Boron	10-1	2142	2559	2075	2259	11.60	cps
Boron	11-1	10988	11372	11205	11188	1.72	cps
Cadmium	111-1	963	997	860	940	7.61	cps
Cadmium	106-1	1375	1417	1217	1336	7.90	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	516334	517004	515091	516143	0.19	cps
Calcium	44-1	8456508	8294903	8418288	8389900	1.01	cps
Chromium	52-2	1683	1617	1790	1697	5.15	cps
Cobalt	59-2	140	97	117	118	18.41	cps
Copper	63-2	1537	1630	1553	1573	3.16	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	3	3	17	8	99.04	cps
Gadolinium	160-1	33	42	58	44	28.64	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	5433454	5534719	5503967	5490713	0.95	cps
Holmium	165-2	2074825	2087022	2048674	2070174	0.95	cps
Indium	115-1	4623708	4626747	4681655	4644037	0.70	cps
Indium	115-2	408870	406502	398990	404788	1.27	cps
Iron	56-2	2728	2934	3267	2976	9.14	cps
Iron	57-2	122	111	111	115	5.59	cps
Krypton	83-1	543	667	600	603	10.23	cps
Lead	206-1	1333	1133	1033	1167	13.09	cps
Lead	207-1	1072	978	972	1007	5.58	cps
Lead	208-1	4923	4445	4400	4589	6.31	cps
Lithium	6-1	1618054	1627015	1651564	1632211	1.06	cps
Magnesium	24-2	284797	290141	286856	287265	0.94	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:56:57	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	453	523	487	488	7.18	cps
Molybdenum	94-1	317	267	258	281	11.24	cps
Molybdenum	95-1	200	233	208	214	8.11	cps
Molybdenum	96-1	200	367	217	261	35.16	cps
Molybdenum	97-1	142	150	133	142	5.88	cps
Molybdenum	98-1	267	383	383	344	19.56	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4334	4377	4414	4375	0.92	cps
Phosphorus	31-2	58	67	100	75	29.40	cps
Potassium	39-2	52641	52181	51462	52095	1.14	cps
Rhodium	103-1	4520305	4662553	4667348	4616735	1.81	cps
Rhodium	103-2	1789124	1758055	1733927	1760368	1.57	cps
Scandium	45-1	3578335	3536853	3551283	3555490	0.59	cps
Scandium	45-2	49339	49584	48417	49113	1.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	6	4	89.21	cps
Selenium	82-1	67	-70	-7	-4	-1827.82	cps
Silicon	28-1	22659265	22806676	22753501	22739814	0.33	cps
Silver	109-1	725	858	808	797	8.45	cps
Silver	107-1	725	850	850	808	8.93	cps
Sodium	23-2	11563917	11550443	11400263	11504874	0.79	cps
Strontium	86-1	178675	177490	178942	178369	0.43	cps
Strontium	88-1	1580264	1586213	1586194	1584224	0.22	cps
Sulfur	34-1	553270	556312	564000	557861	0.99	cps
Terbium	159-1	5695426	5635130	5860000	5730185	2.03	cps
Terbium	159-2	2143453	2138383	2085601	2122479	1.51	cps
Thallium	203-1	117	117	100	111	8.66	cps
Thallium	205-1	175	300	192	222	30.54	cps
Tin	118-1	392	392	425	403	4.78	cps
Titanium	47-1	217	242	200	219	9.56	cps
Uranium	238-1	17	50	58	42	52.91	cps
Vanadium	51-2	33	17	10	20	60.08	cps
Yttrium	89-1	5222085	5204210	5289779	5238691	0.86	cps
Yttrium	89-2	311173	308000	302615	307263	1.41	cps
Zinc	66-2	4651	4608	4608	4622	0.54	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 15:56:57	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	475	350	325	383	20.96	cps
Zirconium	91-1	100	133	67	100	33.33	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02DUP	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:00:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	65	75	71	7.34	cps
Antimony	121-1	1308	1217	1233	1253	3.90	cps
Arsenic	75-1	1978	1383	1583	1648	18.36	cps
Barium	135-1	51518	51911	51091	51507	0.80	cps
Barium	137-1	90803	89008	88866	89559	1.21	cps
Beryllium	9-1	63	70	70	68	5.68	cps
Bismuth	209-1	3243806	3323418	3309650	3292291	1.29	cps
Bismuth	209-2	1546377	1492180	1526670	1521742	1.80	cps
Boron	10-1	1800	1909	1925	1878	3.61	cps
Boron	11-1	9720	8870	8861	9150	5.39	cps
Cadmium	111-1	880	951	898	910	4.02	cps
Cadmium	106-1	1258	1367	1258	1295	4.83	cps
Cadmium	108-1	25	21	17	21	19.99	cps
Calcium	43-1	518299	514899	516290	516496	0.33	cps
Calcium	44-1	8358713	8451067	8408281	8406021	0.55	cps
Chromium	52-2	1587	1777	1897	1753	8.92	cps
Cobalt	59-2	127	87	107	107	18.75	cps
Copper	63-2	1530	1440	1477	1482	3.05	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	67	50	47	44.41	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	8	42	42	31	62.99	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	5336318	5499031	5366948	5400766	1.60	cps
Holmium	165-2	2084782	2011920	2044242	2046981	1.78	cps
Indium	115-1	4560618	4624623	4551702	4578981	0.87	cps
Indium	115-2	407070	400012	404240	403774	0.88	cps
Iron	56-2	2956	2656	2839	2817	5.37	cps
Iron	57-2	139	89	94	107	25.51	cps
Krypton	83-1	577	557	517	550	5.55	cps
Lead	206-1	1011	939	972	974	3.71	cps
Lead	207-1	839	1000	878	906	9.28	cps
Lead	208-1	4156	4223	3978	4119	3.07	cps
Lithium	6-1	1583106	1631740	1623210	1612686	1.61	cps
Magnesium	24-2	286521	285274	285123	285639	0.27	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : K1806-02DUP Instrumnet Name : P8
 Client Sample ID : PURIFIED-WATERDUP Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 16:00:25 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	437	470	393	433	8.87	cps
Molybdenum	94-1	225	233	342	267	24.41	cps
Molybdenum	95-1	217	133	150	167	26.46	cps
Molybdenum	96-1	167	250	233	217	20.35	cps
Molybdenum	97-1	100	92	125	106	16.44	cps
Molybdenum	98-1	283	200	158	214	29.76	cps
Neodymium	150-1	33	0	0	11	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	4414	4411	4377	4401	0.46	cps
Phosphorus	31-2	67	42	67	58	24.74	cps
