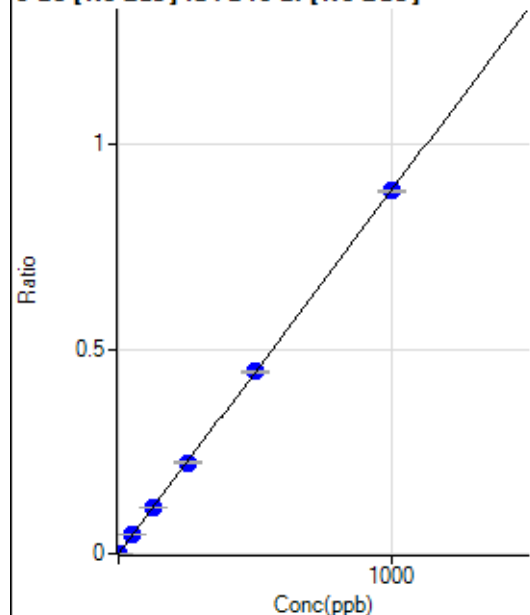


Batch Folder: D:\P8041918 -MS.b\
Analysis File: P8041918 -MS.batch.bin
DA Date-Time: 2018-04-20 00:26:16
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-04-19 16:23:54
2			
3	005CALS.d	S02	2018-04-19 16:31:26
4	006CALS.d	S03	2018-04-19 16:35:12
5	007CALS.d	S04	2018-04-19 16:38:59
6	008CALS.d	S05	2018-04-19 16:42:40
7	009CALS.d	S06	2018-04-19 16:46:15
8	010CALS.d	S07	2018-04-19 16:49:47
9	011CALS.d	S08	2018-04-19 16:53:15

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.59	0.0001	P	7.2
2	☐	0.100					
3	☐	1.000	1.024	870.43	0.0010	P	7.0
4	☐	50.000	50.664	38734.21	0.0451	P	0.5
5	☐	125.000	126.768	96704.20	0.1127	P	0.7
6	☐	250.000	251.226	189878.36	0.2233	P	1.2
7	☐	500.000	501.696	375929.83	0.4458	P	1.1
8	☐	1000.000	998.591	741253.15	0.8872	P	0.9
9	☐			738.93	0.0009	P	4.8

$$y = 8.8836E-004 * x + 1.0939E-004$$

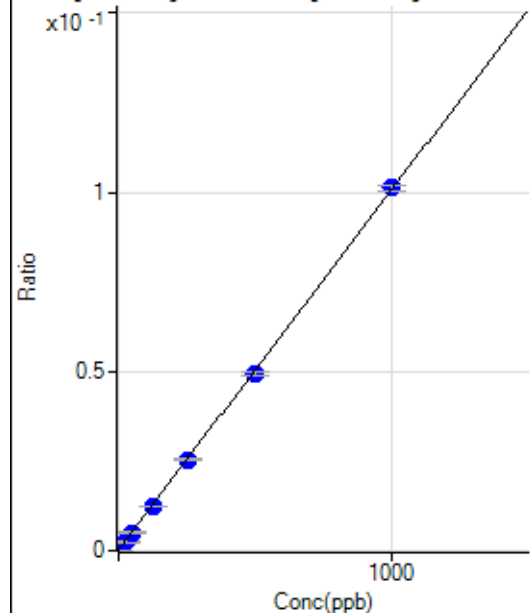
$$R = 1.0000$$

$$DL = 0.02647$$

$$BEC = 0.1231$$

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	158.34	0.0002	P	23.6
2	☐	2.500					
3	☐	25.000	22.946	2128.03	0.0025	P	7.4
4	☐	50.000	46.867	4203.61	0.0049	P	8.7
5	☐	125.000	121.830	10659.99	0.0124	P	2.1
6	☐	250.000	249.548	21477.92	0.0253	P	1.9
7	☐	500.000	490.444	41708.85	0.0495	P	2.0
8	☐	1000.000	1005.495	84546.30	0.1012	P	1.9
9	☐			3928.50	0.0047	P	10.5

$$y = 1.0046E-004 * x + 1.8728E-004$$

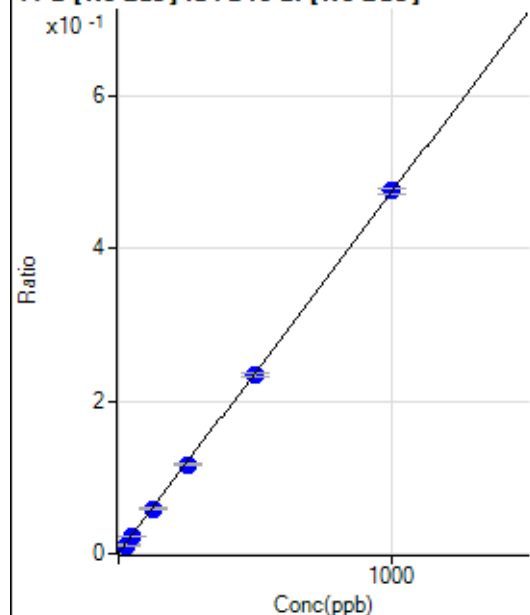
$$R = 0.9999$$

$$DL = 1.32$$

$$BEC = 1.864$$

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	819.50	0.0010	P	6.0
2	☐	2.500					
3	☐	25.000	21.914	9662.02	0.0113	P	4.4
4	☐	50.000	47.489	20081.43	0.0234	P	2.0
5	☐	125.000	122.283	50364.19	0.0587	P	1.8
6	☐	250.000	245.575	99429.64	0.1169	P	2.8
7	☐	500.000	495.345	198060.64	0.2349	P	1.8
8	☐	1000.000	1003.976	396873.57	0.4750	P	1.6
9	☐			18365.17	0.0219	P	6.9

$$y = 4.7218\text{E-}004 * x + 9.6787\text{E-}004$$

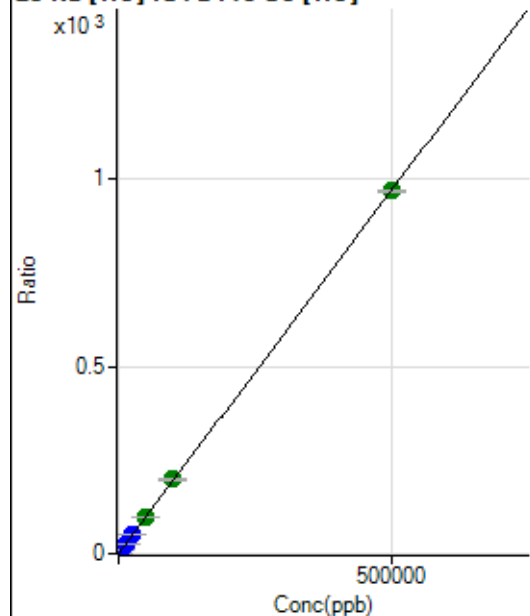
$$R = 1.0000$$

$$DL = 0.3717$$

$$BEC = 2.05$$

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	3189.39	0.1735	P	1.0
2	☐	50.000					
3	☐	500.000	482.478	20532.22	1.1090	P	4.1
4	☐	5000.000	5114.232	188987.70	10.0895	P	0.8
5	☐	12500.000	13281.335	464458.28	25.9246	P	3.5
6	☐	25000.000	26358.103	918594.17	51.2791	P	0.5
7	☐	50000.000	50458.543	1816126.54	98.0074	A	2.3
8	☐	100000.00	102344.14	3621430.11	198.6082	A	2.3
9	☐	500000.00	499396.75	18623955.97	968.4521	A	0.6

$$y = 0.0019 * x + 0.1735$$

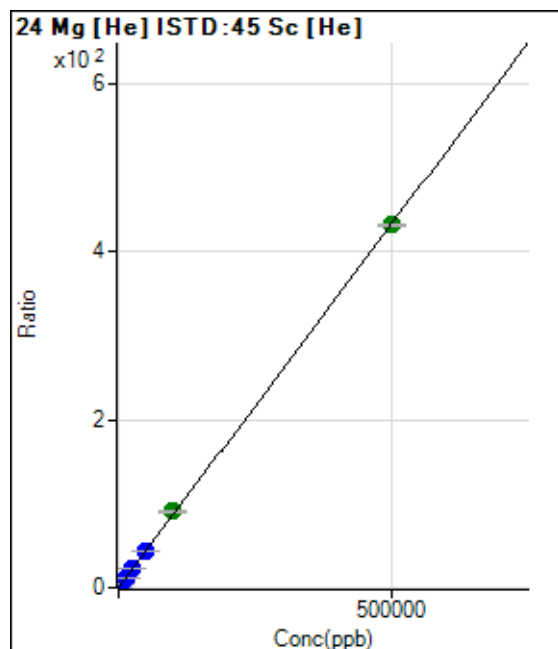
$$R = 1.0000$$

$$DL = 2.775$$

$$BEC = 89.48$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	369.46	0.0201	P	15.8
2	☐	50.000					
3	☐	500.000	475.225	7985.93	0.4311	P	3.9
4	☐	5000.000	5141.112	83674.30	4.4671	P	0.9
5	☐	12500.000	13297.549	206475.19	11.5224	P	2.4
6	☐	25000.000	26292.287	407765.87	22.7627	P	0.4
7	☐	50000.000	50217.046	805342.54	43.4574	P	1.9
8	☐	100000.00	104655.30	1651138.63	90.5461	A	1.7
9	☐	500000.00	498961.29	8300561.21	431.6178	A	0.7

$$y = 8.6499\text{E-}004 * x + 0.0201$$

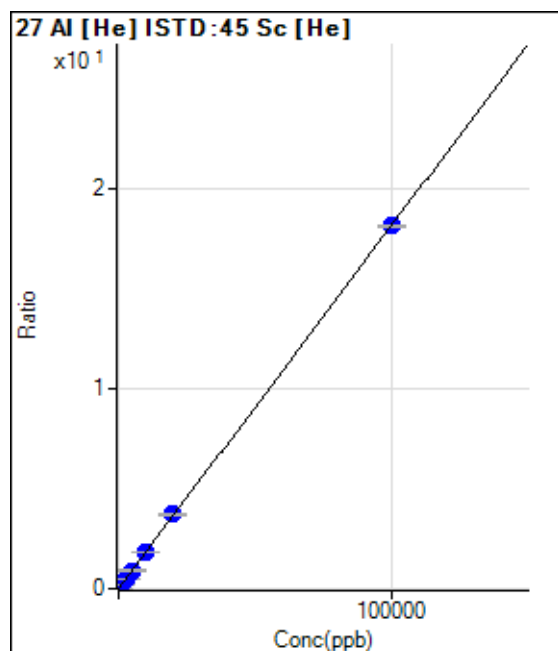
$$R = 1.0000$$

$$DL = 11$$

$$BEC = 23.21$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0011	P	109.1
2	☐	2.000					
3	☐	20.000	19.830	86.12	0.0047	P	49.8
4	☐	1000.000	951.415	3250.53	0.1736	P	8.1
5	☐	2500.000	2539.442	8272.22	0.4615	P	1.8
6	☐	5000.000	5001.538	16262.65	0.9078	P	5.2
7	☐	10000.000	9935.550	33406.94	1.8023	P	0.8
8	☐	20000.000	20498.613	67773.68	3.7174	P	3.9
9	☐	100000.00	99906.145	348348.98	18.1135	P	0.4

$$y = 1.8129\text{E-}004 * x + 0.0011$$

$$R = 1.0000$$

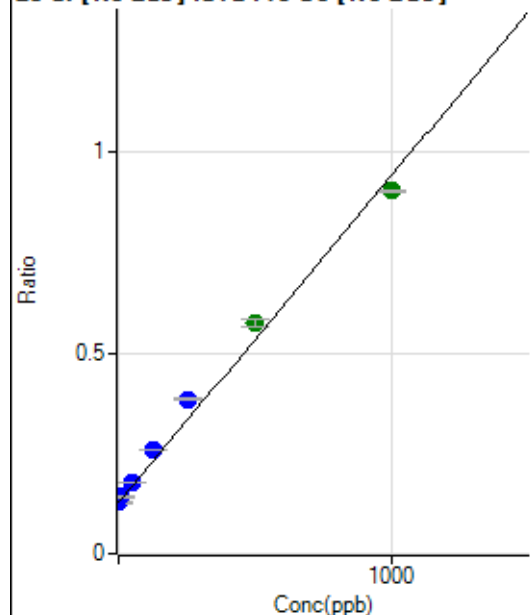
$$DL = 19.33$$

$$BEC = 5.906$$

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	333829.36	0.1270	P	0.5
2	☐	1.000					
3	☐	10.000	17.902	372719.91	0.1416	P	0.8
4	☐	50.000	63.949	476310.09	0.1791	P	0.2
5	☐	125.000	160.161	682594.13	0.2575	P	0.7
6	☐	250.000	316.310	1018250.77	0.3848	P	0.7
7	☐	500.000	550.441	1521363.88	0.5757	A	3.2
8	☐	1000.000	953.031	2434762.04	0.9039	A	0.7
9	☐			570133.95	0.2128	P	1.2

$$y = 8.1522\text{E-}004 * x + 0.1270$$

$$R = 0.9954$$

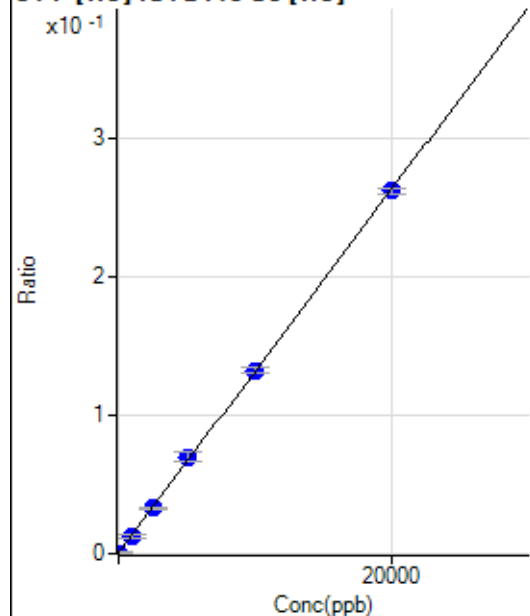
$$DL = 2.482$$

$$BEC = 155.7$$

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	-5.411	8.33	0.0005	P	99.0
2	☐	0.000					
3	☐	0.000	5.411	11.11	0.0006	P	173.2
4	☐	1000.000	895.991	230.57	0.0123	P	21.6
5	☐	2500.000	2449.553	586.15	0.0327	P	8.1
6	☐	5000.000	5279.341	1252.90	0.0699	P	8.9
7	☐	10000.000	10051.797	2458.67	0.1327	P	2.3
8	☐	20000.000	19915.772	4784.37	0.2624	P	1.8
9	☐			0.00	0.0000	P	

$$y = 1.3147\text{E-}005 * x + 5.2509\text{E-}004$$

$$R = 0.9998$$

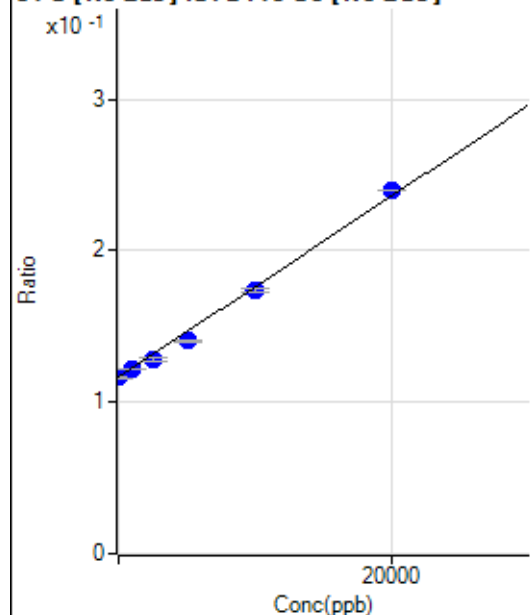
$$DL = 169.1$$

$$BEC = 39.94$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	3.348	306613.45	0.1166	P	0.3
2	☐	0.000					
3	☐	0.000	-3.348	306928.15	0.1166	P	0.9
4	☐	1000.000	956.359	325287.53	0.1223	P	0.2
5	☐	2500.000	1957.588	340066.99	0.1283	P	1.6
6	☐	5000.000	4012.860	371995.31	0.1406	P	0.7
7	☐	10000.000	9539.737	458899.50	0.1736	P	1.3
8	☐	20000.000	20546.900	645002.50	0.2395	P	0.1
9	☐			284503.56	0.1062	P	1.2

$$y = 5.9796E-006 * x + 0.1166$$

$$R = 0.9981$$

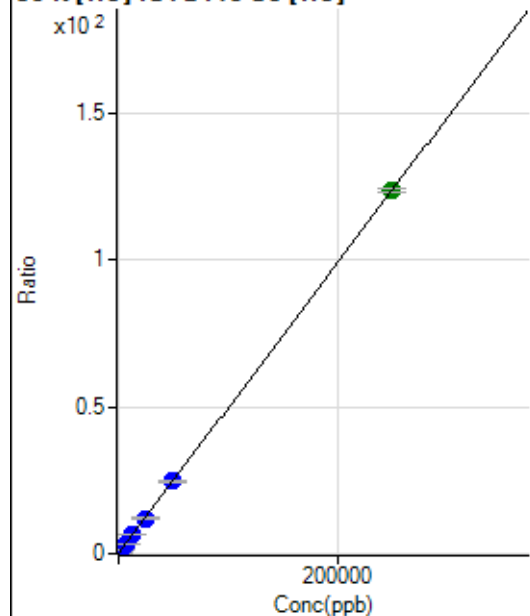
$$DL = 357.3$$

$$BEC = 1.95E+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1816.87	0.0988	P	6.9
2	☐	50.000					
3	☐	500.000	469.411	6112.73	0.3303	P	8.3
4	☐	2500.000	2439.613	24385.82	1.3019	P	1.2
5	☐	6250.000	6294.952	57390.14	3.2032	P	3.3
6	☐	12500.000	12615.139	113211.05	6.3200	P	1.8
7	☐	25000.000	24336.279	224232.98	12.1002	P	2.1
8	☐	50000.000	49729.299	448991.89	24.6228	P	2.1
9	☐	250000.00	250114.29	2373964.51	123.4427	A	1.0