Potassium	39-2	51370	52106	52457	51978	1.07	cps
Rhodium	103-1	4437013	4600396	4473241	4503550	1.91	cps
Rhodium	103-2	1753860	1718222	1719289	1730457	1.17	cps
Scandium	45-1	3446529	3592134	3518210	3518957	2.07	cps
Scandium	45-2	48343	46875	48149	47789	1.67	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	22	42	134	66	90.32	cps
Silicon	28-1	22899935	22736308	22863097	22833113	0.38	cps
Silver	109-1	725	600	708	678	10.01	cps
Silver	107-1	708	917	783	803	13.14	cps
Sodium	23-2	11610329	11380278	11505112	11498573	1.00	cps
Strontium	86-1	179794	178564	181055	179804	0.69	cps
Strontium	88-1	1588452	1590309	1620472	1599744	1.12	cps
Sulfur	34-1	566968	565672	567390	566677	0.16	cps
Terbium	159-1	5564612	5758251	5590799	5637887	1.86	cps
Terbium	159-2	2131319	2050393	2096170	2092628	1.94	cps
Thallium	203-1	92	75	142	103	33.76	cps
Thallium	205-1	133	150	150	144	6.66	cps
Tin	118-1	450	392	333	392	14.89	cps
Titanium	47-1	342	283	183	269	29.72	cps
Uranium	238-1	50	58	67	58	14.29	cps
Vanadium	51-2	17	27	33	26	32.81	cps
Yttrium	89-1	5108902	5269398	5226454	5201585	1.60	cps
Yttrium	89-2	305052	301100	304467	303540	0.70	cps
Zinc	66-2	4714	4447	4578	4580	2.91	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02DUP	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:00:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	333	383	383	367	7.87	cps
Zirconium	91-1	92	67	67	75	19.24	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02LX5	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERL	Dilution Factor :	5
Date & Time Acquired ::	2019-03-27 16:03:53	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	68	50	50	35.00	cps
Antimony	121-1	325	375	433	378	14.35	cps
Arsenic	75-1	993	942	931	956	3.47	cps
Barium	135-1	9937	10513	10538	10330	3.29	cps
Barium	137-1	17896	18013	17829	17913	0.52	cps
Beryllium	9-1	83	67	60	70	17.17	cps
Bismuth	209-1	3553293	3586599	3587469	3575787	0.54	cps
Bismuth	209-2	1598945	1598958	1637261	1611721	1.37	cps
Boron	10-1	817	925	950	897	7.90	cps
Boron	11-1	4709	4609	4176	4498	6.31	cps
Cadmium	111-1	982	874	943	933	5.85	cps
Cadmium	106-1	1392	1242	1325	1320	5.70	cps
Cadmium	108-1	13	17	8	13	33.36	cps
Calcium	43-1	102161	102399	100603	101721	0.96	cps
Calcium	44-1	1713030	1739596	1731434	1728020	0.79	cps
Chromium	52-2	1403	1423	1473	1433	2.52	cps
Cobalt	59-2	87	73	93	84	12.07	cps
Copper	63-2	753	643	663	687	8.53	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	75	33	75	61	39.36	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	5686842	5757841	5745591	5730091	0.66	cps
Holmium	165-2	2098004	2095270	2179017	2124097	2.24	cps
Indium	115-1	4937172	4884445	4812943	4878187	1.28	cps
Indium	115-2	411636	412022	424471	416043	1.75	cps
Iron	56-2	2550	2384	2467	2467	3.38	cps
Iron	57-2	94	67	72	78	18.90	cps
Krypton	83-1	577	603	643	608	5.52	cps
Lead	206-1	722	672	761	719	6.20	cps
Lead	207-1	633	622	672	643	4.09	cps
Lead	208-1	2917	2584	2778	2759	6.07	cps
Lithium	6-1	1658655	1623886	1645997	1642846	1.07	cps
Magnesium	24-2	56555	54990	56790	56112	1.74	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02LX5	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERL	Dilution Factor :	5
Date & Time Acquired ::	2019-03-27 16:03:53	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	97	120	110	10.92	cps
Molybdenum	94-1	175	100	158	144	27.27	cps
Molybdenum	95-1	92	92	125	103	18.73	cps
Molybdenum	96-1	142	92	133	122	21.92	cps
Molybdenum	97-1	92	67	42	67	37.50	cps
Molybdenum	98-1	75	117	142	111	30.31	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	863	947	883	898	4.85	cps
Phosphorus	31-2	42	17	25	28	45.82	cps
Potassium	39-2	15776	15609	16135	15840	1.70	cps
Rhodium	103-1	4794894	4835452	4777034	4802460	0.62	cps
Rhodium	103-2	1792670	1787304	1818923	1799632	0.94	cps
Scandium	45-1	3737355	3720588	3596884	3684942	2.08	cps
Scandium	45-2	49306	48507	48958	48924	0.82	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	73	-21	-53	0	-17200.42	cps
Silicon	28-1	17788097	17798577	17887307	17824660	0.31	cps
Silver	109-1	417	417	533	456	14.79	cps
Silver	107-1	508	450	583	514	13.01	cps
Sodium	23-2	2315015	2301127	2260904	2292348	1.23	cps
Strontium	86-1	36216	36717	37185	36706	1.32	cps
Strontium	88-1	308386	307195	306081	307221	0.38	cps
Sulfur	34-1	508393	512299	508442	509711	0.44	cps
Terbium	159-1	6024124	5997598	5967133	5996285	0.48	cps
Terbium	159-2	2125852	2173706	2207127	2168895	1.88	cps
Thallium	203-1	117	108	100	108	7.69	cps
Thallium	205-1	217	250	200	222	11.46	cps
Tin	118-1	283	475	333	364	27.32	cps
Titanium	47-1	133	208	175	172	21.82	cps
Uranium	238-1	58	50	8	39	68.89	cps
Vanadium	51-2	13	10	7	10	33.30	cps
Yttrium	89-1	5425236	5463932	5383895	5424354	0.74	cps
Yttrium	89-2	310623	307698	311600	309974	0.66	cps
Zinc	66-2	1107	1007	1143	1086	6.52	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02LX5	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERL	Dilution Factor :	5
Date & Time Acquired ::	2019-03-27 16:03:53	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	367	425	483	425	13.73	cps
Zirconium	91-1	33	75	67	58	37.80	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K2108-01	Instrumnet Name :	P8
Client Sample ID :	3903130609	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:07:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	100	88	93	7.16	cps
Antimony	121-1	292	333	350	325	9.25	cps
Arsenic	75-1	2632	2648	2246	2509	9.07	cps
Barium	135-1	104157	108039	107459	106552	1.97	cps
Barium	137-1	186093	194044	185620	188586	2.51	cps
Beryllium	9-1	53	47	63	54	15.40	cps
Bismuth	209-1	3266466	3290949	3229039	3262151	0.96	cps
Bismuth	209-2	1511609	1520112	1488147	1506623	1.10	cps
Boron	10-1	4893	4984	5034	4971	1.45	cps
Boron	11-1	25073	26050	25615	25579	1.91	cps
Cadmium	111-1	837	796	768	801	4.32	cps
Cadmium	106-1	1167	1117	1075	1120	4.10	cps
Cadmium	108-1	13	21	25	19	32.73	cps
Calcium	43-1	715112	747216	745346	735891	2.45	cps
Calcium	44-1	11654615	12156711	12173602	11994976	2.46	cps
Chromium	52-2	3657	3577	3164	3466	7.64	cps
Cobalt	59-2	227	230	200	219	7.51	cps
Copper	63-2	26636	26349	27274	26753	1.77	cps
Dysprosium	156-1	50	42	75	56	31.22	cps
Dysprosium	156-2	33	30	17	27	33.06	cps
Erbium	164-1	150	92	133	125	24.04	cps
Erbium	164-2	27	30	33	30	11.10	cps
Gadolinium	160-1	108	108	117	111	4.33	cps
Gadolinium	160-2	23	37	30	30	22.23	cps
Holmium	165-1	5334238	5368110	5307989	5336779	0.56	cps
Holmium	165-2	2030418	2073510	1987014	2030314	2.13	cps
Indium	115-1	4536938	4608514	4600811	4582088	0.86	cps
Indium	115-2	403784	406621	402986	404464	0.47	cps
Iron	56-2	1147940	1155311	1155483	1152911	0.37	cps
Iron	57-2	29209	28630	28769	28869	1.05	cps
Krypton	83-1	587	490	550	542	9.00	cps
Lead	206-1	4112	3823	3873	3936	3.92	cps
Lead	207-1	3445	3690	3345	3493	5.07	cps
Lead	208-1	15738	15810	15532	15693	0.92	cps
Lithium	6-1	1541331	1553732	1556071	1550378	0.51	cps
Magnesium	24-2	706283	713660	700975	706973	0.90	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K2108-01	Instrumnet Name :	P8
Client Sample ID :	3903130609	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:07:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1167	1217	1160	1181	2.62	cps
Molybdenum	94-1	608	575	525	569	7.37	cps
Molybdenum	95-1	792	667	792	750	9.62	cps
Molybdenum	96-1	783	708	867	786	10.08	cps
Molybdenum	97-1	550	583	467	533	11.27	cps
Molybdenum	98-1	1050	1000	958	1003	4.58	cps
Neodymium	150-1	73	47	67	62	22.30	cps
Neodymium	150-2	13	17	7	12	41.65	cps
Nickel	60-2	1273	1137	1217	1209	5.68	cps
Phosphorus	31-2	8	50	50	36	66.62	cps
Potassium	39-2	37392	38980	37961	38111	2.11	cps
Rhodium	103-1	4379387	4394617	4457144	4410383	0.93	cps
Rhodium	103-2	1714191	1732707	1722423	1723107	0.54	cps
Scandium	45-1	3403759	3520691	3522670	3482373	1.96	cps
Scandium	45-2	48614	48055	48192	48287	0.60	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	4	4	6	4	24.86	cps
Selenium	82-1	100	169	43	104	61.07	cps
Silicon	28-1	40349917	41311884	41062337	40908046	1.22	cps
Silver	109-1	508	450	475	478	6.13	cps
Silver	107-1	433	583	567	528	15.58	cps
Sodium	23-2	2479305	2531323	2510027	2506885	1.04	cps
Strontium	86-1	155940	159363	154982	156761	1.47	cps
Strontium	88-1	1340876	1371752	1335282	1349303	1.46	cps
Sulfur	34-1	652823	661144	660373	658114	0.70	cps
Terbium	159-1	5530306	5587199	5553472	5556992	0.51	cps
Terbium	159-2	2065425	2057302	2071091	2064606	0.34	cps
Thallium	203-1	92	92	100	94	5.09	cps
Thallium	205-1	233	225	275	244	10.96	cps
Tin	118-1	575	758	542	625	18.67	cps
Titanium	47-1	433	342	533	436	21.98	cps
Uranium	238-1	20551	20693	20626	20624	0.34	cps
Vanadium	51-2	453	423	477	451	5.93	cps
Yttrium	89-1	5069023	5117789	4965689	5050834	1.54	cps
Yttrium	89-2	303831	307063	303526	304807	0.64	cps
Zinc	66-2	7282	7292	7145	7240	1.13	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K2108-01	Instrumnet Name :	P8
Client Sample ID :	3903130609	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:07:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	392	450	483	442	10.51	cps
Zirconium	91-1	100	67	100	89	21.65	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : K1806-02MS Instrumnet Name : P8
 Client Sample ID : PURIFIED-WATERMS Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 16:10:48 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19538	20400	20287	20075	2.33	cps
Antimony	121-1	4331668	4347164	4331869	4336900	0.20	cps
Arsenic	75-1	1450351	1478374	1467104	1465276	0.96	cps
Barium	135-1	266684	272734	273825	271081	1.42	cps
Barium	137-1	473729	476808	481720	477419	0.84	cps
Beryllium	9-1	343658	349967	347995	347207	0.93	cps
Bismuth	209-1	3167804	3236063	3158528	3187465	1.33	cps
Bismuth	209-2	1477335	1510996	1503495	1497275	1.18	cps
Boron	10-1	57968	60394	62152	60171	3.49	cps
Boron	11-1	287181	291694	299013	292629	2.04	cps
Cadmium	111-1	252836	256006	257680	255507	0.96	cps
Cadmium	106-1	24097	24849	24147	24364	1.72	cps
Cadmium	108-1	16969	17199	16857	17008	1.02	cps
Calcium	43-1	516060	522877	526270	521736	1.00	cps
Calcium	44-1	8313695	8478033	8598218	8463315	1.69	cps
Chromium	52-2	366957	369075	365492	367175	0.49	cps
Cobalt	59-2	344817	345018	342335	344057	0.43	cps
Copper	63-2	448325	447967	442991	446428	0.67	cps
Dysprosium	156-1	143532	142057	144913	143501	1.00	cps
Dysprosium	156-2	7786	7265	7119	7390	4.74	cps
Erbium	164-1	42	92	42	58	49.48	cps
Erbium	164-2	30	17	13	20	44.10	cps
Gadolinium	160-1	100	75	83	86	14.78	cps
Gadolinium	160-2	23	13	3	13	75.02	cps
Holmium	165-1	5285215	5326746	5344761	5318907	0.57	cps
Holmium	165-2	2025050	2086431	2028054	2046512	1.69	cps
Indium	115-1	4421852	4499400	4516299	4479184	1.12	cps