$$y = 4.9315E-004 * x + 0.0988$$

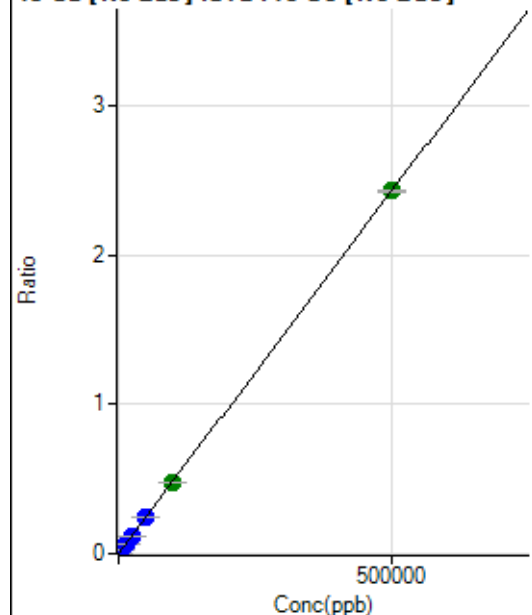
$$R = 1.0000$$

$$DL = 41.33$$

$$BEC = 200.3$$

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	594.49	0.0002	P	16.3
2	☐	50.000					
3	☐	500.000	485.308	6813.09	0.0026	P	6.2
4	☐	5000.000	4970.630	64886.83	0.0244	P	0.3
5	☐	12500.000	12356.432	159866.50	0.0603	P	0.9
6	☐	25000.000	24659.714	317899.99	0.1201	P	1.3
7	☐	50000.000	49325.510	634571.56	0.2401	P	0.4
8	☐	100000.00	98037.025	1284817.69	0.4770	A	0.4
9	☐	500000.00	500480.95	6521047.32	2.4340	A	0.6

$$y = 4.8630E-006 * x + 2.2597E-004$$

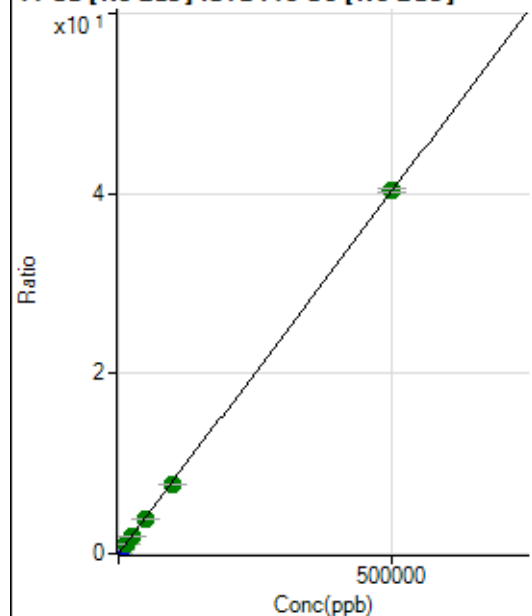
$$R = 1.0000$$

$$DL = 22.65$$

$$BEC = 46.47$$

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	9498.05	0.0036	P	5.0
2	☐	50.000					
3	☐	500.000	462.006	107389.71	0.0408	P	0.9
4	☐	5000.000	4905.166	1059228.48	0.3983	P	0.5
5	☐	12500.000	12486.306	2672458.72	1.0083	A	0.6
6	☐	25000.000	24431.302	5211010.75	1.9693	A	0.3
7	☐	50000.000	48364.954	10294584.17	3.8950	A	0.4
8	☐	100000.00	95765.724	20764513.14	7.7089	A	1.0
9	☐	500000.00	501040.12	108013639.9	40.3171	A	1.0

$$y = 8.0460E-005 * x + 0.0036$$

$$R = 1.0000$$

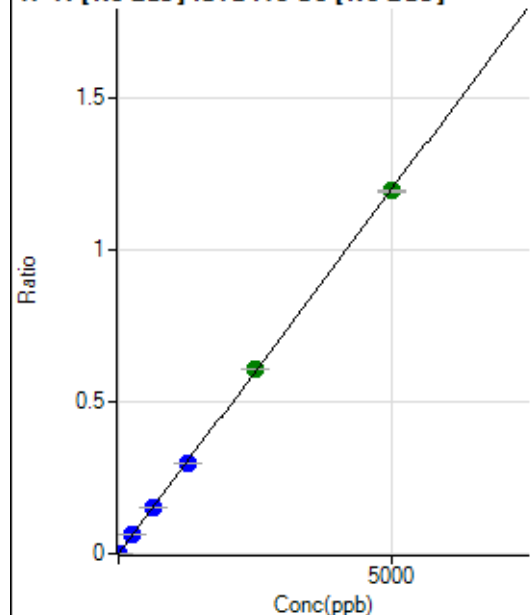
$$DL = 6.718$$

$$BEC = 44.89$$

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	130.56	0.0000	P	20.8
2	☐	0.500					
3	☐	5.000	5.011	3294.96	0.0013	P	1.8
4	☐	250.000	252.116	160894.79	0.0605	P	0.6
5	☐	625.000	629.166	399979.79	0.1509	P	0.3
6	☐	1250.000	1247.226	791412.77	0.2991	P	0.6
7	☐	2500.000	2538.327	1608651.45	0.6086	A	0.5
8	☐	5000.000	4980.904	3216943.80	1.1943	A	0.5
9	☐			1978.02	0.0007	P	3.7

$$y = 2.3976E-004 * x + 4.9679E-005$$

$$R = 1.0000$$

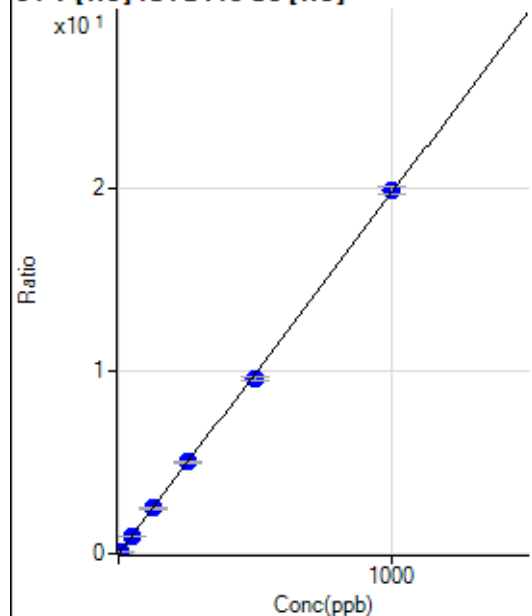
$$DL = 0.1295$$

$$BEC = 0.2072$$

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	11.11	0.0006	P	16.5
2	☐	0.500					
3	☐	5.000	4.762	1750.14	0.0945	P	2.9
4	☐	50.000	49.885	18438.97	0.9844	P	2.6
5	☐	125.000	127.340	45002.19	2.5120	P	3.7
6	☐	250.000	253.867	89698.08	5.0073	P	1.2
7	☐	500.000	487.144	178046.10	9.6080	P	2.1
8	☐	1000.000	1005.176	361494.36	19.8245	P	2.0
9	☐			153.34	0.0080	P	26.0

$$y = 0.0197 * x + 6.0394E-004$$

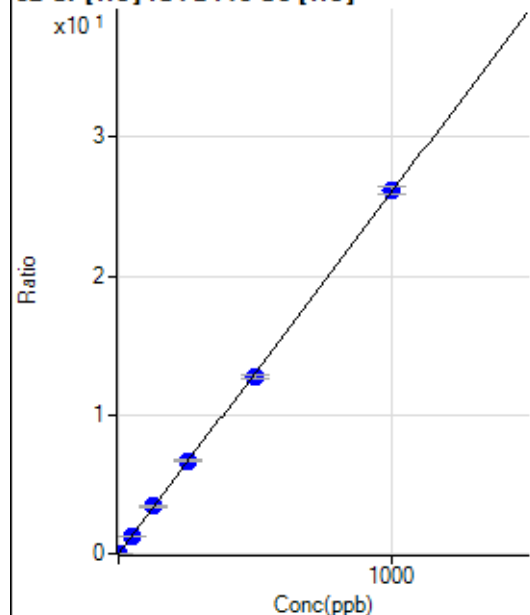
$$R = 0.9999$$

$$DL = 0.01518$$

$$BEC = 0.03062$$

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	205.56	0.0112	P	5.1
2	☐	0.200					
3	☐	2.000	2.103	1221.19	0.0659	P	2.6
4	☐	50.000	49.792	24483.84	1.3071	P	1.0
5	☐	125.000	130.310	60975.48	3.4027	P	2.4
6	☐	250.000	256.915	119982.60	6.6978	P	0.8
7	☐	500.000	488.376	235757.36	12.7220	P	2.0
8	☐	1000.000	1003.430	476430.71	26.1272	P	2.1
9	☐			13401.10	0.6968	P	1.3

$$y = 0.0260 * x + 0.0112$$

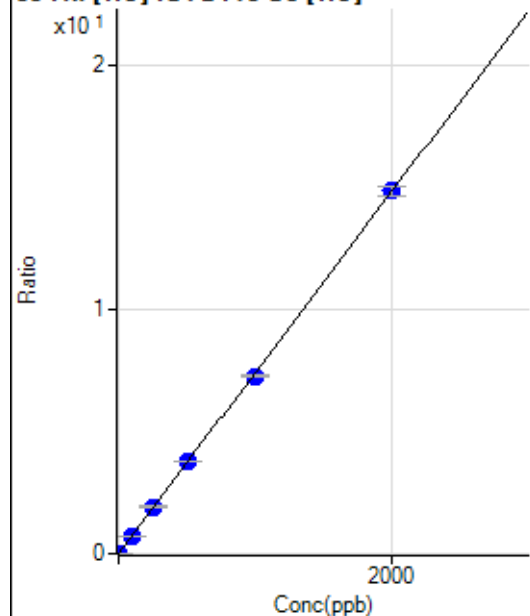
$$R = 0.9999$$

$$DL = 0.06548$$

$$BEC = 0.4297$$

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	22.22	0.0012	P	69.0
2	☐	0.100					
3	☐	1.000	1.043	165.56	0.0090	P	16.1
4	☐	100.000	98.398	13684.68	0.7306	P	0.9
5	☐	250.000	257.651	34244.24	1.9110	P	2.4
6	☐	500.000	509.010	67609.43	3.7742	P	0.6
7	☐	1000.000	981.911	134920.66	7.2795	P	0.9
8	☐	2000.000	2005.915	271123.23	14.8698	P	2.6
9	☐			1053.40	0.0548	P	6.1

$$y = 0.0074 * x + 0.0012$$

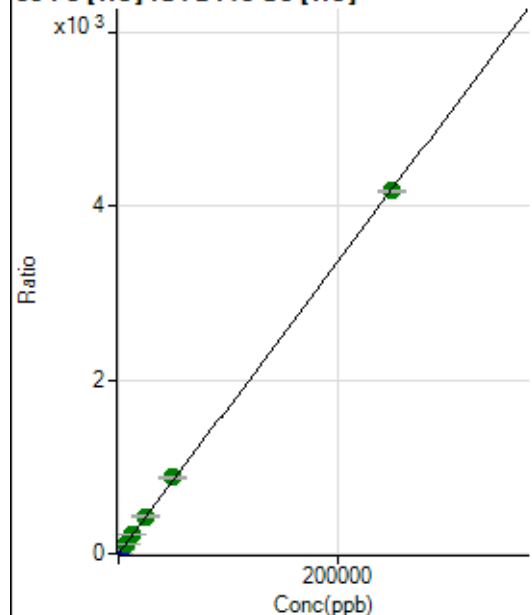
$$R = 0.9999$$

$$DL = 0.3404$$

$$BEC = 0.1644$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1094.52	0.0595	P	1.9
2	☐	5.000					
3	☐	50.000	52.292	17300.03	0.9339	P	1.9
4	☐	2500.000	2638.665	827557.77	44.1798	P	0.0
5	☐	6250.000	6873.907	2060284.68	114.9959	A	3.4
6	☐	12500.000	13479.437	4038514.85	225.4449	A	1.4
7	☐	25000.000	25673.370	7956550.70	429.3357	A	1.8
8	☐	50000.000	52483.746	16003315.29	877.6235	A	2.0
9	☐	250000.00	249369.95	80186139.76	4,169.694	A	0.4

$$y = 0.0167 * x + 0.0595$$

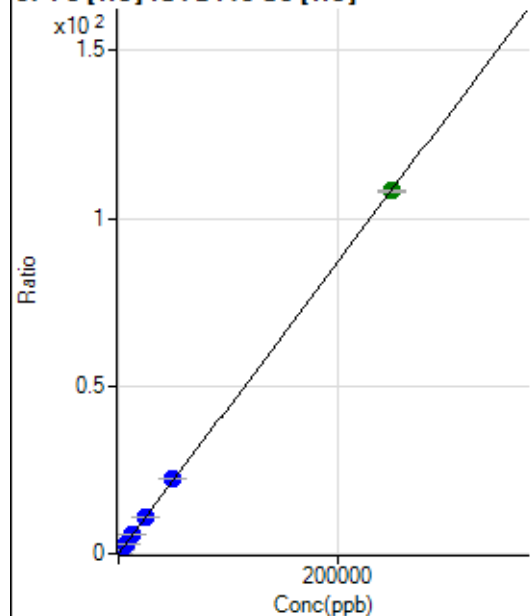
$$R = 0.9999$$

$$DL = 0.1982$$

$$BEC = 3.561$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0015	P	33.4
2	☐	5.000					
3	☐	50.000	51.460	440.76	0.0238	P	11.4
4	☐	2500.000	2556.745	20775.23	1.1091	P	0.6
5	☐	6250.000	6669.839	51791.14	2.8910	P	3.8
6	☐	12500.000	13078.167	101518.71	5.6671	P	0.4
7	☐	25000.000	25228.120	202572.23	10.9306	P	1.6
8	☐	50000.000	51598.658	407618.87	22.3546	P	2.3
9	☐	250000.00	249617.48	2079581.72	108.1385	A	0.4

$$y = 4.3321E-004 * x + 0.0015$$

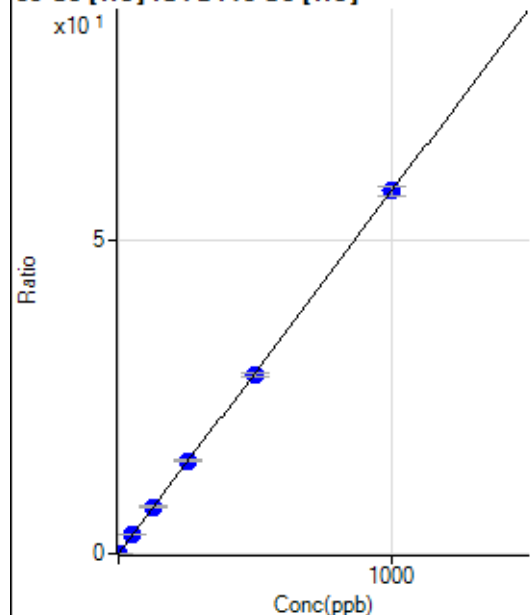
$$R = 1.0000$$

$$DL = 3.49$$

$$BEC = 3.48$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.78	0.0026	P	6.3
2	☐	0.100					
3	☐	1.000	0.929	1040.06	0.0562	P	7.6
4	☐	50.000	51.030	55193.43	2.9466	P	0.7
5	☐	125.000	129.418	133830.51	7.4689	P	2.7
6	☐	250.000	256.790	265428.62	14.8171	P	0.5
7	☐	500.000	493.657	527819.40	28.4822	P	1.9
8	☐	1000.000	1000.871	1052904.31	57.7440	P	2.4
9	☐			12838.30	0.6676	P	2.2

$$y = 0.0577 * x + 0.0026$$

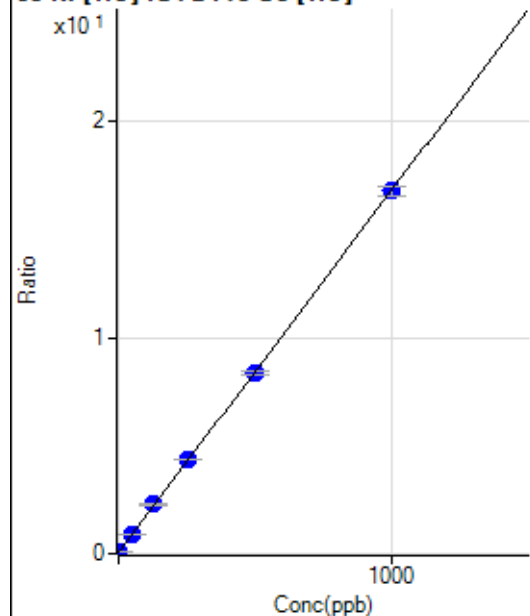
$$R = 0.9999$$

$$DL = 0.008455$$

$$BEC = 0.04501$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	928.94	0.0506	P	6.1
2	☐	0.100					
3	☐	1.000	0.822	1191.18	0.0643	P	4.4
4	☐	50.000	51.831	17214.17	0.9190	P	0.7
5	☐	125.000	132.783	40764.19	2.2753	P	3.6
6	☐	250.000	258.477	78483.98	4.3813	P	1.1
7	☐	500.000	495.545	154800.85	8.3533	P	2.0
8	☐	1000.000	999.044	306129.08	16.7894	P	2.5
9	☐			8436.02	0.4387	P	0.2