Indium	115-2	393290	400047	391763	395033	1.12	cps
Iron	56-2	2122691	2105090	2070685	2099488	1.26	cps
Iron	57-2	51060	51273	51624	51319	0.55	cps
Krypton	83-1	520	617	557	564	8.65	cps
Lead	206-1	2889878	2902082	2863234	2885065	0.69	cps
Lead	207-1	2557020	2577240	2616517	2583592	1.17	cps
Lead	208-1	11541555	11566605	11519526	11542562	0.20	cps
Lithium	6-1	1564562	1606243	1594313	1588373	1.35	cps
Magnesium	24-2	373443	376377	371886	373902	0.61	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02MS	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERMS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:10:48	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63226	63196	62402	62941	0.74	cps
Molybdenum	94-1	548435	554455	560718	554536	1.11	cps
Molybdenum	95-1	951073	968732	973026	964277	1.21	cps
Molybdenum	96-1	1008362	1037331	1037557	1027750	1.63	cps
Molybdenum	97-1	592776	602866	604144	599929	1.04	cps
Molybdenum	98-1	1563108	1593352	1584177	1580212	0.98	cps
Neodymium	150-1	33	13	47	31	53.94	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	261041	261020	262258	261439	0.27	cps
Phosphorus	31-2	5318	5551	5560	5476	2.51	cps
Potassium	39-2	304179	310632	304355	306389	1.20	cps
Rhodium	103-1	4402264	4474001	4540753	4472339	1.55	cps
Rhodium	103-2	1714201	1731135	1729898	1725078	0.55	cps
Scandium	45-1	3495882	3523975	3614555	3544804	1.75	cps
Scandium	45-2	48319	49634	49310	49088	1.40	cps
Selenium	77-2	2440	2314	2254	2336	4.08	cps
Selenium	78-2	7876	8008	7789	7891	1.39	cps
Selenium	82-1	178816	181801	180685	180434	0.84	cps
Silicon	28-1	26447670	26355704	26548461	26450612	0.36	cps
Silver	109-1	411191	413469	414457	413039	0.41	cps
Silver	107-1	434473	443370	442162	440002	1.10	cps
Sodium	23-2	11794435	11841560	11758898	11798298	0.35	cps
Strontium	86-1	472112	478572	476126	475603	0.69	cps
Strontium	88-1	4130598	4143943	4111499	4128680	0.39	cps
Sulfur	34-1	577967	572895	575203	575355	0.44	cps
Terbium	159-1	5556296	5568508	5588074	5570959	0.29	cps
Terbium	159-2	2083357	2072165	2081271	2078931	0.29	cps
Thallium	203-1	7033929	7115111	6983055	7044032	0.95	cps
Thallium	205-1	17001040	16701795	16819378	16840738	0.90	cps
Tin	118-1	2477373	2578031	2555079	2536828	2.08	cps
Titanium	47-1	152987	156230	159448	156222	2.07	cps
Uranium	238-1	92	108	25	75	58.80	cps
Vanadium	51-2	199131	198292	197603	198342	0.39	cps
Yttrium	89-1	5083021	5158329	5166435	5135928	0.90	cps
Yttrium	89-2	303090	309152	304696	305646	1.03	cps
Zinc	66-2	39343	39754	39904	39667	0.73	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02MS	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERMS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:10:48	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3467	2842	3201	3170	9.90	cps
Zirconium	91-1	992	1100	1192	1095	9.15	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02MSD	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:14:12	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19513	18757	19205	19159	1.98	cps
Antimony	121-1	4186367	4130516	4156148	4157677	0.67	cps
Arsenic	75-1	1405483	1402284	1420050	1409272	0.67	cps
Barium	135-1	261346	260097	260777	260740	0.24	cps
Barium	137-1	463753	456696	458377	459609	0.80	cps
Beryllium	9-1	336711	335625	334313	335550	0.36	cps
Bismuth	209-1	3123238	3085695	3051600	3086845	1.16	cps
Bismuth	209-2	1441195	1468278	1454795	1454756	0.93	cps
Boron	10-1	57767	60402	61039	59736	2.90	cps
Boron	11-1	283855	288609	290656	287707	1.21	cps
Cadmium	111-1	248598	245723	248842	247721	0.70	cps
Cadmium	106-1	24231	23655	23538	23808	1.56	cps
Cadmium	108-1	16540	16661	16369	16523	0.89	cps
Calcium	43-1	505024	504345	507863	505744	0.37	cps
Calcium	44-1	8117350	8200767	8167962	8162026	0.51	cps
Chromium	52-2	347076	344541	353666	348427	1.35	cps
Cobalt	59-2	327570	325430	327562	326854	0.38	cps
Copper	63-2	423265	423676	424263	423735	0.12	cps
Dysprosium	156-1	139051	137393	136637	137694	0.90	cps
Dysprosium	156-2	6782	6835	7052	6890	2.08	cps
Erbium	164-1	33	83	50	56	45.83	cps
Erbium	164-2	10	17	3	10	66.70	cps
Gadolinium	160-1	92	142	100	111	24.11	cps
Gadolinium	160-2	0	13	7	7	99.98	cps
Holmium	165-1	5098777	5122204	5131930	5117637	0.33	cps
Holmium	165-2	1953158	2013945	1977594	1981566	1.54	cps
Indium	115-1	4423381	4357090	4389762	4390078	0.76	cps
Indium	115-2	382114	392085	376763	383654	2.03	cps
Iron	56-2	1983049	1992675	2012800	1996175	0.76	cps
Iron	57-2	48368	48786	48931	48695	0.60	cps
Krypton	83-1	580	527	583	563	5.64	cps
Lead	206-1	2761177	2803147	2759872	2774732	0.89	cps
Lead	207-1	2488950	2478472	2483673	2483698	0.21	cps
Lead	208-1	11101819	11215233	11089723	11135592	0.62	cps
Lithium	6-1	1558550	1570706	1543963	1557739	0.86	cps
Magnesium	24-2	346835	350784	357204	351608	1.49	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02MSD	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:14:12	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	59901	59814	59774	59830	0.11	cps
Molybdenum	94-1	522133	530753	530348	527745	0.92	cps
Molybdenum	95-1	921356	930596	917619	923190	0.72	cps
Molybdenum	96-1	986138	983547	978493	982726	0.40	cps
Molybdenum	97-1	579329	574404	575445	576393	0.45	cps
Molybdenum	98-1	1521121	1514768	1517591	1517826	0.21	cps
Neodymium	150-1	13	67	33	38	71.32	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	250744	249152	251177	250358	0.43	cps