$$y = 0.0168 * x + 0.0506$$

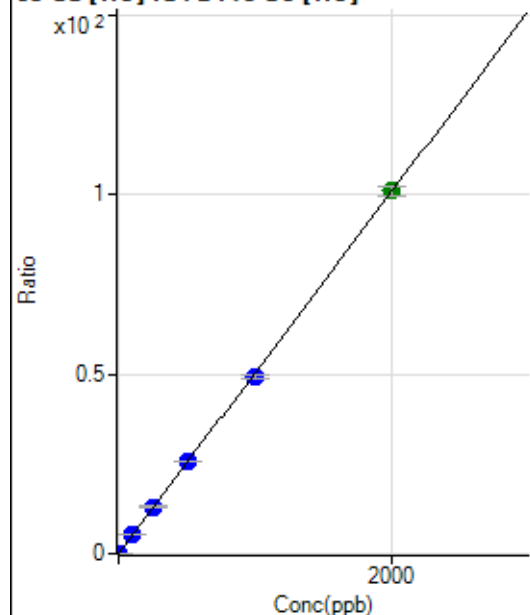
$$R = 0.9999$$

$$DL = 0.5492$$

$$BEC = 3.018$$

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	123.34	0.0067	P	9.9
2	☐	0.200					
3	☐	2.000	1.929	1923.50	0.1039	P	1.5
4	☐	100.000	101.160	95574.56	5.1023	P	0.1
5	☐	250.000	260.046	234818.86	13.1057	P	3.1
6	☐	500.000	511.261	461454.41	25.7599	P	0.4
7	☐	1000.000	981.285	916101.50	49.4359	P	2.1
8	☐	2000.000	2005.229	1841911.59	101.0139	A	2.3
9	☐			2245.79	0.1168	P	3.3

$$y = 0.0504 * x + 0.0067$$

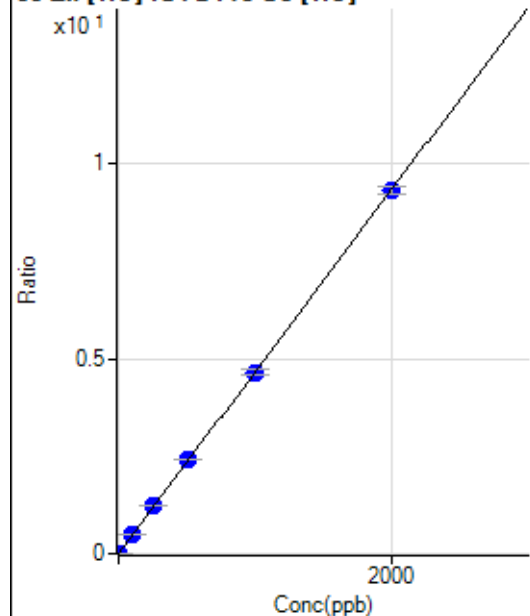
$$R = 0.9999$$

$$DL = 0.03963$$

$$BEC = 0.1334$$

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	5.56	0.0003	P	33.3
2	☐	0.200					
3	☐	2.000	2.173	193.34	0.0104	P	3.9
4	☐	100.000	103.259	9024.18	0.4818	P	3.0
5	☐	250.000	264.802	22130.08	1.2351	P	2.8
6	☐	500.000	519.655	43413.52	2.4234	P	0.5
7	☐	1000.000	998.359	86270.34	4.6556	P	2.4
8	☐	2000.000	1993.894	169541.49	9.2978	P	2.1
9	☐			981.16	0.0510	P	7.0

$$y = 0.0047 * x + 3.0101E-004$$

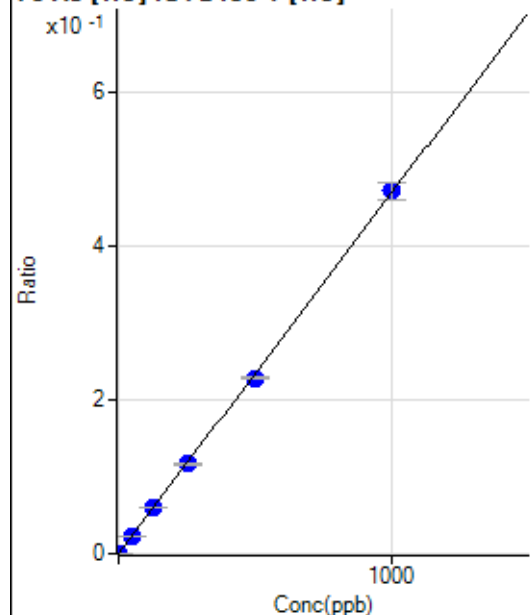
$$R = 0.9999$$

$$DL = 0.06455$$

$$BEC = 0.06455$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.70	0.0000	P	50.2
2	☐	0.100					
3	☐	1.000	1.013	73.46	0.0005	P	26.2
4	☐	50.000	49.348	3407.24	0.0231	P	1.8
5	☐	125.000	126.891	8513.19	0.0594	P	1.6
6	☐	250.000	249.004	16972.23	0.1165	P	1.1
7	☐	500.000	487.133	33357.51	0.2279	P	1.0
8	☐	1000.000	1006.479	67812.68	0.4709	P	4.6
9	☐			141.36	0.0009	P	7.0

$$y = 4.6788\text{E-}004 * x + 2.5287\text{E-}005$$

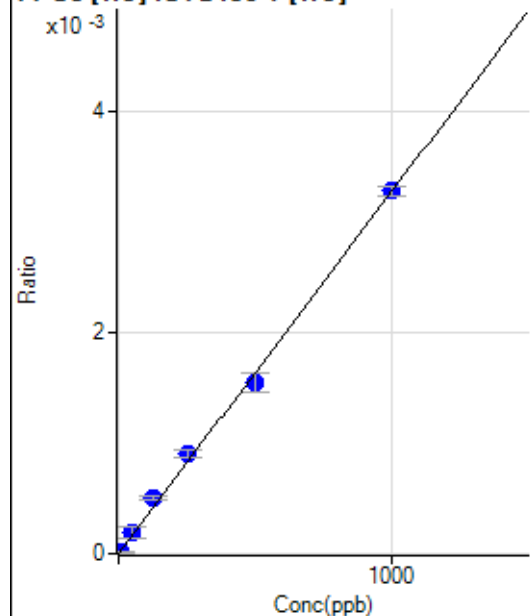
$$R = 0.9999$$

$$DL = 0.08144$$

$$BEC = 0.05405$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.624	2.22	0.0000	P	86.6
4	☐	50.000	59.723	28.89	0.0002	P	54.0
5	☐	125.000	153.924	72.22	0.0005	P	7.4
6	☐	250.000	277.058	132.23	0.0009	P	8.6
7	☐	500.000	472.791	226.67	0.0015	P	10.4
8	☐	1000.000	1002.740	473.35	0.0033	P	2.5
9	☐			0.00	0.0000	P	

$$y = 3.2762\text{E-}006 * x + 0.0000\text{E+}000$$

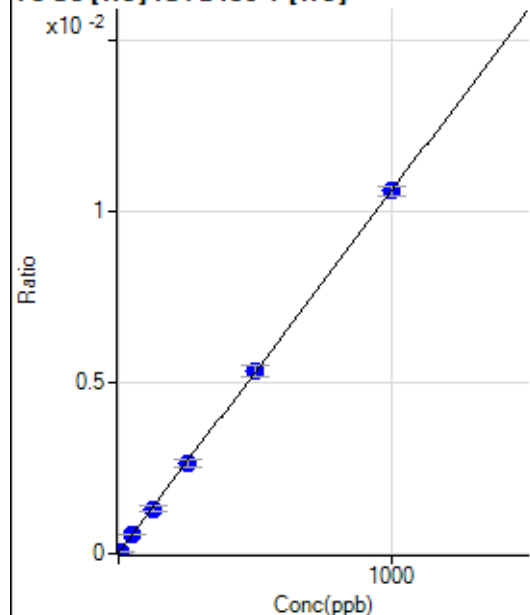
$$R = 0.9987$$

$$DL = 0$$

$$BEC = 0$$

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	3.08	0.0000	P	34.6
2	☐	0.500					
3	☐	5.000	1.584	5.56	0.0000	P	34.1
4	☐	50.000	51.381	83.34	0.0006	P	8.4
5	☐	125.000	122.417	188.89	0.0013	P	9.8
6	☐	250.000	246.739	383.96	0.0026	P	8.6
7	☐	500.000	502.416	782.13	0.0053	P	6.9
8	☐	1000.000	999.878	1530.35	0.0106	P	2.3
9	☐			3.70	0.0000	P	50.5

$$y = 1.0596E-005 * x + 2.1045E-005$$

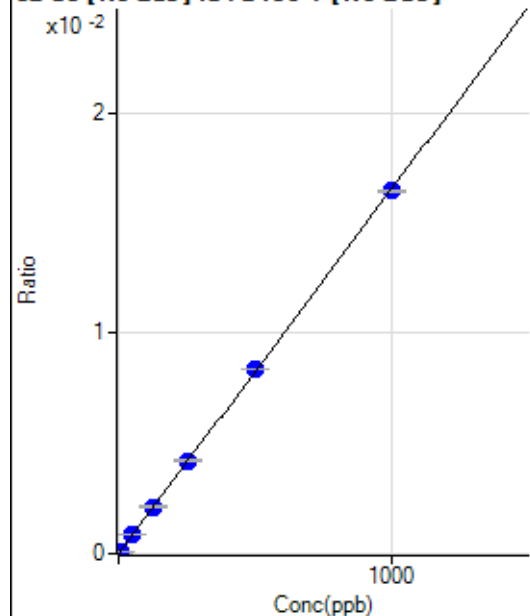
$$R = 1.0000$$

$$DL = 2.061$$

$$BEC = 1.986$$

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	-14.91	0.0000	P	-267.
2	☐	0.500					
3	☐	5.000	4.825	406.85	0.0001	P	6.6
4	☐	50.000	52.254	4602.88	0.0009	P	0.9
5	☐	125.000	128.881	11354.35	0.0021	P	1.4
6	☐	250.000	255.115	22573.06	0.0042	P	1.1
7	☐	500.000	505.315	44743.08	0.0084	P	0.3
8	☐	1000.000	995.467	89031.21	0.0165	P	0.6
9	☐			103.34	0.0000	P	33.1

$$y = 1.6557E-005 * x - 2.8133E-006$$

$$R = 1.0000$$

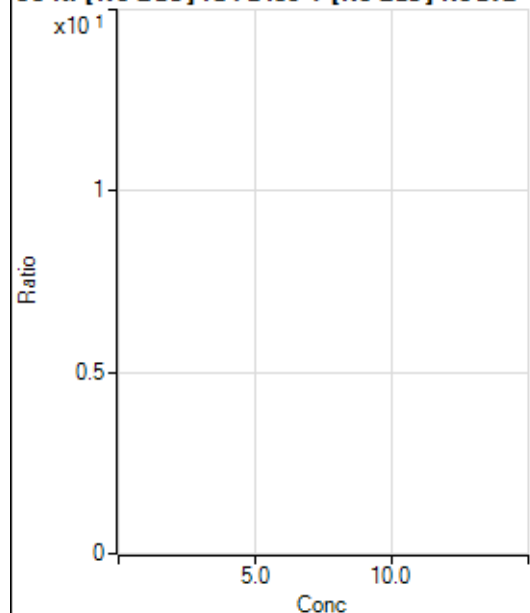
$$DL = 1.362$$

$$BEC = -0.1699$$

Weight: <None>

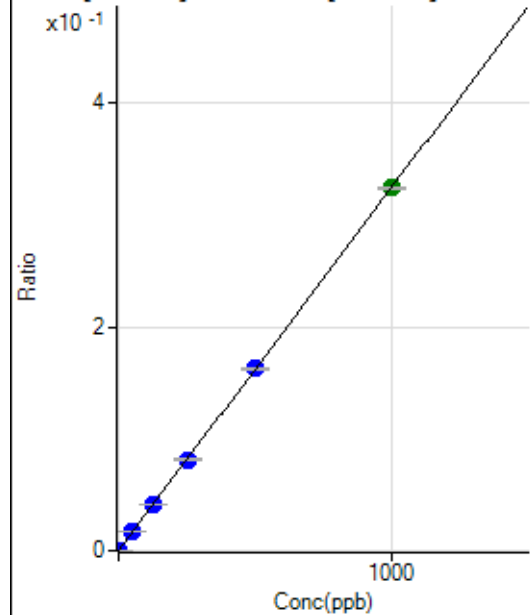
Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			395.57	0.0001	P	8.6
2	☐						
3	☐			368.90	0.0001	P	14.4
4	☐			362.23	0.0001	P	5.5
5	☐			358.90	0.0001	P	10.1
6	☐			360.01	0.0001	P	8.9
7	☐			338.90	0.0001	P	15.3
8	☐			374.46	0.0001	P	18.3
9	☐			374.46	0.0001	P	4.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	544.48	0.0001	P	11.5
2	☐	0.100					
3	☐	1.000	1.010	2269.74	0.0004	P	4.7
4	☐	50.000	50.774	88421.54	0.0166	P	0.9
5	☐	125.000	125.296	217017.72	0.0407	P	0.5
6	☐	250.000	250.869	435546.81	0.0814	P	1.4
7	☐	500.000	500.555	868831.71	0.1624	P	0.2
8	☐	1000.000	999.429	1751444.01	0.3242	A	0.3
9	☐			56749.49	0.0108	P	0.7

$$y = 3.2426E-004 * x + 1.0242E-004$$

$$R = 1.0000$$

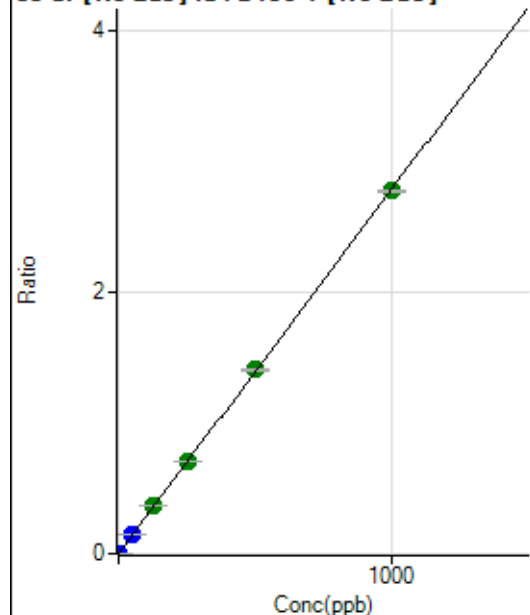
$$DL = 0.1093$$

$$BEC = 0.3159$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.68	0.0000	P	21.2
2	☐	0.100					
3	☐	1.000	0.976	14497.17	0.0027	P	1.0
4	☐	50.000	50.813	755580.38	0.1416	P	1.3
5	☐	125.000	129.804	1926694.68	0.3616	A	0.7
6	☐	250.000	252.335	3758987.28	0.7029	A	1.1
7	☐	500.000	505.091	7526820.65	1.4070	A	0.7
8	☐	1000.000	996.230	14993106.24	2.7751	A	0.4
9	☐			500293.61	0.0954	P	0.6

$$y = 0.0028 * x + 2.6650E-005$$

$$R = 1.0000$$

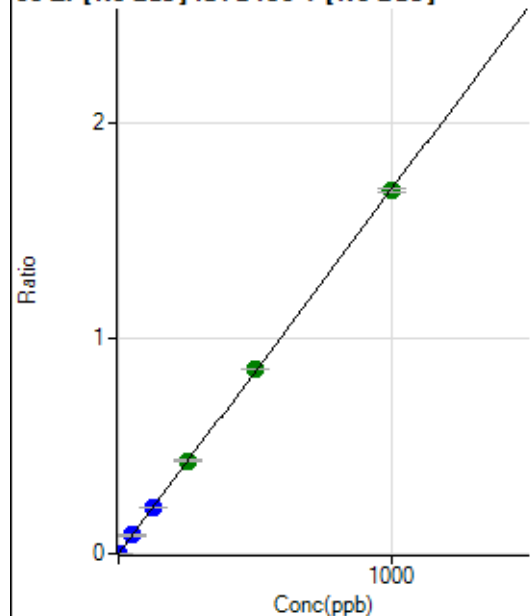
$$DL = 0.006072$$

$$BEC = 0.009567$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	375.02	0.0001	P	2.1
2	☐	0.100					
3	☐	1.000	0.931	8700.45	0.0016	P	2.6
4	☐	50.000	50.230	454614.63	0.0852	P	1.9
5	☐	125.000	127.137	1148211.51	0.2155	P	0.4
6	☐	250.000	255.380	2314460.69	0.4328	A	1.2
7	☐	500.000	505.175	4579623.84	0.8561	A	0.4
8	☐	1000.000	995.789	9116193.43	1.6874	A	1.1
9	☐			2486.46	0.0005	P	9.3

$$y = 0.0017 * x + 7.0550E-005$$

$$R = 1.0000$$

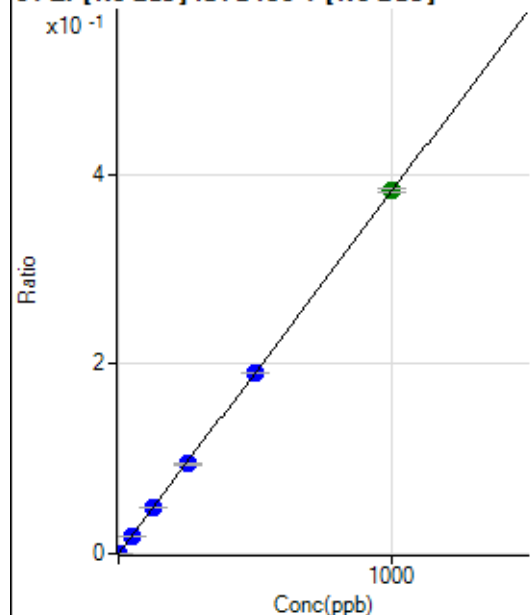
$$DL = 0.002564$$

$$BEC = 0.04164$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	39.9
2	☐	0.100					
3	☐	1.000	0.910	1908.56	0.0004	P	3.0
4	☐	50.000	49.429	100768.53	0.0189	P	1.5
5	☐	125.000	125.231	254759.46	0.0478	P	0.5
6	☐	250.000	247.474	505221.07	0.0945	P	0.8
7	☐	500.000	497.693	1016310.85	0.1900	P	0.5
8	☐	1000.000	1001.785	2065902.65	0.3824	A	1.0
9	☐			608.38	0.0001	P	5.8