Phosphorus	31-2	5585	5743	5059	5462	6.55	cps
Potassium	39-2	295458	290941	293622	293340	0.77	cps
Rhodium	103-1	4331531	4342822	4313871	4329408	0.34	cps
Rhodium	103-2	1652191	1728752	1639648	1673530	2.88	cps
Scandium	45-1	3415784	3428730	3427647	3424054	0.21	cps
Scandium	45-2	47952	49062	47407	48140	1.75	cps
Selenium	77-2	2220	2330	2097	2216	5.27	cps
Selenium	78-2	7313	7613	7806	7577	3.28	cps
Selenium	82-1	172552	171329	173178	172353	0.55	cps
Silicon	28-1	25976070	25973412	25969669	25973050	0.01	cps
Silver	109-1	398921	396795	402738	399485	0.75	cps
Silver	107-1	423612	422477	425494	423861	0.36	cps
Sodium	23-2	11129744	11203856	11307148	11213583	0.79	cps
Strontium	86-1	458126	458243	458291	458220	0.02	cps
Strontium	88-1	4001162	3977508	4003489	3994053	0.36	cps
Sulfur	34-1	566850	561846	558575	562423	0.74	cps
Terbium	159-1	5452248	5358203	5422494	5410982	0.89	cps
Terbium	159-2	1977674	2049661	1992128	2006488	1.90	cps
Thallium	203-1	6768473	6876145	6796656	6813758	0.82	cps
Thallium	205-1	15923636	16420800	16126986	16157141	1.55	cps
Tin	118-1	2468599	2408400	2447147	2441382	1.25	cps
Titanium	47-1	146754	148513	149525	148264	0.95	cps
Uranium	238-1	75	92	58	75	22.22	cps
Vanadium	51-2	188989	188753	191634	189792	0.84	cps
Yttrium	89-1	5035537	4963695	5028784	5009339	0.79	cps
Yttrium	89-2	296141	303294	293068	297501	1.76	cps
Zinc	66-2	37802	36976	37491	37423	1.11	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02MSD	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:14:12	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2384	2100	2100	2195	7.46	cps
Zirconium	91-1	1025	875	917	939	8.25	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:17:36	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	546901	556726	555418	553015	0.96	cps
Antimony	121-1	2810916	2795558	2825597	2810690	0.53	cps
Arsenic	75-1	921141	939611	924645	928466	1.06	cps
Barium	135-1	2827930	2804161	2819923	2817338	0.43	cps
Barium	137-1	4906860	4865866	4871136	4881287	0.46	cps
Beryllium	9-1	889505	895991	891436	892310	0.37	cps
Bismuth	209-1	3259733	3322849	3245872	3276151	1.25	cps
Bismuth	209-2	1507088	1528182	1524342	1519871	0.74	cps
Boron	10-1	98302	98403	99159	98621	0.47	cps
Boron	11-1	479483	485476	487502	484154	0.86	cps
Cadmium	111-1	644321	651264	653560	649715	0.74	cps
Cadmium	106-1	66824	67411	69153	67796	1.79	cps
Cadmium	108-1	45288	47358	46071	46239	2.26	cps
Calcium	43-1	3821340	3863769	3840897	3842002	0.55	cps
Calcium	44-1	62539194	62262191	62194009	62331798	0.29	cps
Chromium	52-2	446931	454770	451593	451098	0.87	cps
Cobalt	59-2	821315	844049	831581	832315	1.37	cps
Copper	63-2	1360421	1375512	1372936	1369623	0.59	cps
Dysprosium	156-1	75	42	142	86	59.13	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	58	67	58	61	7.87	cps
Gadolinium	160-2	17	47	10	24	79.90	cps
Holmium	165-1	5565736	5572675	5436630	5525014	1.39	cps
Holmium	165-2	2082743	2123687	2050524	2085651	1.76	cps
Indium	115-1	4603790	4665637	4461657	4577028	2.29	cps
Indium	115-2	389444	391898	390719	390687	0.31	cps
Iron	56-2	81739271	84295766	83341605	83125547	1.55	cps
Iron	57-2	2102772	2164000	2116708	2127827	1.51	cps
Krypton	83-1	570	597	523	563	6.59	cps
Lead	206-1	1447410	1462652	1454800	1454954	0.52	cps
Lead	207-1	1302586	1315761	1317551	1311966	0.62	cps
Lead	208-1	5932294	5952060	5958772	5947708	0.23	cps
Lithium	6-1	1625086	1625817	1579322	1610075	1.65	cps
Magnesium	24-2	9867178	10080106	9992808	9980031	1.07	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:17:36	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	300358	304717	302273	302450	0.72	cps
Molybdenum	94-1	5215611	5230796	5219818	5222075	0.15	cps
Molybdenum	95-1	6502362	6581243	6472826	6518810	0.86	cps
Molybdenum	96-1	7073944	7240992	7096473	7137136	1.27	cps
Molybdenum	97-1	4020997	4113373	4106886	4080419	1.26	cps
Molybdenum	98-1	10417518	10533602	10377730	10442950	0.78	cps
Neodymium	150-1	187	193	220	200	8.82	cps
Neodymium	150-2	3	20	10	11	75.52	cps
Nickel	60-2	244236	247548	249398	247061	1.06	cps
Phosphorus	31-2	8811	9045	8786	8881	1.61	cps
Potassium	39-2	3108375	3167563	3136250	3137396	0.94	cps
Rhodium	103-1	4484595	4546139	4369924	4466886	2.00	cps
Rhodium	103-2	1682815	1709979	1690772	1694522	0.82	cps
Scandium	45-1	3613455	3651312	3519037	3594601	1.90	cps
Scandium	45-2	48999	49026	48647	48890	0.43	cps
Selenium	77-2	617	593	613	608	2.08	cps
Selenium	78-2	1902	1943	1882	1909	1.63	cps
Selenium	82-1	44939	46133	45494	45522	1.31	cps
Silicon	28-1	18850245	18823811	18993458	18889171	0.48	cps
Silver	109-1	2846724	2912713	2865628	2875021	1.18	cps
Silver	107-1	3065002	3067777	3039383	3057387	0.51	cps
Sodium	23-2	21877211	22355304	22201297	22144604	1.10	cps
Strontium	86-1	879143	887618	885769	884177	0.50	cps
Strontium	88-1	7593318	7609730	7634962	7612670	0.28	cps
Sulfur	34-1	795610	798820	794434	796288	0.29	cps
Terbium	159-1	5773593	5835968	5713986	5774516	1.06	cps
Terbium	159-2	2088921	2148056	2139103	2125360	1.50	cps
Thallium	203-1	1874936	1875220	1874045	1874734	0.03	cps
Thallium	205-1	4464220	4402363	4361851	4409478	1.17	cps
Tin	118-1	1821662	1831260	1842507	1831810	0.57	cps
Titanium	47-1	2000709	2006406	2013655	2006924	0.32	cps
Uranium	238-1	5825407	5847189	5946092	5872896	1.10	cps
Vanadium	51-2	323309	330558	330283	328050	1.25	cps
Yttrium	89-1	5259409	5387221	5132268	5259633	2.42	cps
Yttrium	89-2	302109	303616	302725	302817	0.25	cps
Zinc	66-2	162095	165744	166220	164686	1.37	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:17:36	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4164833	4262842	4234283	4220652	1.19	cps
Zirconium	91-1	920277	941979	930373	930876	1.17	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : CCB49 Instrumnet Name : P8
 Client Sample ID : CCB49 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 16:27:34 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38	50	78	55	37.21	cps
Antimony	121-1	550	850	975	792	27.59	cps
Arsenic	75-1	733	804	748	762	4.93	cps
Barium	135-1	8	17	8	11	43.34	cps
Barium	137-1	92	50	25	56	60.62	cps
Beryllium	9-1	67	93	77	79	17.08	cps
Bismuth	209-1	3451485	3466832	3525166	3481161	1.12	cps
Bismuth	209-2	1526384	1594467	1593544	1571465	2.48	cps
Boron	10-1	1158	1200	1250	1203	3.82	cps
Boron	11-1	5426	5043	5326	5265	3.78	cps
Cadmium	111-1	1076	984	871	977	10.54	cps
Cadmium	106-1	1542	1408	1242	1397	10.76	cps
Cadmium	108-1	17	21	4	14	62.43	cps
Calcium	43-1	580	543	490	538	8.42	cps
Calcium	44-1	41465	41682	40933	41360	0.93	cps
Chromium	52-2	1293	1263	1307	1288	1.72	cps
Cobalt	59-2	90	93	77	87	10.18	cps
Copper	63-2	377	370	407	384	5.08	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	8	58	33	75.02	cps
Erbium	164-2	10	0	17	9	94.38	cps
Gadolinium	160-1	75	8	75	53	72.93	cps
Gadolinium	160-2	3	17	7	9	78.08	cps
Holmium	165-1	5436642	5492679	5602863	5510728	1.53	cps
Holmium	165-2	2020083	2090685	2096258	2069009	2.05	cps
Indium	115-1	4688288	4741748	4789772	4739936	1.07	cps
Indium	115-2	393604	406571	407761	402645	1.95	cps
Iron	56-2	2350	2150	2595	2365	9.41	cps
Iron	57-2	100	78	56	78	28.57	cps
Krypton	83-1	587	677	607	623	7.58	cps
Lead	206-1	1200	1100	1189	1163	4.71	cps
Lead	207-1	1128	1133	945	1069	10.06	cps
Lead	208-1	5039	4523	4545	4702	6.21	cps
Lithium	6-1	1586917	1586413	1607728	1593686	0.76	cps
Magnesium	24-2	392	350	383	375	5.88	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P8
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:27:34	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	17	30	38	68.53	cps
Molybdenum	94-1	367	225	267	286	25.45	cps
Molybdenum	95-1	100	167	225	164	38.16	cps
Molybdenum	96-1	267	217	250	244	10.41	cps
Molybdenum	97-1	133	125	100	119	14.53	cps
Molybdenum	98-1	217	317	308	281	19.78	cps
Neodymium	150-1	7	40	7	18	108.23	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	73	63	59	29.05	cps
Phosphorus	31-2	42	17	25	28	45.82	cps
Potassium	39-2	7969	7444	7644	7686	3.45	cps
Rhodium	103-1	4684511	4770866	4763166	4739515	1.01	cps
Rhodium	103-2	1691863	1760693	1767493	1740016	2.40	cps
Scandium	45-1	3487490	3570301	3612858	3556883	1.79	cps
Scandium	45-2	44724	47263	47728	46572	3.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	63	-21	-9	11	419.15	cps
Silicon	28-1	17371956	17257455	17321102	17316838	0.33	cps
Silver	109-1	417	342	367	375	10.18	cps
Silver	107-1	492	425	592	503	16.68	cps
Sodium	23-2	16076	15843	15951	15957	0.73	cps
Strontium	86-1	867	933	883	895	3.88	cps
Strontium	88-1	117	58	75	83	36.05	cps
Sulfur	34-1	587804	573670	560694	574056	2.36	cps
Terbium	159-1	5693555	5807232	5824664	5775150	1.23	cps
Terbium	159-2	2035915	2105983	2103367	2081755	1.91	cps
Thallium	203-1	267	342	183	264	30.02	cps
Thallium	205-1	567	675	567	603	10.38	cps
Tin	118-1	408	458	542	469	14.35	cps
Titanium	47-1	167	150	200	172	14.78	cps
Uranium	238-1	58	42	33	44	28.65	cps
Vanadium	51-2	3	10	10	8	49.52	cps
Yttrium	89-1	5191324	5271242	5276472	5246346	0.91	cps
Yttrium	89-2	291248	304113	303055	299472	2.38	cps
Zinc	66-2	63	80	63	69	13.97	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P8
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:27:34	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	525	442	475	481	8.73	cps
Zirconium	91-1	92	92	75	86	11.18	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02A	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERA	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:31:03	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20002	19433	20628	20021	2.98	cps
Antimony	121-1	4268974	4417208	4468569	4384917	2.36	cps
Arsenic	75-1	1431646	1476100	1506870	1471539	2.57	cps
Barium	135-1	266206	275505	277868	273193	2.26	cps
Barium	137-1	470612	483873	485810	480098	1.72	cps
Beryllium	9-1	342377	351910	355708	349998	1.96	cps
Bismuth	209-1	3302023	3379941	3458520	3380161	2.31	cps
Bismuth	209-2	1638122	1681692	1303821	1541212	13.41	cps
Boron	10-1	56269	59340	62093	59234	4.92	cps
Boron	11-1	276535	292527	300248	289770	4.17	cps
Cadmium	111-1	252043	256542	260856	256480	1.72	cps
Cadmium	106-1	23530	24473	24732	24245	2.61	cps
Cadmium	108-1	16402	17274	17562	17079	3.54	cps
Calcium	43-1	500436	517397	520630	512821	2.12	cps
Calcium	44-1	8105399	8328455	8422736	8285530	1.97	cps
Chromium	52-2	354361	354824	362362	357182	1.26	cps
Cobalt	59-2	334843	334639	339326	336269	0.79	cps
Copper	63-2	436158	432875	440142	436392	0.83	cps
Dysprosium	156-1	139455	146632	147957	144681	3.16	cps
Dysprosium	156-2	7592	7366	7379	7446	1.71	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	117	50	133	100	44.10	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	5435380	5453229	5631446	5506685	1.97	cps