$$y = 3.8170\text{E-}004 * x + 1.4104\text{E-}005$$

$$R = 1.0000$$

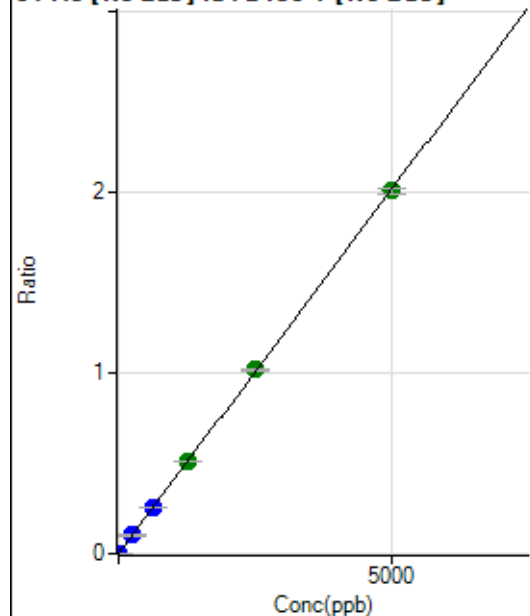
$$DL = 0.04421$$

$$BEC = 0.03695$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	261.13	0.0000	P	7.2
2	☐	0.500					
3	☐	5.000	4.719	10301.57	0.0020	P	2.7
4	☐	250.000	252.234	542966.93	0.1017	P	1.3
5	☐	625.000	636.112	1366599.36	0.2565	P	0.5
6	☐	1250.000	1270.709	2739684.91	0.5123	A	1.0
7	☐	2500.000	2522.530	5440313.06	1.0170	A	0.8
8	☐	5000.000	4982.057	10850815.26	2.0085	A	1.3
9	☐			14082.93	0.0027	P	3.9

$$y = 4.0314\text{E-}004 * x + 4.9121\text{E-}005$$

$$R = 1.0000$$

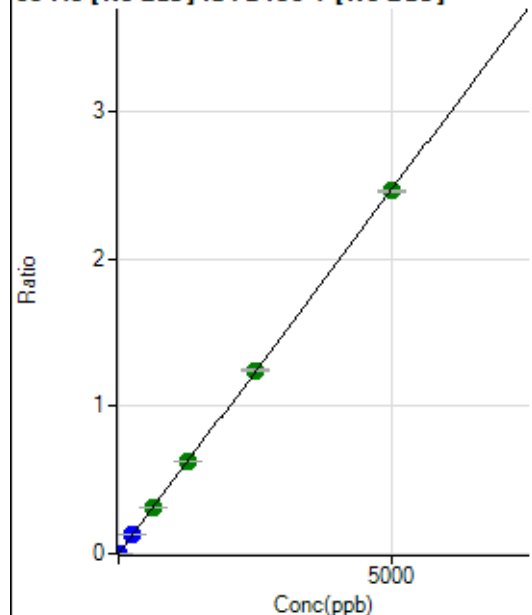
$$DL = 0.02628$$

$$BEC = 0.1218$$

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	177.79	0.0000	P	9.7
2	☐	0.500					
3	☐	5.000	4.692	12397.83	0.0023	P	1.3
4	☐	250.000	252.360	664838.99	0.1246	P	0.9
5	☐	625.000	640.783	1684946.78	0.3162	A	0.5
6	☐	1250.000	1273.227	3360064.57	0.6283	A	0.9
7	☐	2500.000	2513.358	6634879.27	1.2403	A	1.0
8	☐	5000.000	4985.424	13291001.16	2.4601	A	0.6
9	☐			22430.47	0.0043	P	4.8

$$y = 4.9346\text{E-}004 * x + 3.3445\text{E-}005$$

$$R = 1.0000$$

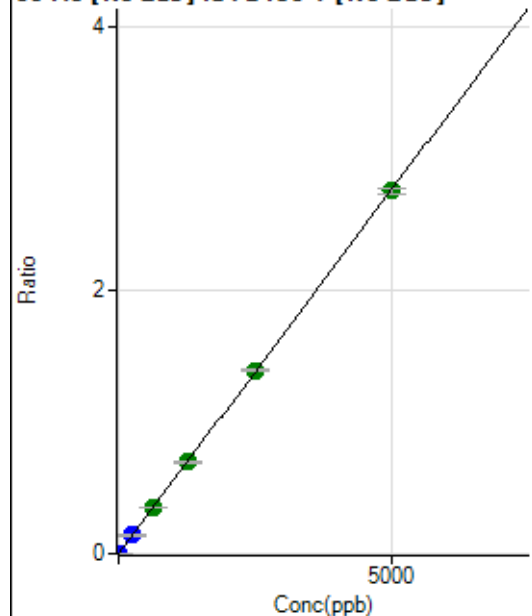
$$DL = 0.01965$$

$$BEC = 0.06778$$

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	291.68	0.0001	P	28.4
2	☐	0.500					
3	☐	5.000	4.857	14474.89	0.0027	P	1.4
4	☐	250.000	251.153	741992.47	0.1390	P	1.3
5	☐	625.000	642.605	1894813.99	0.3556	A	0.8
6	☐	1250.000	1258.026	3722789.93	0.6961	A	1.1
7	☐	2500.000	2519.215	7457219.09	1.3940	A	0.5
8	☐	5000.000	4986.128	14905050.51	2.7590	A	1.5
9	☐			26412.94	0.0050	P	4.3

$$y = 5.5332\text{E-}004 * x + 5.4860\text{E-}005$$

$$R = 1.0000$$

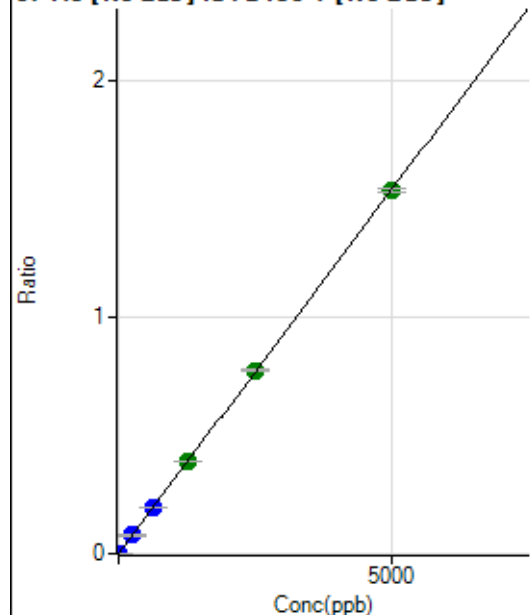
$$DL = 0.08455$$

$$BEC = 0.09915$$

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	150.01	0.0000	P	36.5
2	☐	0.500					
3	☐	5.000	4.739	7847.06	0.0015	P	5.6
4	☐	250.000	252.239	414462.42	0.0777	P	1.3
5	☐	625.000	633.640	1039165.16	0.1950	P	0.2
6	☐	1250.000	1264.029	2080503.45	0.3890	A	0.7
7	☐	2500.000	2516.412	4143044.88	0.7745	A	0.8
8	☐	5000.000	4987.095	8291889.33	1.5348	A	1.1
9	☐			14380.39	0.0027	P	5.8

$$y = 3.0775\text{E-}004 * x + 2.8221\text{E-}005$$

$$R = 1.0000$$

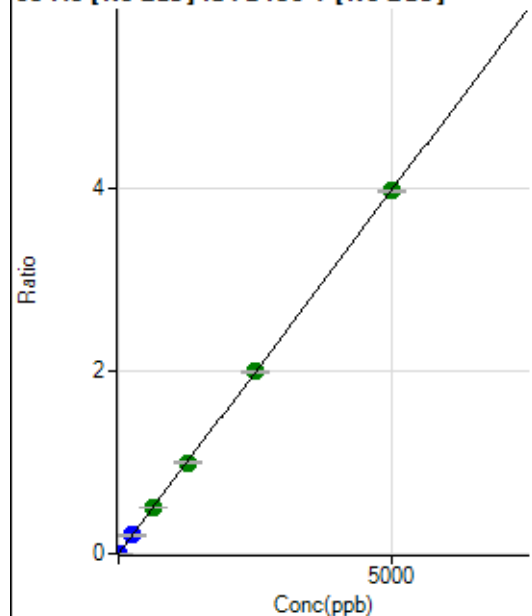
$$DL = 0.1004$$

$$BEC = 0.0917$$

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	297.24	0.0001	P	4.3
2	☐	0.500					
3	☐	5.000	4.694	19990.52	0.0038	P	0.2
4	☐	250.000	251.490	1067189.75	0.2000	P	1.9
5	☐	625.000	638.286	2703577.88	0.5074	A	0.8
6	☐	1250.000	1252.397	5323974.12	0.9956	A	1.0
7	☐	2500.000	2506.165	10657222.72	1.9922	A	0.5
8	☐	5000.000	4994.583	21449565.93	3.9702	A	0.5
9	☐			36213.42	0.0069	P	3.8

$$y = 7.9489\text{E-}004 * x + 5.5920\text{E-}005$$

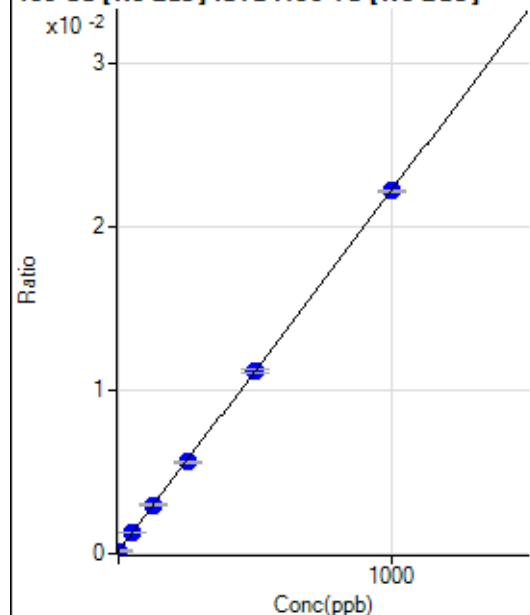
$$R = 1.0000$$

$$DL = 0.009066$$

$$BEC = 0.07035$$

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	972.30	0.0001	P	1.0
2	☐	0.100					
3	☐	1.000	1.101	1127.88	0.0002	P	11.9
4	☐	50.000	50.262	8322.38	0.0013	P	0.4
5	☐	125.000	127.725	19612.25	0.0030	P	4.4
6	☐	250.000	247.226	37430.79	0.0056	P	1.7
7	☐	500.000	501.690	74771.64	0.0112	P	2.3
8	☐	1000.000	999.495	148804.25	0.0222	P	0.4
9	☐			947.30	0.0001	P	6.9

$$y = 2.2093\text{E-}005 * x + 1.4794\text{E-}004$$

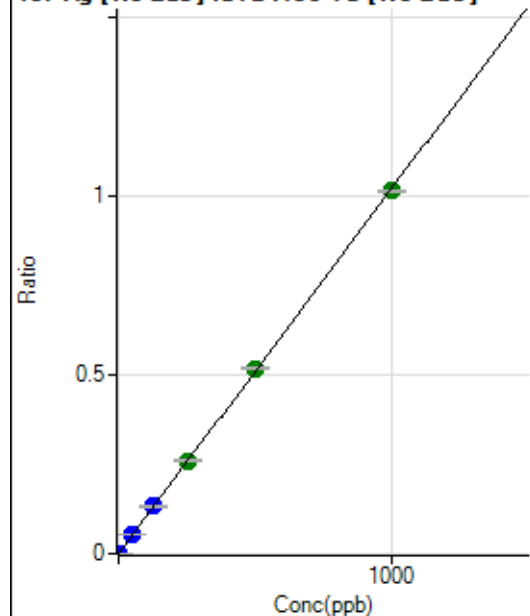
$$R = 1.0000$$

$$DL = 0.1969$$

$$BEC = 6.696$$

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	72.22	0.0000	P	51.8
2	☐	0.100					
3	☐	1.000	1.001	6751.97	0.0010	P	2.9
4	☐	50.000	51.850	349867.53	0.0529	P	1.1
5	☐	125.000	129.140	870134.80	0.1318	P	0.6
6	☐	250.000	254.553	1732768.77	0.2597	A	1.0
7	☐	500.000	507.959	3449909.80	0.5182	A	1.5
8	☐	1000.000	994.272	6789518.03	1.0143	A	0.7
9	☐			591.71	0.0001	P	10.8

$$y = 0.0010 * x + 1.0986\text{E-}005$$

$$R = 0.9999$$

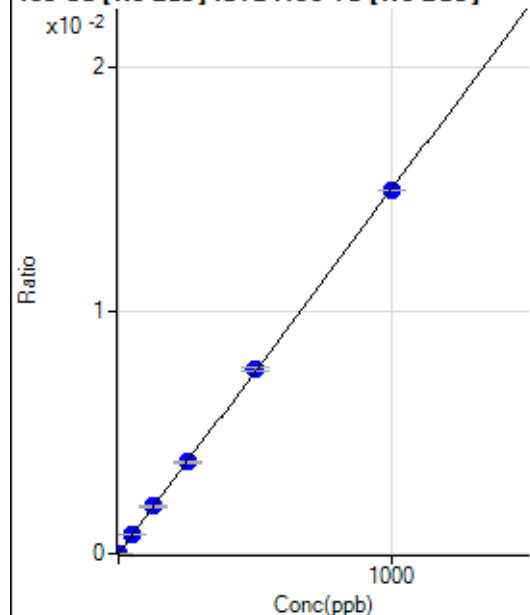
$$DL = 0.01675$$

$$BEC = 0.01077$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.94	0.0000	P	34.3
2	☐	0.100					
3	☐	1.000	0.750	80.56	0.0000	P	19.6
4	☐	50.000	52.264	5190.01	0.0008	P	2.0
5	☐	125.000	129.319	12814.71	0.0019	P	3.7
6	☐	250.000	252.929	25315.70	0.0038	P	2.0
7	☐	500.000	506.219	50550.27	0.0076	P	1.7
8	☐	1000.000	995.505	99944.67	0.0149	P	0.1
9	☐			31.94	0.0000	P	46.2

$$y = 1.4997\text{E-}005 * x + 1.0554\text{E-}006$$

$$R = 1.0000$$

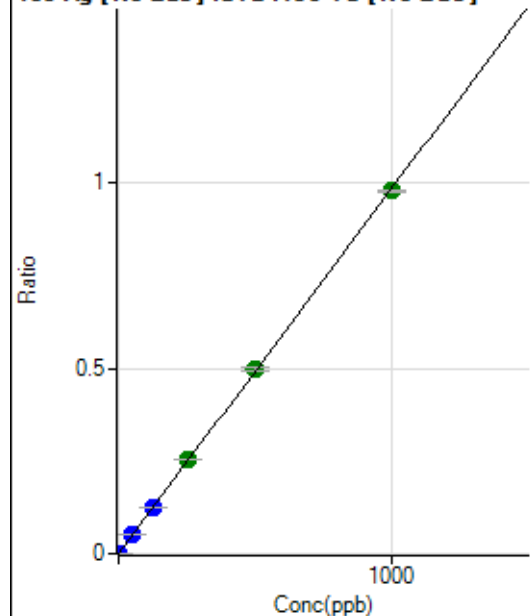
$$DL = 0.07235$$

$$BEC = 0.07037$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	37.3
2	☐	0.100					
3	☐	1.000	1.000	6499.09	0.0010	P	1.8
4	☐	50.000	51.200	333009.59	0.0504	P	1.2
5	☐	125.000	128.344	833557.95	0.1262	P	0.7
6	☐	250.000	258.021	1692977.16	0.2537	A	0.6
7	☐	500.000	506.660	3316885.64	0.4982	A	1.5
8	☐	1000.000	994.186	6543949.80	0.9776	A	0.4
9	☐			550.04	0.0001	P	12.0

$$y = 9.8332\text{E-}004 * x + 1.0141\text{E-}005$$

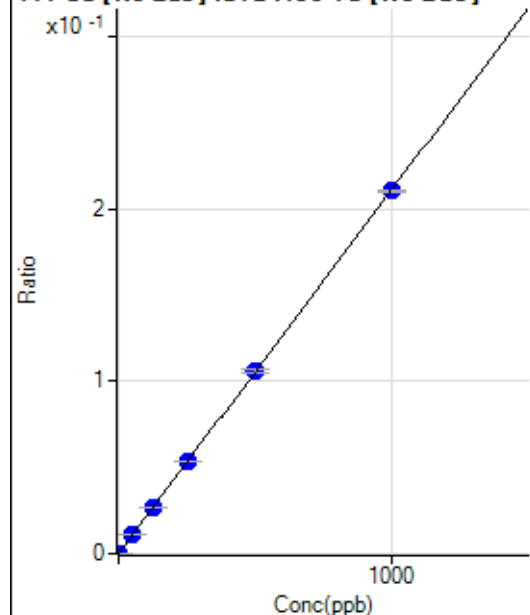
$$R = 0.9999$$

$$DL = 0.01154$$

$$BEC = 0.01031$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	689.64	0.0001	P	1.6
2	☐	0.100					
3	☐	1.000	0.989	2054.06	0.0003	P	5.2
4	☐	50.000	51.172	72121.92	0.0109	P	1.9
5	☐	125.000	128.366	179641.33	0.0272	P	0.9
6	☐	250.000	252.989	357017.63	0.0535	P	0.3
7	☐	500.000	502.115	706320.38	0.1061	P	1.4
8	☐	1000.000	997.716	1410397.08	0.2107	P	0.6
9	☐			911.59	0.0001	P	3.0

$$y = 2.1108\text{E-}004 * x + 1.0494\text{E-}004$$

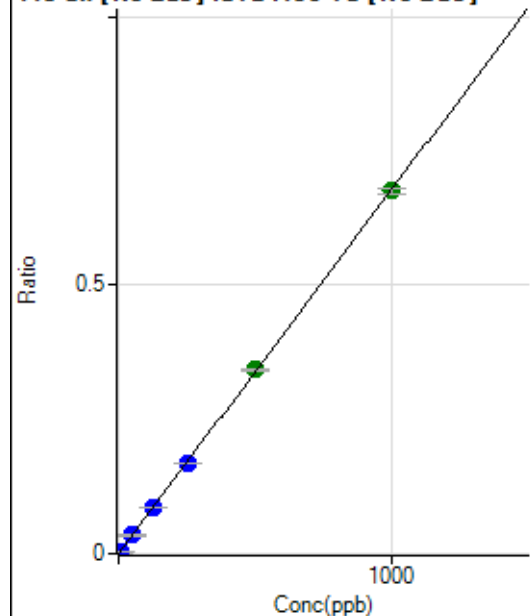
$$R = 1.0000$$

$$DL = 0.02445$$

$$BEC = 0.4971$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	712.10	0.0001	P	69.1
2	☐	0.500					
3	☐	5.000	4.640	21306.54	0.0033	P	1.9
4	☐	50.000	50.443	226953.26	0.0343	P	2.1
5	☐	125.000	126.639	567988.91	0.0860	P	0.5
6	☐	250.000	249.016	1127681.05	0.1690	P	0.5
7	☐	500.000	506.399	2287489.61	0.3436	A	0.9
8	☐	1000.000	996.821	4526335.47	0.6762	A	1.2
9	☐			12675.95	0.0019	P	3.6

$$y = 6.7826\text{E-}004 * x + 1.0821\text{E-}004$$

$$R = 1.0000$$

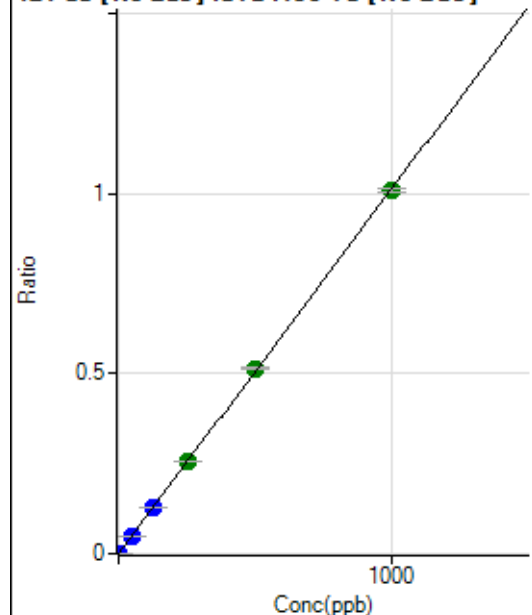
$$DL = 0.3307$$

$$BEC = 0.1595$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	377.80	0.0001	P	43.1
2	☐	0.200					
3	☐	2.000	1.905	13006.87	0.0020	P	5.1
4	☐	50.000	49.681	333355.97	0.0504	P	1.1
5	☐	125.000	126.579	847628.86	0.1283	P	0.8
6	☐	250.000	251.970	1704329.99	0.2554	A	0.6
7	☐	500.000	508.236	3429743.27	0.5151	A	1.1
8	☐	1000.000	995.208	6751936.43	1.0087	A	0.9
9	☐			24211.91	0.0037	P	7.2

$$y = 0.0010 * x + 5.7425E-005$$

$$R = 0.9999$$

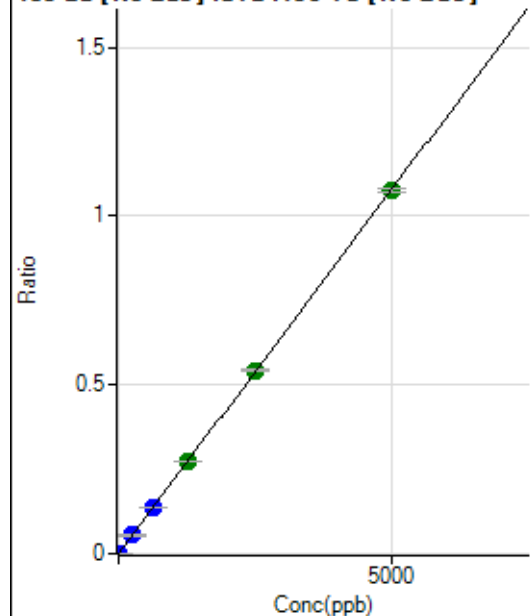
$$DL = 0.07334$$

$$BEC = 0.05666$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.23	0.0000	P	41.0
2	☐	1.000					
3	☐	10.000	9.517	13471.35	0.0021	P	0.6
4	☐	250.000	251.526	358549.11	0.0542	P	0.8
5	☐	625.000	629.729	896409.45	0.1357	P	0.2
6	☐	1250.000	1268.261	1823915.34	0.2733	A	0.3
7	☐	2500.000	2522.387	3619459.76	0.5436	A	0.9
8	☐	5000.000	4983.575	7189561.18	1.0741	A	1.1
9	☐			1916.90	0.0003	P	3.9

$$y = 2.1552E-004 * x + 7.1922E-006$$

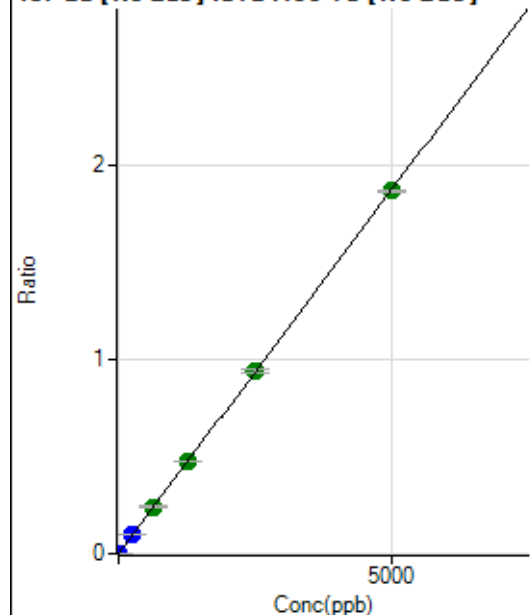
$$R = 1.0000$$

$$DL = 0.04102$$

$$BEC = 0.03337$$

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	41.67	0.0000	P	80.0
2	☐	1.000					
3	☐	10.000	9.422	23082.18	0.0035	P	2.3
4	☐	250.000	253.189	625693.41	0.0946	P	0.9
5	☐	625.000	647.159	1597130.26	0.2418	A	0.7
6	☐	1250.000	1266.555	3157881.17	0.4733	A	0.2
7	☐	2500.000	2511.423	6247743.63	0.9384	A	1.2
8	☐	5000.000	4987.221	12474020.76	1.8635	A	0.7
9	☐			3497.84	0.0005	P	1.7

$$y = 3.7366\text{E-}004 * x + 6.3294\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.04064$$

$$BEC = 0.01694$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			4.45		P	86.6
4	☐			28.89		P	70.5
5	☐			40.00		P	44.1
6	☐			86.67		P	27.7
7	☐			173.34		P	16.8
8	☐			300.02		P	14.6
9	☐			77.78		P	30.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			0.00		P	
6	☐			0.00		P	
7	☐			4.44		P	114.6
8	☐			5.55		P	124.9
9	☐			10.00		P	33.3

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	☐			19.45		P	24.7
5	☐			25.00		P	33.3
6	☐			44.45		P	10.8
7	☐			88.89		P	23.6
8	☐			83.34		P	36.1
9	☐			77.78		P	76.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	173.2
5	☐			2.22		P	86.6
6	☐			4.45		P	86.6
7	☐			6.67		P	100.0
8	☐			11.11		P	17.3
9	☐			10.00		P	33.3

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	24.1
2	☐						
3	☐			36.11		P	35.3
4	☐			44.45		P	39.0
5	☐			36.11		P	13.3
6	☐			55.56		P	31.2
7	☐			52.78		P	39.7
8	☐			41.67		P	60.0
9	☐			52.78		P	18.2

160 Gd [He] No available calibration points

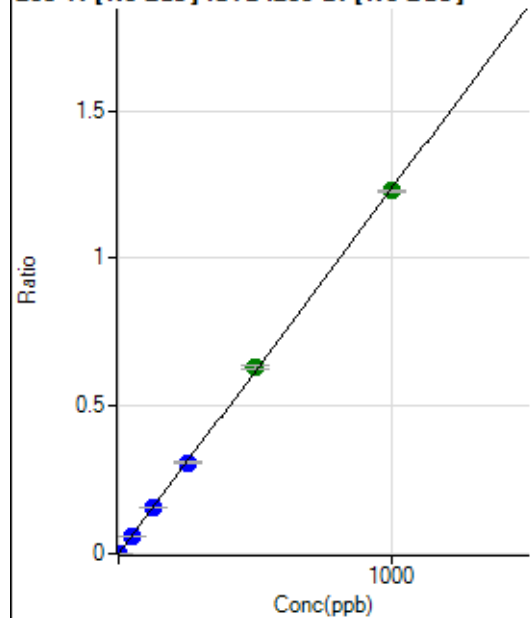
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			6.67		P	50.0
5	☐			2.22		P	173.2
6	☐			4.44		P	43.4
7	☐			8.89		P	57.3
8	☐			8.89		P	21.6
9	☐			16.67		P	20.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			38.89		P	53.9
4	☐			22.22		P	114.6
5	☐			36.11		P	35.3
6	☐			27.78		P	45.8
7	☐			50.00		P	72.6
8	☐			36.11		P	48.0
9	☐			41.67		P	20.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			12.22		P	63.0
4	☐			2.22		P	86.6
5	☐			6.67		P	50.0
6	☐			7.78		P	49.5
7	☐			8.89		P	21.6
8	☐			4.44		P	43.4
9	☐			5.56		P	34.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	388.91	0.0001	P	19.8
2	☐	0.100					
3	☐	1.000	0.951	5554.29	0.0013	P	2.6
4	☐	50.000	49.841	274170.22	0.0617	P	0.3
5	☐	125.000	125.159	691008.27	0.1547	P	0.7
6	☐	250.000	249.717	1372708.30	0.3086	P	0.9
7	☐	500.000	511.115	2810085.63	0.6315	A	1.1
8	☐	1000.000	994.501	5459577.51	1.2287	A	0.8
9	☐			3022.73	0.0007	P	0.7

$$y = 0.0012 * x + 8.8266E-005$$

$$R = 0.9999$$

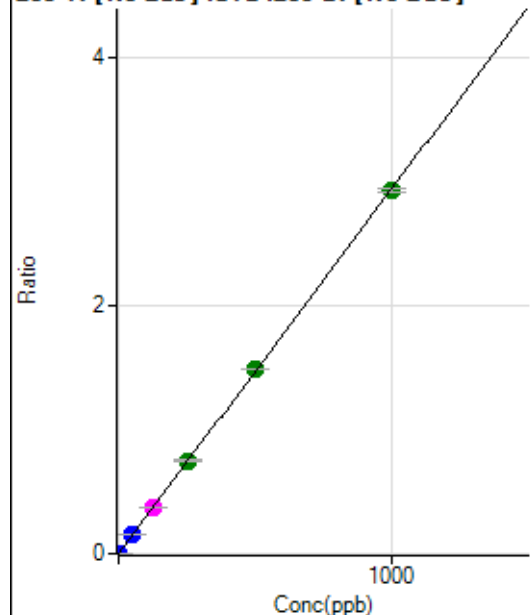
$$DL = 0.04236$$

$$BEC = 0.07145$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	913.96	0.0002	P	3.7
2	☐	0.100					
3	☐	1.000	0.990	13699.59	0.0031	P	3.7
4	☐	50.000	50.332	658162.60	0.1480	P	1.0
5	☐	125.000	126.048	1654385.42	0.3704	M	0.5
6	☐	250.000	255.646	3340877.68	0.7510	A	0.3
7	☐	500.000	506.224	6616705.01	1.4869	A	0.4
8	☐	1000.000	995.329	12989533.62	2.9234	A	1.0
9	☐			7171.80	0.0017	P	3.3

$$y = 0.0029 * x + 2.0738E-004$$

$$R = 1.0000$$

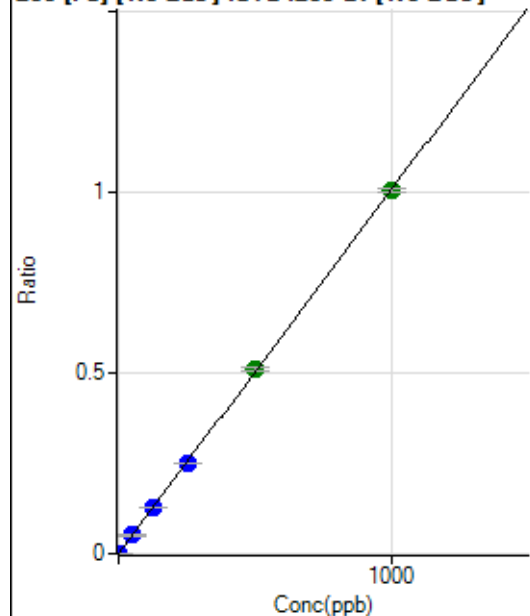
$$DL = 0.007809$$

$$BEC = 0.07061$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	303.72	0.0001	P	14.9
2	☐	0.100					
3	☐	1.000	0.924	4389.78	0.0010	P	2.8
4	☐	50.000	50.244	224947.13	0.0506	P	1.2
5	☐	125.000	124.648	560158.48	0.1254	P	0.1
6	☐	250.000	249.856	1117968.18	0.2513	P	0.7
7	☐	500.000	507.203	2269806.04	0.5101	A	1.3
8	☐	1000.000	996.467	4452816.01	1.0021	A	1.0
9	☐			24379.51	0.0059	P	0.6

$$y = 0.0010 * x + 6.8866E-005$$

$$R = 1.0000$$

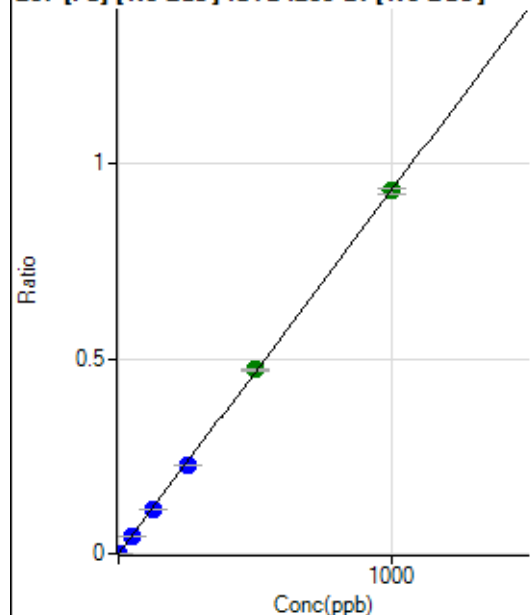
$$DL = 0.03052$$

$$BEC = 0.06848$$

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	248.16	0.0001	P	9.8
2	☐	0.100					
3	☐	1.000	0.942	4108.21	0.0009	P	4.2
4	☐	50.000	49.112	203608.89	0.0458	P	0.6
5	☐	125.000	122.078	508036.27	0.1137	P	0.3
6	☐	250.000	244.669	1013841.69	0.2279	P	0.5
7	☐	500.000	506.503	2099155.60	0.4717	A	1.2
8	☐	1000.000	998.491	4131861.41	0.9299	A	1.3
9	☐			20845.46	0.0051	P	1.0

$$y = 9.3127\text{E-}004 * x + 5.6292\text{E-}005$$

$$R = 1.0000$$

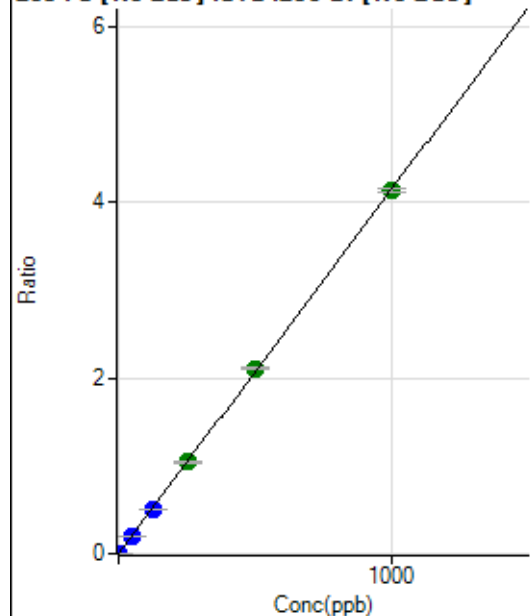
$$DL = 0.0178$$

$$BEC = 0.06045$$

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	1133.40	0.0003	P	5.4
2	☐	0.100					
3	☐	1.000	0.931	18129.70	0.0041	P	1.1
4	☐	50.000	49.533	915076.90	0.2058	P	0.8
5	☐	125.000	123.847	2296673.00	0.5142	P	0.2
6	☐	250.000	251.092	4636387.07	1.0422	A	0.7
7	☐	500.000	507.846	9379039.07	2.1077	A	0.6
8	☐	1000.000	995.971	18365635.51	4.1334	A	1.2
9	☐			96562.55	0.0234	P	1.3

$$y = 0.0041 * x + 2.5724\text{E-}004$$

$$R = 1.0000$$

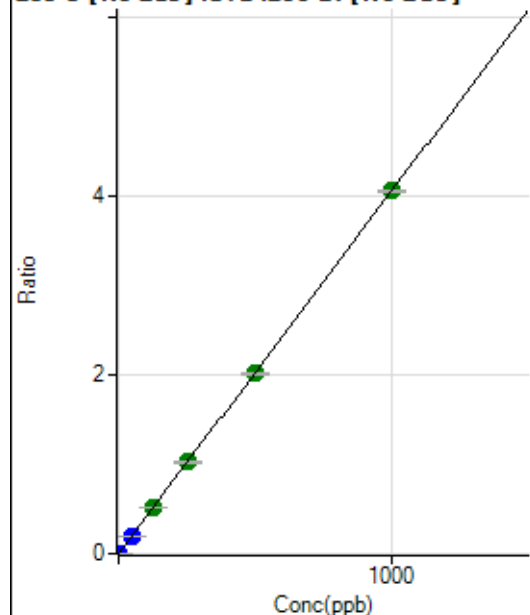
$$DL = 0.01011$$

$$BEC = 0.06199$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.67	0.0000	P	24.2
2	☐	0.100					
3	☐	1.000	0.938	16798.02	0.0038	P	4.6
4	☐	50.000	49.222	886139.17	0.1993	P	0.7
5	☐	125.000	126.255	2283162.10	0.5112	A	1.2
6	☐	250.000	252.099	4540330.83	1.0207	A	0.5
7	☐	500.000	496.883	8951627.72	2.0117	A	0.9
8	☐	1000.000	1000.916	18006209.43	4.0523	A	0.6
9	☐			1552.96	0.0004	P	5.1