Holmium	165-2	2221646	2239259	1693653	2051519	15.11	cps
Indium	115-1	4535697	4610365	4661023	4602362	1.37	cps
Indium	115-2	415001	421138	324388	386842	14.00	cps
Iron	56-2	2077790	2040341	2089112	2069081	1.23	cps
Iron	57-2	49310	49288	49795	49464	0.58	cps
Krypton	83-1	513	590	640	581	10.98	cps
Lead	206-1	2911061	2997963	3034551	2981192	2.13	cps
Lead	207-1	2598348	2733024	2711571	2680981	2.70	cps
Lead	208-1	11682727	12209747	12255540	12049338	2.64	cps
Lithium	6-1	1557927	1601505	1616119	1591850	1.90	cps
Magnesium	24-2	367415	352583	363336	361111	2.12	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02A	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERA	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:31:03	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	61170	60597	62017	61261	1.17	cps
Molybdenum	94-1	539267	557125	566234	554209	2.48	cps
Molybdenum	95-1	956761	970922	986584	971423	1.54	cps
Molybdenum	96-1	1017910	1041185	1042419	1033838	1.34	cps
Molybdenum	97-1	591530	612014	609169	604238	1.84	cps
Molybdenum	98-1	1554222	1608191	1598867	1587093	1.82	cps
Neodymium	150-1	53	27	20	33	52.92	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	253896	255233	257040	255390	0.62	cps
Phosphorus	31-2	5685	5701	5101	5496	6.22	cps
Potassium	39-2	298052	292455	299048	296518	1.20	cps
Rhodium	103-1	4463640	4566587	4634363	4554863	1.89	cps
Rhodium	103-2	1790107	1836820	1424776	1683901	13.40	cps
Scandium	45-1	3465249	3581149	3555990	3534129	1.73	cps
Scandium	45-2	50283	51083	39433	46933	13.87	cps
Selenium	77-2	2137	2230	2287	2218	3.42	cps
Selenium	78-2	7902	7478	7741	7707	2.78	cps
Selenium	82-1	174791	181645	181690	179375	2.21	cps
Silicon	28-1	26671622	26771258	26968714	26803865	0.56	cps
Silver	109-1	408802	417036	424045	416628	1.83	cps
Silver	107-1	430532	443482	447869	440628	2.05	cps
Sodium	23-2	11472082	11281618	11543280	11432327	1.18	cps
Strontium	86-1	461782	476379	476913	471691	1.82	cps
Strontium	88-1	4022898	4105625	4163621	4097381	1.73	cps
Sulfur	34-1	606974	597218	589635	597942	1.45	cps
Terbium	159-1	5586838	5728573	5809464	5708292	1.97	cps
Terbium	159-2	2226472	2282310	1750990	2086590	13.99	cps
Thallium	203-1	7118352	7398961	7515511	7344275	2.78	cps
Thallium	205-1	16822059	17655717	17939300	17472359	3.32	cps
Tin	118-1	2504388	2584391	2590921	2559900	1.88	cps
Titanium	47-1	152294	154336	157518	154716	1.70	cps
Uranium	238-1	58	100	83	81	26.03	cps
Vanadium	51-2	194493	193850	196625	194990	0.74	cps
Yttrium	89-1	5095475	5199591	5289007	5194691	1.86	cps
Yttrium	89-2	315150	325423	252217	297596	13.32	cps
Zinc	66-2	39018	37865	39242	38709	1.91	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	K1806-02A	Instrumnet Name :	P8
Client Sample ID :	PURIFIED-WATERA	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:31:03	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3684	3259	3276	3406	7.07	cps
Zirconium	91-1	1183	1067	1258	1170	8.26	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:37:55	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	566355	562327	556357	561680	0.90	cps
Antimony	121-1	2846781	2921698	2944322	2904267	1.76	cps
Arsenic	75-1	919850	950080	951174	940368	1.89	cps
Barium	135-1	2832298	2932734	2973046	2912693	2.49	cps
Barium	137-1	4925936	5085592	5112496	5041341	2.00	cps
Beryllium	9-1	903634	937202	927196	922678	1.87	cps
Bismuth	209-1	3372743	3438367	3526106	3445739	2.23	cps
Bismuth	209-2	1597481	1580436	1572883	1583600	0.80	cps
Boron	10-1	95902	100072	101214	99063	2.82	cps
Boron	11-1	471838	495765	500591	489398	3.15	cps
Cadmium	111-1	655422	668137	677026	666862	1.63	cps
Cadmium	106-1	69664	68994	69003	69220	0.55	cps
Cadmium	108-1	46689	48023	49428	48047	2.85	cps
Calcium	43-1	3802828	3902968	3883812	3863203	1.38	cps
Calcium	44-1	61614234	63418456	63577184	62869958	1.73	cps
Chromium	52-2	457426	455782	448381	453863	1.06	cps
Cobalt	59-2	848262	839914	840170	842782	0.56	cps
Copper	63-2	1412727	1393908	1377064	1394566	1.28	cps
Dysprosium	156-1	58	75	58	64	15.05	cps
Dysprosium	156-2	27	13	10	17	52.93	cps
Erbium	164-1	50	33	67	50	33.34	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	58	42	50	50	16.67	cps
Gadolinium	160-2	30	13	30	24	39.37	cps
Holmium	165-1	5628281	5692043	5829957	5716760	1.80	cps
Holmium	165-2	2183813	2160603	2117422	2153946	1.56	cps
Indium	115-1	4619631	4655479	4712655	4662588	1.01	cps
Indium	115-2	406465	391664	392546	396892	2.09	cps
Iron	56-2	85304885	83703874	83568491	84192417	1.15	cps
Iron	57-2	2163774	2138840	2134198	2145604	0.74	cps
Krypton	83-1	537	557	583	559	4.19	cps
Lead	206-1	1485509	1552414	1570176	1536033	2.91	cps
Lead	207-1	1357871	1413759	1414111	1395247	2.32	cps
Lead	208-1	6182252	6443735	6451522	6359170	2.41	cps
Lithium	6-1	1600689	1612838	1649443	1620990	1.57	cps
Magnesium	24-2	10408018	10204447	10083137	10231867	1.60	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:37:55	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	308930	304142	301625	304899	1.22	cps
Molybdenum	94-1	5287729	5409968	5395279	5364325	1.24	cps
Molybdenum	95-1	6583606	6781886	6734033	6699842	1.54	cps
Molybdenum	96-1	7229968	7477313	7455324	7387535	1.85	cps
Molybdenum	97-1	4112860	4288896	4281523	4227760	2.36	cps