$$y = 0.0040 * x + 2.0801E-005$$

$$R = 1.0000$$

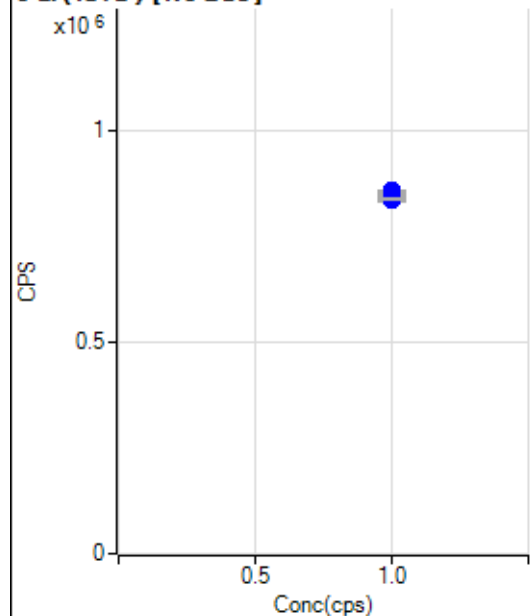
$$DL = 0.003724$$

$$BEC = 0.005138$$

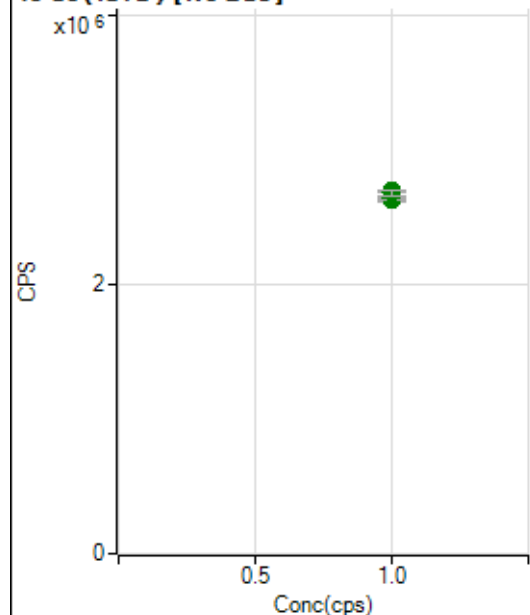
Weight: <None>

Min Conc: 0

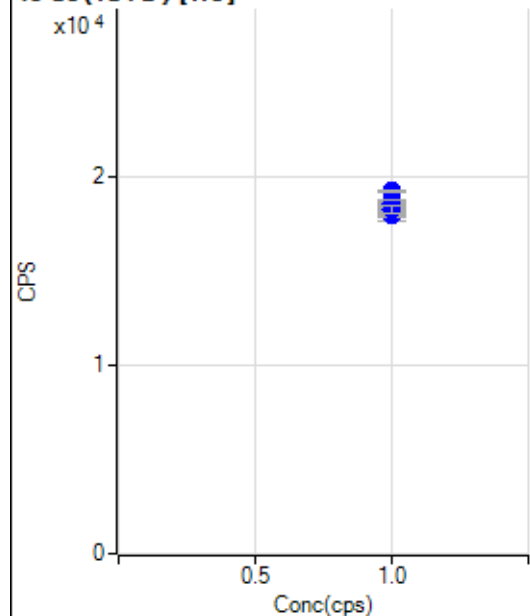
6 Li (ISTD) [No Gas]



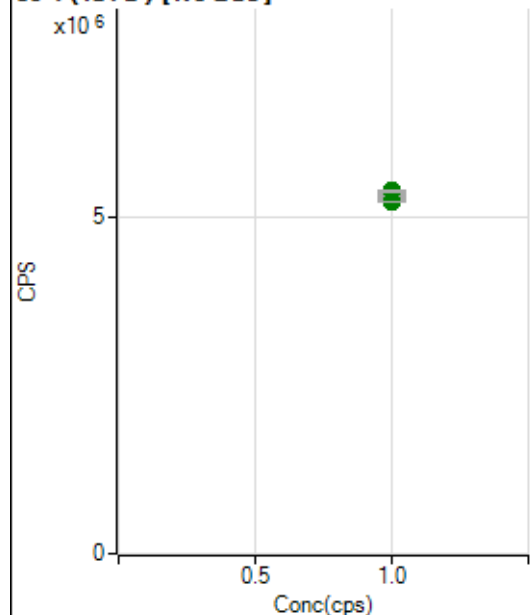
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		846524.41		P	0.8
2	☐	1.000					
3	☐	1.000		853879.48		P	0.2
4	☐	1.000		858538.74		P	0.3
5	☐	1.000		857875.93		P	0.1
6	☐	1.000		850384.16		P	0.3
7	☐	1.000		843314.08		P	0.5
8	☐	1.000		835497.73		P	0.3
9	☐	1.000		840168.45		P	0.9

45 Sc (ISTD) [No Gas]

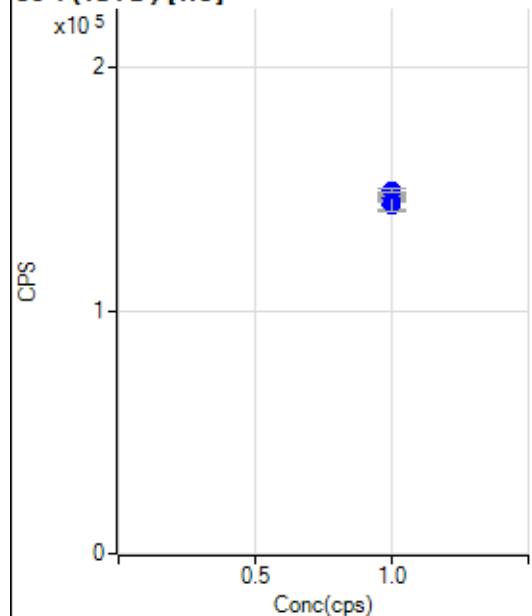
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2629375.30		A	0.5
2	☐	1.000					
3	☐	1.000		2633173.65		A	1.3
4	☐	1.000		2659527.34		A	0.2
5	☐	1.000		2650638.88		A	0.7
6	☐	1.000		2646087.04		A	0.6
7	☐	1.000		2643056.28		A	0.8
8	☐	1.000		2693653.43		A	0.4
9	☐	1.000		2679235.91		A	1.3

45 Sc (ISTD) [He]

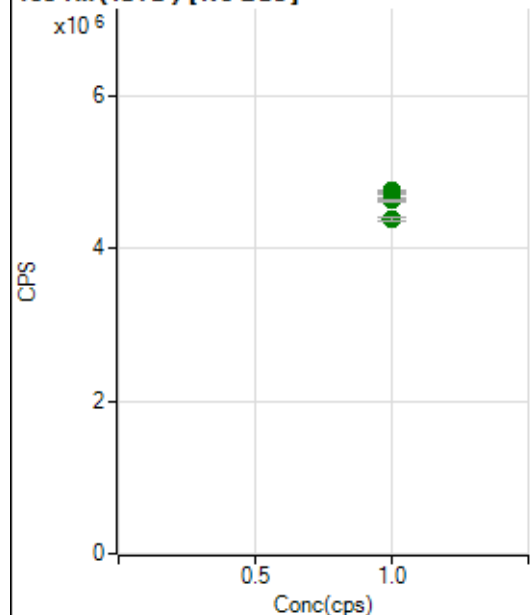
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18383.36		P	1.9
2	☐	1.000					
3	☐	1.000		18521.30		P	1.4
4	☐	1.000		18731.57		P	0.3
5	☐	1.000		17927.19		P	2.7
6	☐	1.000		17913.84		P	0.4
7	☐	1.000		18536.90		P	2.2
8	☐	1.000		18239.93		P	2.2
9	☐	1.000		19231.11		P	0.8

89 Y (ISTD) [No Gas]

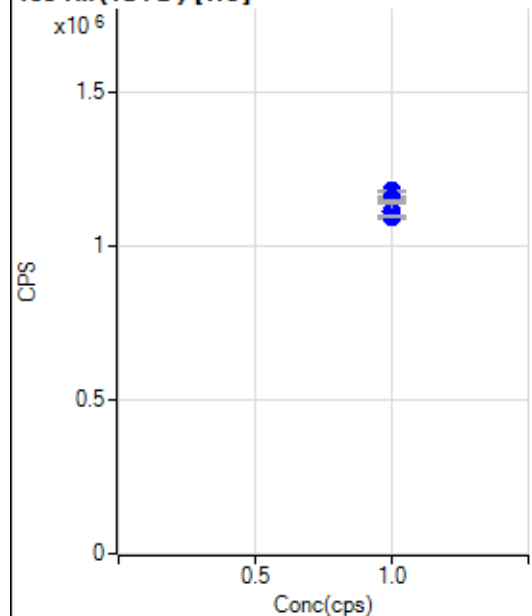
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5315549.57		A	0.2
2	☐	1.000					
3	☐	1.000		5278491.90		A	0.2
4	☐	1.000		5337738.67		A	1.3
5	☐	1.000		5328146.52		A	0.3
6	☐	1.000		5347999.02		A	1.0
7	☐	1.000		5349602.77		A	0.5
8	☐	1.000		5402715.34		A	0.7
9	☐	1.000		5246117.18		A	0.3

89 Y (ISTD) [He]

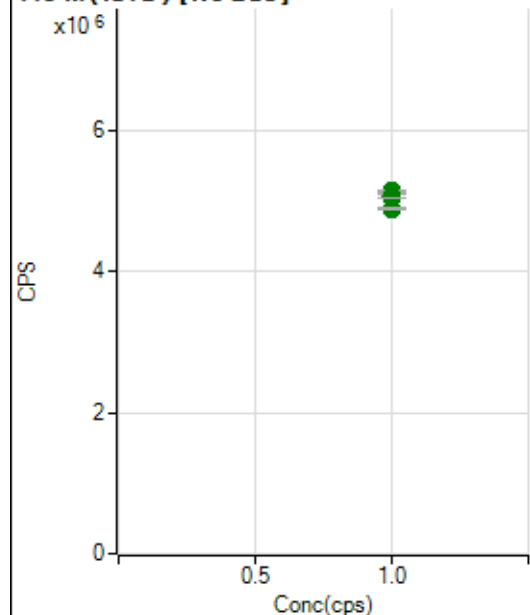
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		146486.45		P	0.3
2	☐	1.000					
3	☐	1.000		147082.19		P	0.9
4	☐	1.000		147407.55		P	0.5
5	☐	1.000		143362.63		P	2.1
6	☐	1.000		145652.24		P	0.4
7	☐	1.000		146354.21		P	1.5
8	☐	1.000		144187.04		P	4.3
9	☐	1.000		149189.81		P	1.2

103 Rh (ISTD) [No Gas]

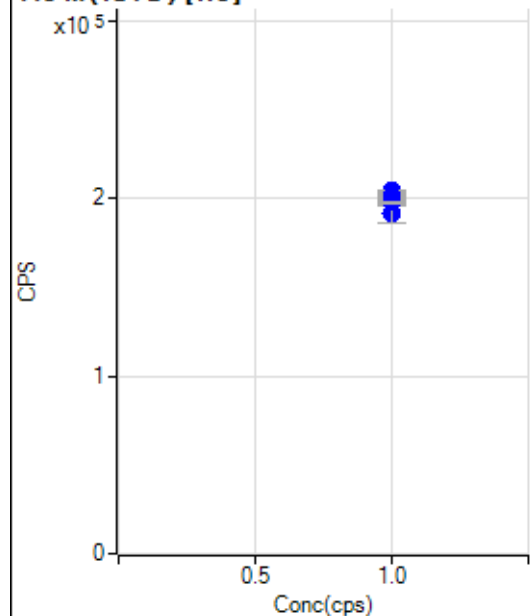
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4760038.09		A	0.5
2	☐	1.000					
3	☐	1.000		4737448.80		A	0.1
4	☐	1.000		4748272.59		A	0.4
5	☐	1.000		4717637.52		A	0.5
6	☐	1.000		4669604.31		A	0.2
7	☐	1.000		4642209.09		A	0.4
8	☐	1.000		4633344.59		A	0.2
9	☐	1.000		4397719.98		A	0.9

103 Rh (ISTD) [He]

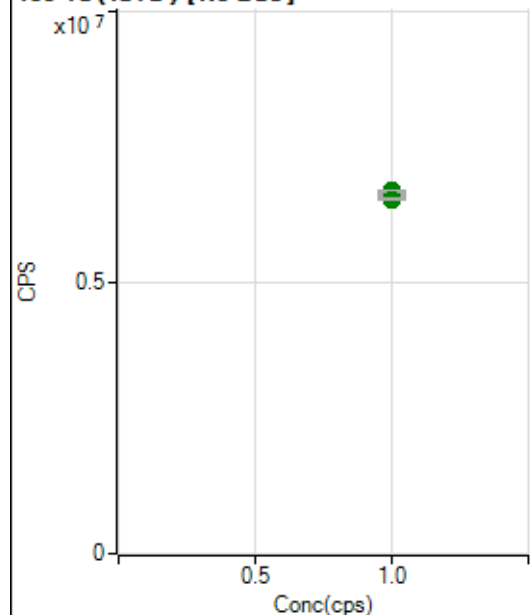
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1172591.94		P	0.1
2	☐	1.000					
3	☐	1.000		1176166.53		P	0.4
4	☐	1.000		1177766.94		P	0.3
5	☐	1.000		1147238.88		P	2.3
6	☐	1.000		1155451.74		P	0.5
7	☐	1.000		1146580.57		P	0.5
8	☐	1.000		1112649.38		P	4.2
9	☐	1.000		1094915.62		P	0.5

115 In (ISTD) [No Gas]

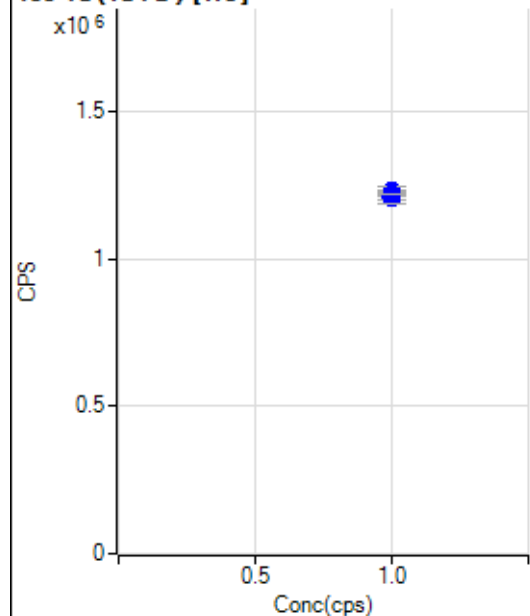
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5136775.47		A	0.6
2	☐	1.000					
3	☐	1.000		5085235.15		A	0.3
4	☐	1.000		5133414.14		A	0.3
5	☐	1.000		5127885.63		A	0.3
6	☐	1.000		5126272.48		A	0.3
7	☐	1.000		5070649.06		A	0.8
8	☐	1.000		5038323.82		A	0.3
9	☐	1.000		4885567.39		A	0.5

115 In (ISTD) [He]

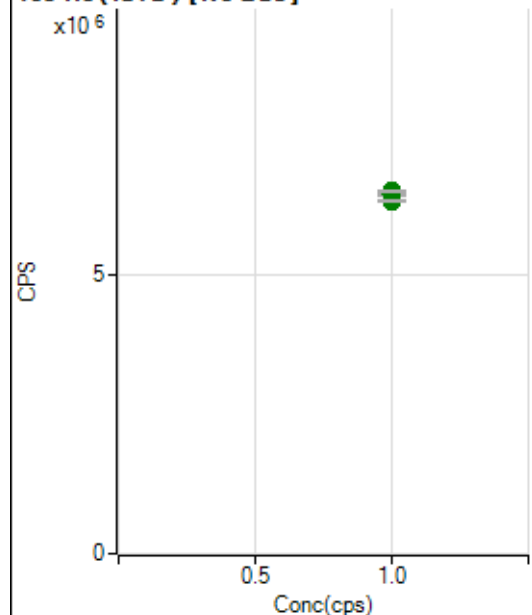
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		203733.81		P	0.6
2	☐	1.000					
3	☐	1.000		204426.05		P	0.9
4	☐	1.000		204487.78		P	0.3
5	☐	1.000		200780.64		P	2.4
6	☐	1.000		201779.95		P	0.3
7	☐	1.000		199710.10		P	0.8
8	☐	1.000		191340.41		P	4.7
9	☐	1.000		198015.05		P	0.3

159 Tb (ISTD) [No Gas]

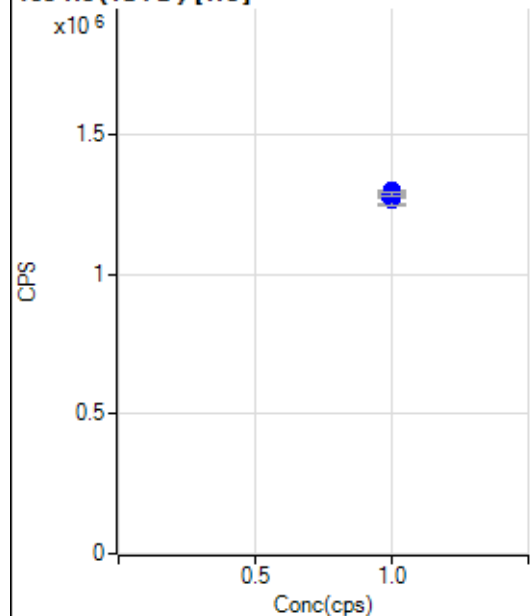
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6572308.37		A	0.5
2	☐	1.000					
3	☐	1.000		6544619.62		A	0.5
4	☐	1.000		6613697.89		A	1.2
5	☐	1.000		6604478.17		A	0.3
6	☐	1.000		6672562.89		A	0.5
7	☐	1.000		6658335.18		A	1.2
8	☐	1.000		6693911.08		A	0.5
9	☐	1.000		6531382.19		A	0.5

159 Tb (ISTD) [He]

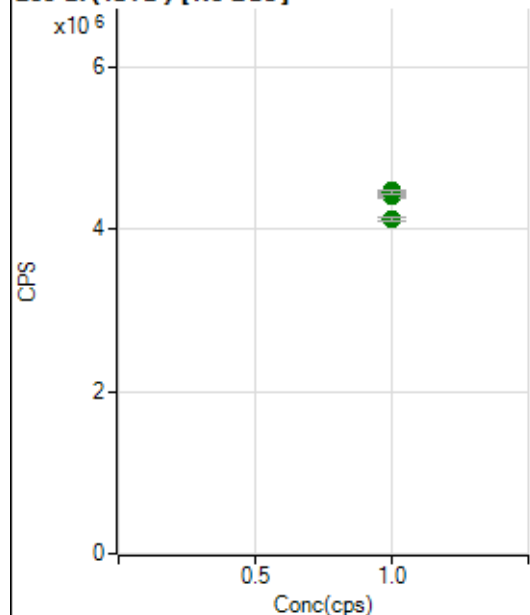
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1214956.50		P	0.5
2	☐	1.000					
3	☐	1.000		1215486.99		P	0.1
4	☐	1.000		1220490.84		P	0.1
5	☐	1.000		1206770.98		P	1.3
6	☐	1.000		1225833.18		P	0.4
7	☐	1.000		1231245.62		P	0.7
8	☐	1.000		1217018.95		P	4.4
9	☐	1.000		1221948.91		P	0.2

165 Ho (ISTD) [No Gas]

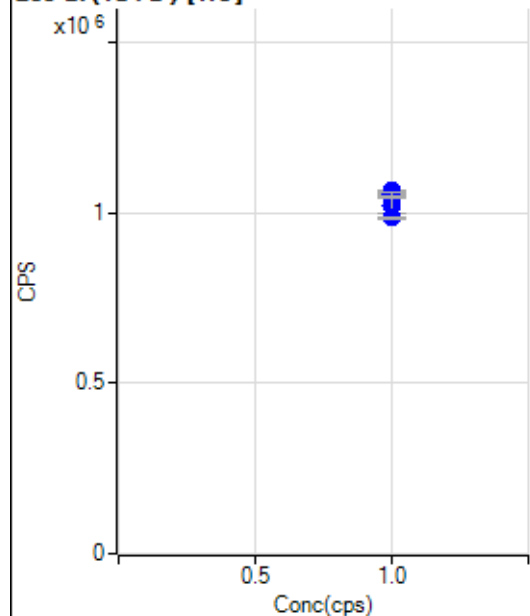
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6350410.12		A	0.8
2	☐	1.000					
3	☐	1.000		6343090.46		A	0.6
4	☐	1.000		6348237.99		A	0.7
5	☐	1.000		6453486.13		A	0.5
6	☐	1.000		6455727.10		A	1.0
7	☐	1.000		6502437.82		A	0.1
8	☐	1.000		6525869.50		A	0.2
9	☐	1.000		6335469.02		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1271849.05		P	0.1
2	☐	1.000					
3	☐	1.000		1273149.69		P	0.3
4	☐	1.000		1281706.11		P	0.4
5	☐	1.000		1264674.12		P	1.6
6	☐	1.000		1287291.54		P	0.2
7	☐	1.000		1296952.88		P	0.6
8	☐	1.000		1272699.12		P	4.4
9	☐	1.000		1285384.30		P	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4407580.49		A	1.1
2	☐	1.000					
3	☐	1.000		4398590.56		A	0.6
4	☐	1.000		4446354.62		A	0.6
5	☐	1.000		4466515.52		A	0.2
6	☐	1.000		4448527.85		A	0.7
7	☐	1.000		4449952.89		A	0.7
8	☐	1.000		4443631.08		A	1.1
9	☐	1.000		4124376.81		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1057439.71		P	0.6
2	☐	1.000					
3	☐	1.000		1058907.06		P	0.3
4	☐	1.000		1063526.52		P	0.2
5	☐	1.000		1048918.20		P	1.6
6	☐	1.000		1054905.06		P	0.5
7	☐	1.000		1054277.06		P	0.8
8	☐	1.000		1021416.15		P	4.4
9	☐	1.000		984651.60		P	0.8

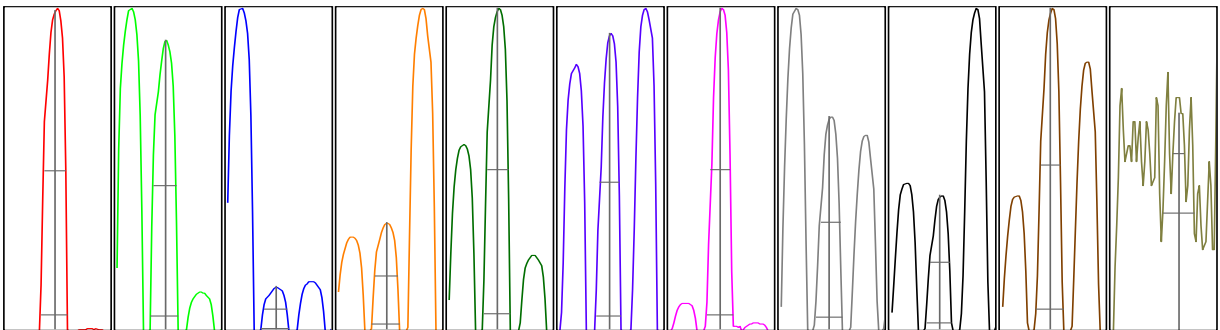
US EPA Tune Check Sample Report

Batch Folder D:\P8041918 -MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4035	1.60	5.00	
24	29931	1.38	5.00	
25	4006	1.48	5.00	
26	4617	1.45	5.00	
59	45752	1.29	5.00	
113	7127	0.83	5.00	
115	91219	0.63	5.00	
206	22070	0.96	5.00	
207	19946	0.75	5.00	
208	47664	0.85	5.00	
220	1	13.86		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3922	4070	4077	4062	4045
24	29226	30046	29940	30257	30185
25	3902	4012	4039	4040	4036
26	4499	4631	4643	4650	4663
59	44721	45867	45970	46235	45969
113	7026	7181	7144	7153	7131
115	90419	91751	91095	91803	91029
206	21720	22032	22243	22199	22155
207	19687	19994	19987	20071	19989
208	46961	47969	47807	47858	47725
220	2	1	1	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	6680	8.95	8.9 - 9.1		0.778	0.900	
24	48831	23.95	23.9 - 24.1		0.786	0.900	
25	6520	24.95	24.9 - 25.1		0.787	0.900	
26	7530	25.95	25.9 - 26.1		0.785	0.900	
59	77681	58.95	58.9 - 59.1		0.778	0.900	
113	13328	113.00	112.9 - 113.1		0.727	0.900	
115	168273	115.00	114.9 - 115.1		0.765	0.900	
206	40067	205.95	205.9 - 206.1		0.774	0.900	
207	36743	206.95	206.9 - 207.1		0.741	0.900	
208	87656	207.95	207.9 - 208.1		0.773	0.900	
220	2	220.45	-		0.892		

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	14.0	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0
He Flow	0.0	mL/min	OctP RF	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5257	1.69	
89	1681	1.84	
205	9326	1.36	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5103	5307	5325	5272	5277
89	1626	1696	1701	1687	1693
205	9102	9411	9391	9362	9365

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	2.2	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:23:54	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.97	-5.91	6.87	0.00	N/A	ppb
Antimony	121-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.03	0.03	0.00	N/A	ppb
Barium	135-1	0.01	0.01	-0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.20	-0.50	0.31	0.00	N/A	ppb
Boron	11-1	-0.13	0.12	0.01	0.00	N/A	ppb
Cadmium	111-1	0.01	0.00	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.00	0.07	-0.06	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.01	0.01	0.00	N/A	ppb
Calcium	43-1	6.16	-8.43	2.27	0.00	N/A	ppb
Calcium	44-1	1.70	-2.54	0.84	0.00	N/A	ppb
Chromium	52-2	-0.02	0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.04	0.08	-0.03	0.00	N/A	ppb
Iron	57-2	1.34	-0.71	-0.63	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	4.22	-2.44	-1.78	0.00	N/A	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:23:54	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.12	0.01	0.11	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.03	0.00	0.03	0.00	N/A	ppb
Molybdenum	97-1	-0.04	0.03	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	-0.18	-0.01	0.19	0.00	N/A	ppb
Phosphorus	31-2	-39.94	28.42	-4.71	-5.41		ppb
Potassium	39-2	15.73	-9.91	-5.82	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.39	-0.79	0.40	0.00	N/A	ppb
Selenium	82-1	-0.12	-0.38	0.50	0.00	N/A	ppb
Silicon	28-1	0.14	0.75	-0.89	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	-0.01	0.01	0.00	N/A	ppb
Sodium	23-2	1.04	-0.72	-0.33	0.00	N/A	ppb
Strontium	86-1	0.01	-0.04	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-53.25	53.81	9.48	3.35	1606.93	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.10	0.12	-0.02	0.00	N/A	ppb
Titanium	47-1	0.02	0.03	-0.05	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	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.01	0.01	-0.02	0.00	N/A	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:23:54	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	-0.01	0.00	0.02	0.00	N/A	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:31:26	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.42	21.13	31.93	19.83	64.57	ppb
Antimony	121-1	1.93	1.99	1.79	1.90	5.25	ppb
Arsenic	75-2	0.70	1.11	1.23	1.01	27.58	ppb
Barium	135-1	9.46	9.57	9.53	9.52	0.59	ppb
Barium	137-1	9.21	9.65	9.40	9.42	2.34	ppb
Beryllium	9-1	0.95	1.11	1.02	1.02	7.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	22.94	24.78	21.12	22.95	7.96	ppb
Boron	11-1	21.03	23.09	21.62	21.91	4.84	ppb
Cadmium	111-1	0.99	0.91	1.07	0.99	7.74	ppb
Cadmium	106-1	1.32	0.08	1.90	1.10	84.52	ppb
Cadmium	108-1	0.57	0.87	0.82	0.75	21.46	ppb
Calcium	43-1	460.55	472.33	523.04	485.31	6.84	ppb
Calcium	44-1	458.84	467.50	459.68	462.01	1.03	ppb
Chromium	52-2	2.17	2.10	2.04	2.10	3.10	ppb
Cobalt	59-2	0.85	0.94	1.00	0.93	7.97	ppb
Copper	63-2	1.89	1.94	1.95	1.93	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	52.93	52.88	51.07	52.29	2.03	ppb
Iron	57-2	57.76	45.21	51.42	51.46	12.20	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.96	0.90	0.92	2.99	ppb
Lead	207-1	0.99	0.91	0.92	0.94	4.47	ppb
Lead	208-1	0.93	0.94	0.92	0.93	1.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	456.60	495.68	473.39	475.22	4.13	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:31:26	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.92	0.94	1.27	1.04	18.59	ppb
Molybdenum	94-1	4.78	4.81	4.57	4.72	2.72	ppb
Molybdenum	95-1	4.62	4.75	4.71	4.69	1.36	ppb
Molybdenum	96-1	4.85	4.79	4.93	4.86	1.38	ppb
Molybdenum	97-1	4.81	4.44	4.97	4.74	5.75	ppb
Molybdenum	98-1	4.69	4.70	4.69	4.69	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.68	1.01	0.82	20.59	ppb
Phosphorus	31-2	96.11	-39.94	-39.94	5.41	1451.63	ppb
Potassium	39-2	463.47	416.92	527.84	469.41	11.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	6.89	6.98	0.00	4.62	86.61	ppb
Selenium	78-2	0.38	2.82	1.56	1.58	76.85	ppb
Selenium	82-1	5.08	4.49	4.91	4.83	6.34	ppb
Silicon	28-1	19.29	17.99	16.42	17.90	8.02	ppb
Silver	109-1	1.00	1.02	0.98	1.00	1.79	ppb
Silver	107-1	1.00	1.03	0.97	1.00	2.97	ppb
Sodium	23-2	483.98	458.09	505.37	482.48	4.91	ppb
Strontium	86-1	0.94	1.04	1.05	1.01	6.19	ppb
Strontium	88-1	0.97	0.97	0.99	0.98	1.04	ppb
Sulfur	34-1	118.24	87.24	-215.52	-3.35		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.96	0.92	0.97	0.95	2.83	ppb
Thallium	205-1	0.96	0.97	1.03	0.99	3.95	ppb
Tin	118-1	4.72	4.54	4.67	4.64	1.99	ppb
Titanium	47-1	4.91	5.04	5.09	5.01	1.85	ppb
Uranium	238-1	0.89	0.98	0.94	0.94	4.65	ppb
Vanadium	51-2	4.73	4.64	4.91	4.76	2.91	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2.16	2.27	2.09	2.17	4.04	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:31:26	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.95	0.94	0.93	2.69	ppb
Zirconium	91-1	0.91	0.88	0.94	0.91	3.09	ppb

LB Number : LB94756 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 16:35:12 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1028.91	873.88	951.46	951.42	8.15	ppb
Antimony	121-1	50.17	49.08	49.79	49.68	1.12	ppb
Arsenic	75-2	49.91	48.30	49.83	49.35	1.83	ppb
Barium	135-1	253.28	249.21	252.09	251.53	0.83	ppb
Barium	137-1	255.08	250.52	253.97	253.19	0.94	ppb
Beryllium	9-1	50.80	50.34	50.85	50.66	0.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	41.96	49.65	48.99	46.87	9.10	ppb
Boron	11-1	48.62	46.83	47.02	47.49	2.07	ppb
Cadmium	111-1	51.13	50.21	52.17	51.17	1.92	ppb
Cadmium	106-1	50.38	50.01	50.40	50.26	0.43	ppb
Cadmium	108-1	53.14	51.10	52.55	52.26	2.01	ppb
Calcium	43-1	4988.14	4960.94	4962.81	4970.63	0.31	ppb
Calcium	44-1	4936.14	4892.16	4887.20	4905.17	0.55	ppb
Chromium	52-2	50.35	49.43	49.60	49.79	0.98	ppb
Cobalt	59-2	51.43	50.93	50.73	51.03	0.70	ppb
Copper	63-2	101.14	101.27	101.07	101.16	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	2637.87	2638.80	2639.32	2638.67	0.03	ppb
Iron	57-2	2573.76	2551.08	2545.39	2556.74	0.59	ppb
Krypton	83-1						cps
Lead	206-1	50.40	49.57	50.76	50.24	1.21	ppb
Lead	207-1	49.10	48.82	49.42	49.11	0.60	ppb
Lead	208-1	49.59	49.13	49.88	49.53	0.76	ppb
Lithium	6-1				101		%
Magnesium	24-2	5184.19	5150.27	5088.87	5141.11	0.94	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:35:12	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.18	97.50	98.51	98.40	0.86	ppb
Molybdenum	94-1	254.10	248.30	254.30	252.23	1.35	ppb
Molybdenum	95-1	252.41	250.08	254.59	252.36	0.89	ppb
Molybdenum	96-1	252.61	247.46	253.39	251.15	1.28	ppb
Molybdenum	97-1	253.44	248.56	254.72	252.24	1.29	ppb
Molybdenum	98-1	252.52	246.16	255.80	251.49	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.76	52.24	51.50	51.83	0.72	ppb
Phosphorus	31-2	707.43	1108.95	871.59	895.99	22.53	ppb
Potassium	39-2	2474.59	2416.07	2428.18	2439.61	1.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	48.48	34.59	96.10	59.72	54.01	ppb
Selenium	78-2	52.75	55.04	46.35	51.38	8.76	ppb
Selenium	82-1	52.78	52.07	51.91	52.25	0.89	ppb
Silicon	28-1	63.39	64.04	64.42	63.95	0.82	ppb
Silver	109-1	51.68	50.51	51.41	51.20	1.20	ppb
Silver	107-1	51.94	51.26	52.34	51.85	1.05	ppb
Sodium	23-2	5164.40	5093.91	5084.39	5114.23	0.85	ppb
Strontium	86-1	51.33	50.47	50.53	50.77	0.94	ppb
Strontium	88-1	51.33	50.07	51.04	50.81	1.30	ppb
Sulfur	34-1	940.07	932.01	996.99	956.36	3.70	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	49.75	49.75	50.03	49.84	0.32	ppb
Thallium	205-1	50.27	49.88	50.85	50.33	0.96	ppb
Tin	118-1	51.22	49.23	50.88	50.44	2.11	ppb
Titanium	47-1	253.47	252.38	250.50	252.12	0.60	ppb
Uranium	238-1	49.51	48.81	49.35	49.22	0.75	ppb
Vanadium	51-2	50.84	50.41	48.40	49.88	2.61	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	106.75	100.72	102.31	103.26	3.02	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:35:12	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.84	49.14	50.72	50.23	1.89	ppb
Zirconium	91-1	49.81	48.59	49.89	49.43	1.48	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:38:59	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2489.99	2551.27	2577.06	2539.44	1.76	ppb
Antimony	121-1	125.47	127.22	127.04	126.58	0.76	ppb
Arsenic	75-2	126.08	125.43	129.16	126.89	1.57	ppb
Barium	135-1	628.97	631.09	629.13	629.73	0.19	ppb
Barium	137-1	647.02	642.67	651.79	647.16	0.70	ppb
Beryllium	9-1	127.00	125.77	127.53	126.77	0.71	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	120.53	120.10	124.86	121.83	2.16	ppb
Boron	11-1	119.74	123.04	124.07	122.28	1.85	ppb
Cadmium	111-1	127.17	129.50	128.43	128.37	0.91	ppb
Cadmium	106-1	121.00	131.74	130.44	127.72	4.59	ppb
Cadmium	108-1	123.80	132.76	131.40	129.32	3.73	ppb
Calcium	43-1	12259.78	12479.17	12330.35	12356.43	0.91	ppb
Calcium	44-1	12415.03	12554.56	12489.33	12486.31	0.56	ppb
Chromium	52-2	131.62	126.72	132.60	130.31	2.42	ppb
Cobalt	59-2	130.21	125.59	132.45	129.42	2.70	ppb
Copper	63-2	260.38	251.91	267.85	260.05	3.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	6916.79	6622.25	7082.68	6873.91	3.39	ppb
Iron	57-2	6670.44	6415.26	6923.81	6669.84	3.81	ppb
Krypton	83-1						cps
Lead	206-1	124.81	124.62	124.51	124.65	0.12	ppb
Lead	207-1	122.52	121.71	122.00	122.08	0.34	ppb
Lead	208-1	124.09	123.57	123.88	123.85	0.21	ppb
Lithium	6-1				101		%
Magnesium	24-2	13242.89	13002.28	13647.47	13297.55	2.45	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:38:59	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	258.74	250.99	263.22	257.65	2.40	ppb
Molybdenum	94-1	632.72	637.64	637.97	636.11	0.46	ppb
Molybdenum	95-1	644.30	639.46	638.60	640.78	0.48	ppb
Molybdenum	96-1	639.73	648.55	639.54	642.61	0.80	ppb
Molybdenum	97-1	633.58	632.11	635.23	633.64	0.25	ppb
Molybdenum	98-1	633.45	637.29	644.12	638.29	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.76	127.23	136.36	132.78	3.67	ppb
Phosphorus	31-2	2303.68	2365.23	2679.75	2449.55	8.23	ppb
Potassium	39-2	6267.70	6095.90	6521.25	6294.95	3.40	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	148.07	146.61	167.09	153.92	7.42	ppb
Selenium	78-2	133.66	109.54	124.05	122.42	9.92	ppb
Selenium	82-1	127.00	129.01	130.63	128.88	1.41	ppb
Silicon	28-1	158.51	162.66	159.31	160.16	1.38	ppb
Silver	109-1	127.69	129.40	127.95	128.34	0.72	ppb
Silver	107-1	128.23	129.41	129.78	129.14	0.63	ppb
Sodium	23-2	13412.45	12755.98	13675.57	13281.34	3.57	ppb
Strontium	86-1	125.10	124.76	126.02	125.30	0.52	ppb
Strontium	88-1	129.15	130.77	129.49	129.80	0.66	ppb
Sulfur	34-1	2226.33	2067.65	1578.78	1957.59	17.24	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	125.49	124.21	125.78	125.16	0.67	ppb
Thallium	205-1	126.39	126.41	125.35	126.05	0.48	ppb
Tin	118-1	126.26	127.41	126.25	126.64	0.53	ppb
Titanium	47-1	629.91	630.25	627.33	629.17	0.25	ppb
Uranium	238-1	126.02	124.91	127.83	126.26	1.17	ppb
Vanadium	51-2	128.15	122.27	131.61	127.34	3.71	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	267.73	256.26	270.41	264.80	2.84	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:38:59	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	126.68	127.14	127.59	127.14	0.36	ppb
Zirconium	91-1	124.50	125.53	125.67	125.23	0.51	ppb