Molybdenum	98-1	10483509	10948758	10947556	10793274	2.49	cps
Neodymium	150-1	167	187	193	182	7.62	cps
Neodymium	150-2	17	10	23	17	39.99	cps
Nickel	60-2	254946	252858	249602	252469	1.07	cps
Phosphorus	31-2	9237	9379	9028	9214	1.91	cps
Potassium	39-2	3205545	3133442	3088764	3142584	1.88	cps
Rhodium	103-1	4456479	4545970	4627202	4543217	1.88	cps
Rhodium	103-2	1752591	1685906	1697758	1712085	2.08	cps
Scandium	45-1	3563282	3586718	3680513	3610171	1.72	cps
Scandium	45-2	50336	48390	47744	48823	2.76	cps
Selenium	77-2	657	563	627	616	7.74	cps
Selenium	78-2	1976	1913	1996	1962	2.21	cps
Selenium	82-1	45618	47065	47142	46608	1.84	cps
Silicon	28-1	19267813	19428970	19558192	19418325	0.75	cps
Silver	109-1	2925042	2976076	3014760	2971959	1.51	cps
Silver	107-1	3078454	3176010	3185816	3146760	1.89	cps
Sodium	23-2	22866379	22261996	22123114	22417163	1.76	cps
Strontium	86-1	881746	917787	914344	904626	2.20	cps
Strontium	88-1	7705403	7957653	7855916	7839657	1.62	cps
Sulfur	34-1	807271	810003	802749	806674	0.45	cps
Terbium	159-1	5929433	5947326	6099610	5992123	1.56	cps
Terbium	159-2	2232616	2140385	2154157	2175719	2.29	cps
Thallium	203-1	1929704	1991266	1993989	1971653	1.84	cps
Thallium	205-1	4574688	4751252	4764656	4696865	2.26	cps
Tin	118-1	1836212	1907722	1889751	1877895	1.98	cps
Titanium	47-1	1982591	2076701	2084789	2048027	2.77	cps
Uranium	238-1	6117738	6408960	6349243	6291980	2.44	cps
Vanadium	51-2	331656	331784	330237	331226	0.26	cps
Yttrium	89-1	5260741	5380297	5361851	5334297	1.21	cps
Yttrium	89-2	311649	303365	300694	305236	1.87	cps
Zinc	66-2	168263	168057	166647	167656	0.52	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:37:55	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4264852	4391574	4339328	4331918	1.47	cps
Zirconium	91-1	929883	961932	964519	952111	2.03	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : CCB50 Instrumnet Name : P8
 Client Sample ID : CCB50 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 16:50:53 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	45	43	48	13.92	cps
Antimony	121-1	558	958	708	742	27.25	cps
Arsenic	75-1	774	693	727	731	5.62	cps
Barium	135-1	83	42	17	47	71.32	cps
Barium	137-1	42	67	25	44	47.19	cps
Beryllium	9-1	83	77	93	84	9.94	cps
Bismuth	209-1	3529612	3477523	3321863	3442999	3.14	cps
Bismuth	209-2	1563649	1588824	1597489	1583321	1.11	cps
Boron	10-1	683	608	725	672	8.80	cps
Boron	11-1	3742	3509	3801	3684	4.19	cps
Cadmium	111-1	781	998	888	889	12.21	cps
Cadmium	106-1	1117	1417	1258	1264	11.87	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	700	523	560	594	15.68	cps
Calcium	44-1	39920	40398	39927	40082	0.68	cps
Chromium	52-2	1243	1217	1317	1259	4.11	cps
Cobalt	59-2	97	110	120	109	10.75	cps
Copper	63-2	363	347	400	370	7.37	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	42	75	33	50	44.10	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	5615234	5522922	5209735	5449297	3.90	cps
Holmium	165-2	2041258	2103943	2083893	2076365	1.54	cps
Indium	115-1	4720423	4760381	4451037	4643947	3.62	cps
Indium	115-2	397588	403755	413611	404985	2.00	cps
Iron	56-2	2261	2411	2245	2306	3.98	cps
Iron	57-2	56	89	50	65	32.45	cps
Krypton	83-1	590	593	657	613	6.12	cps
Lead	206-1	833	911	778	841	7.97	cps
Lead	207-1	783	800	728	770	4.91	cps
Lead	208-1	3589	3584	3239	3471	5.78	cps
Lithium	6-1	1633821	1642736	1534379	1603645	3.75	cps
Magnesium	24-2	458	500	400	453	11.09	cps

LB Number : LB101679 Operator : Jaswal
 Lab Sample ID : CCB50 Instrumnet Name : P8
 Client Sample ID : CCB50 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-27 16:50:53 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	37	50	38	30.98	cps
Molybdenum	94-1	183	250	258	231	17.83	cps
Molybdenum	95-1	233	208	158	200	19.10	cps
Molybdenum	96-1	242	275	167	228	24.36	cps
Molybdenum	97-1	83	58	108	83	30.00	cps
Molybdenum	98-1	208	325	300	278	22.11	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	57	60	59	3.26	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	7427	7469	7219	7372	1.82	cps
Rhodium	103-1	4730625	4760642	4529219	4673495	2.69	cps
Rhodium	103-2	1736841	1775298	1771105	1761081	1.20	cps
Scandium	45-1	3532495	3543744	3361927	3479388	2.93	cps
Scandium	45-2	46701	47677	48055	47478	1.47	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	66	-4	-36	8	611.60	cps
Silicon	28-1	17348156	17319876	17488909	17385647	0.52	cps
Silver	109-1	383	300	300	328	14.68	cps
Silver	107-1	342	408	500	417	19.08	cps
Sodium	23-2	14274	14374	14249	14299	0.46	cps
Strontium	86-1	808	833	975	872	10.31	cps
Strontium	88-1	83	100	67	83	20.00	cps
Sulfur	34-1	563241	556059	560411	559904	0.65	cps
Terbium	159-1	5806926	5817573	5529190	5717896	2.86	cps
Terbium	159-2	2066547	2138395	2148348	2117763	2.11	cps
Thallium	203-1	242	192	133	189	28.70	cps
Thallium	205-1	475	617	475	522	15.66	cps
Tin	118-1	500	475	475	483	2.99	cps
Titanium	47-1	117	150	142	136	12.75	cps
Uranium	238-1	42	92	58	64	39.85	cps
Vanadium	51-2	10	10	0	7	86.60	cps
Yttrium	89-1	5208228	5242916	4920640	5123928	3.45	cps
Yttrium	89-2	296495	301707	301632	299945	1.00	cps
Zinc	66-2	63	37	53	51	26.35	cps

LB Number :	LB101679	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2019-03-27 16:50:53	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	533	342	425	433	22.18	cps
Zirconium	91-1	100	133	117	117	14.29	cps