LB Number : LB94756 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 16:42:40 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5304.09	4867.92	4832.60	5001.54	5.25	ppb
Antimony	121-1	250.47	253.30	252.14	251.97	0.56	ppb
Arsenic	75-2	251.14	249.92	245.95	249.00	1.09	ppb
Barium	135-1	1264.80	1271.13	1268.86	1268.26	0.25	ppb
Barium	137-1	1267.74	1267.62	1264.30	1266.55	0.15	ppb
Beryllium	9-1	254.64	248.76	250.27	251.23	1.22	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	245.52	254.83	248.30	249.55	1.91	ppb
Boron	11-1	237.99	247.36	251.37	245.58	2.80	ppb
Cadmium	111-1	252.76	253.94	252.26	252.99	0.34	ppb
Cadmium	106-1	246.49	251.83	243.35	247.23	1.74	ppb
Cadmium	108-1	254.86	256.83	247.10	252.93	2.03	ppb
Calcium	43-1	24929.91	24320.78	24728.45	24659.71	1.26	ppb
Calcium	44-1	24442.23	24350.00	24501.68	24431.30	0.31	ppb
Chromium	52-2	255.03	259.01	256.70	256.91	0.78	ppb
Cobalt	59-2	257.57	257.43	255.37	256.79	0.48	ppb
Copper	63-2	511.44	513.11	509.23	511.26	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	13652.40	13503.46	13282.45	13479.44	1.38	ppb
Iron	57-2	13087.21	13129.11	13018.18	13078.17	0.43	ppb
Krypton	83-1						cps
Lead	206-1	249.79	248.23	251.55	249.86	0.67	ppb
Lead	207-1	245.26	243.33	245.42	244.67	0.48	ppb
Lead	208-1	252.67	249.22	251.38	251.09	0.69	ppb
Lithium	6-1				100		%
Magnesium	24-2	26399.35	26289.87	26187.64	26292.29	0.40	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:42:40	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	506.59	512.11	508.33	509.01	0.55	ppb
Molybdenum	94-1	1256.22	1282.00	1273.91	1270.71	1.04	ppb
Molybdenum	95-1	1263.32	1284.93	1271.43	1273.23	0.86	ppb
Molybdenum	96-1	1246.23	1272.52	1255.33	1258.03	1.06	ppb
Molybdenum	97-1	1256.15	1262.37	1273.57	1264.03	0.70	ppb
Molybdenum	98-1	1238.11	1256.75	1262.33	1252.40	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.51	260.59	255.33	258.48	1.08	ppb
Phosphorus	31-2	4841.36	5217.56	5779.10	5279.34	8.94	ppb
Potassium	39-2	12779.36	12713.86	12352.20	12615.14	1.82	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	251.75	280.39	299.04	277.06	8.60	ppb
Selenium	78-2	249.06	224.37	266.78	246.74	8.63	ppb
Selenium	82-1	251.86	256.92	256.57	255.12	1.11	ppb
Silicon	28-1	318.35	312.43	318.15	316.31	1.06	ppb
Silver	109-1	258.34	259.26	256.46	258.02	0.55	ppb
Silver	107-1	251.97	256.86	254.83	254.55	0.96	ppb
Sodium	23-2	26310.20	26517.65	26246.46	26358.10	0.54	ppb
Strontium	86-1	246.93	253.56	252.12	250.87	1.39	ppb
Strontium	88-1	249.23	254.08	253.70	252.33	1.07	ppb
Sulfur	34-1	4194.07	3849.16	3995.35	4012.86	4.31	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	249.65	247.50	252.00	249.72	0.90	ppb
Thallium	205-1	256.25	254.79	255.89	255.65	0.30	ppb
Tin	118-1	248.20	250.46	248.39	249.02	0.50	ppb
Titanium	47-1	1253.18	1249.59	1238.90	1247.23	0.60	ppb
Uranium	238-1	252.25	250.82	253.23	252.10	0.48	ppb
Vanadium	51-2	255.60	255.60	250.40	253.87	1.18	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	522.13	516.58	520.26	519.66	0.54	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:42:40	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	251.80	256.50	257.84	255.38	1.24	ppb
Zirconium	91-1	245.38	247.86	249.18	247.47	0.78	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:46:15	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9899.68	10029.11	9877.87	9935.55	0.82	ppb
Antimony	121-1	504.19	506.18	514.35	508.24	1.06	ppb
Arsenic	75-2	486.13	492.32	482.94	487.13	0.98	ppb
Barium	135-1	2505.25	2512.24	2549.68	2522.39	0.95	ppb
Barium	137-1	2492.06	2496.88	2545.33	2511.42	1.17	ppb
Beryllium	9-1	507.45	496.82	500.82	501.70	1.07	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	479.01	494.42	497.90	490.44	2.05	ppb
Boron	11-1	490.35	490.27	505.42	495.35	1.76	ppb
Cadmium	111-1	503.22	494.59	508.54	502.12	1.40	ppb
Cadmium	106-1	498.56	491.88	514.62	501.69	2.33	ppb
Cadmium	108-1	509.52	496.64	512.50	506.22	1.66	ppb
Calcium	43-1	49307.55	49523.31	49145.67	49325.51	0.38	ppb
Calcium	44-1	48274.44	48606.86	48213.55	48364.95	0.44	ppb
Chromium	52-2	490.92	496.82	477.40	488.38	2.04	ppb
Cobalt	59-2	497.92	500.34	482.70	493.66	1.94	ppb
Copper	63-2	990.23	995.95	957.68	981.29	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	26096.05	25760.07	25163.99	25673.37	1.84	ppb
Iron	57-2	25345.72	25558.99	24779.65	25228.12	1.60	ppb
Krypton	83-1						cps
Lead	206-1	513.51	500.56	507.53	507.20	1.28	ppb
Lead	207-1	510.19	499.41	509.91	506.50	1.21	ppb
Lead	208-1	511.08	504.86	507.60	507.85	0.61	ppb
Lithium	6-1				100		%
Magnesium	24-2	50900.84	50619.13	49131.17	50217.05	1.89	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:46:15	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.90	988.30	971.53	981.91	0.92	ppb
Molybdenum	94-1	2513.34	2544.97	2509.28	2522.53	0.77	ppb
Molybdenum	95-1	2491.38	2539.47	2509.23	2513.36	0.97	ppb
Molybdenum	96-1	2520.65	2529.88	2507.12	2519.22	0.45	ppb
Molybdenum	97-1	2500.05	2538.60	2510.59	2516.41	0.79	ppb
Molybdenum	98-1	2511.08	2515.93	2491.49	2506.17	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.73	504.16	484.75	495.55	1.99	ppb
Phosphorus	31-2	10030.51	10297.16	9827.72	10051.80	2.34	ppb
Potassium	39-2	24732.29	24520.09	23756.46	24336.28	2.11	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	418.37	514.22	485.78	472.79	10.41	ppb
Selenium	78-2	465.14	534.03	508.08	502.42	6.92	ppb
Selenium	82-1	503.90	505.62	506.42	505.32	0.25	ppb
Silicon	28-1	529.56	574.45	547.32	550.44	4.11	ppb
Silver	109-1	504.58	500.17	515.23	506.66	1.53	ppb
Silver	107-1	507.48	500.54	515.86	507.96	1.51	ppb
Sodium	23-2	51161.53	51104.09	49110.01	50458.54	2.32	ppb
Strontium	86-1	500.88	501.58	499.21	500.56	0.24	ppb
Strontium	88-1	503.39	509.01	502.87	505.09	0.67	ppb
Sulfur	34-1	9469.14	9937.79	9212.28	9539.74	3.86	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	516.76	505.21	511.38	511.12	1.13	ppb
Thallium	205-1	508.50	505.86	504.31	506.22	0.42	ppb
Tin	118-1	506.65	501.78	510.77	506.40	0.89	ppb
Titanium	47-1	2526.77	2550.18	2538.03	2538.33	0.46	ppb
Uranium	238-1	501.79	495.37	493.49	496.88	0.88	ppb
Vanadium	51-2	491.85	494.14	475.44	487.14	2.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	1014.43	1009.60	971.05	998.36	2.38	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:46:15	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	505.51	507.21	502.81	505.17	0.44	ppb
Zirconium	91-1	497.61	500.21	495.26	497.69	0.50	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:49:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19934.89	20159.26	21401.70	20498.61	3.85	ppb
Antimony	121-1	1002.68	985.29	997.66	995.21	0.90	ppb
Arsenic	75-2	984.18	975.54	1059.72	1006.48	4.60	ppb
Barium	135-1	5000.78	4919.91	5030.03	4983.57	1.14	ppb
Barium	137-1	4992.17	4951.02	5018.48	4987.22	0.68	ppb
Beryllium	9-1	988.74	1004.96	1002.07	998.59	0.87	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	985.50	1007.34	1023.65	1005.50	1.90	ppb
Boron	11-1	987.56	1003.89	1020.47	1003.98	1.64	ppb
Cadmium	111-1	997.46	991.40	1004.30	997.72	0.65	ppb
Cadmium	106-1	995.46	999.22	1003.80	999.49	0.42	ppb
Cadmium	108-1	996.37	995.93	994.22	995.51	0.11	ppb
Calcium	43-1	98474.82	97831.35	97804.91	98037.03	0.39	ppb
Calcium	44-1	95180.45	96842.51	95274.21	95765.72	0.97	ppb
Chromium	52-2	991.84	991.07	1027.37	1003.43	2.07	ppb
Cobalt	59-2	991.46	983.49	1027.67	1000.87	2.35	ppb
Copper	63-2	1983.28	1973.70	2058.71	2005.23	2.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	52129.37	51660.79	53661.07	52483.75	1.99	ppb
Iron	57-2	51096.55	50751.95	52947.48	51598.66	2.29	ppb
Krypton	83-1						cps
Lead	206-1	997.68	986.22	1005.49	996.47	0.97	ppb
Lead	207-1	989.19	993.14	1013.14	998.49	1.29	ppb
Lead	208-1	987.58	990.85	1009.48	995.97	1.19	ppb
Lithium	6-1				99		%
Magnesium	24-2	104619.75	102857.95	106488.22	104655.31	1.73	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:49:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1992.66	1961.76	2063.32	2005.92	2.60	ppb
Molybdenum	94-1	5020.23	5020.90	4905.04	4982.06	1.34	ppb
Molybdenum	95-1	4992.34	5010.28	4953.64	4985.42	0.58	ppb
Molybdenum	96-1	4995.85	5056.98	4905.56	4986.13	1.53	ppb
Molybdenum	97-1	5010.44	5024.88	4925.97	4987.10	1.07	ppb
Molybdenum	98-1	5010.11	5005.87	4967.77	4994.58	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.25	978.35	1026.53	999.04	2.48	ppb
Phosphorus	31-2	19651.60	19766.92	20328.80	19915.77	1.82	ppb
Potassium	39-2	49257.56	49011.46	50918.88	49729.30	2.09	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	984.38	992.05	1031.79	1002.74	2.54	ppb
Selenium	78-2	1019.69	974.63	1005.31	999.88	2.30	ppb
Selenium	82-1	999.58	997.87	988.95	995.47	0.57	ppb
Silicon	28-1	960.32	953.70	945.07	953.03	0.80	ppb
Silver	109-1	993.49	990.46	998.61	994.19	0.41	ppb
Silver	107-1	987.43	993.54	1001.85	994.27	0.73	ppb
Sodium	23-2	101782.44	100364.20	104885.79	102344.14	2.26	ppb
Strontium	86-1	996.86	998.69	1002.74	999.43	0.30	ppb
Strontium	88-1	1000.58	995.85	992.25	996.23	0.42	ppb
Sulfur	34-1	20519.78	20566.17	20554.75	20546.90	0.12	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	985.63	997.64	1000.24	994.50	0.78	ppb
Thallium	205-1	985.87	995.12	1004.99	995.33	0.96	ppb
Tin	118-1	1004.22	982.55	1003.69	996.82	1.24	ppb
Titanium	47-1	4962.41	5007.28	4973.03	4980.90	0.47	ppb
Uranium	238-1	994.43	1003.04	1005.27	1000.92	0.57	ppb
Vanadium	51-2	1003.50	986.46	1025.57	1005.18	1.95	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	1974.02	1964.60	2043.06	1993.89	2.15	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:49:47	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	991.47	1007.82	988.07	995.79	1.06	ppb
Zirconium	91-1	1010.45	1003.69	991.22	1001.78	0.97	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:53:15	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99511.47	99832.33	100374.64	99906.15	0.44	ppb
Antimony	121-1	3.34	3.60	3.87	3.60	7.36	ppb
Arsenic	75-2	1.90	2.14	1.88	1.97	7.22	ppb
Barium	135-1	1.38	1.34	1.27	1.33	3.99	ppb
Barium	137-1	1.44	1.42	1.39	1.42	1.68	ppb
Beryllium	9-1	0.92	0.84	0.84	0.87	5.43	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	50.28	42.65	41.21	44.71	10.90	ppb
Boron	11-1	46.69	45.47	40.62	44.26	7.26	ppb
Cadmium	111-1	0.14	0.17	0.18	0.16	11.97	ppb
Cadmium	106-1	-0.65	0.16	0.10	-0.13		ppb
Cadmium	108-1	0.10	0.40	0.27	0.26	58.89	ppb
Calcium	43-1	501170.94	503296.09	496975.84	500480.96	0.64	ppb
Calcium	44-1	498608.78	506577.86	497933.73	501040.12	0.96	ppb
Chromium	52-2	26.02	26.72	26.29	26.34	1.34	ppb
Cobalt	59-2	11.68	11.66	11.24	11.53	2.19	ppb
Copper	63-2	2.26	2.11	2.19	2.19	3.53	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				100		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	250584.97	248473.09	249051.82	249369.96	0.44	ppb
Iron	57-2	250747.54	249163.82	248941.10	249617.48	0.39	ppb
Krypton	83-1						cps
Lead	206-1	5.77	5.84	5.83	5.81	0.65	ppb
Lead	207-1	5.39	5.41	5.30	5.37	1.05	ppb
Lead	208-1	5.51	5.65	5.58	5.58	1.27	ppb
Lithium	6-1				99		%
Magnesium	24-2	498157.83	495948.82	502777.24	498961.29	0.70	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:53:15	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.29	7.64	6.75	7.23	6.21	ppb
Molybdenum	94-1	6.34	6.45	6.83	6.54	3.94	ppb
Molybdenum	95-1	8.33	8.38	9.07	8.60	4.81	ppb
Molybdenum	96-1	8.61	9.01	9.38	9.00	4.31	ppb
Molybdenum	97-1	8.22	9.17	9.05	8.82	5.85	ppb
Molybdenum	98-1	8.26	8.66	8.92	8.61	3.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.21	23.14	23.14	23.16	0.18	ppb
Phosphorus	31-2	-39.94	-39.94	-39.94	-39.94		ppb
Potassium	39-2	249674.86	247739.50	252928.53	250114.30	1.05	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.56	-0.81	0.32	0.36	331.28	ppb
Selenium	82-1	1.23	1.05	1.80	1.36	28.95	ppb
Silicon	28-1	101.54	107.26	107.04	105.28	3.08	ppb
Silver	109-1	0.08	0.06	0.08	0.08	13.59	ppb
Silver	107-1	0.09	0.07	0.08	0.08	12.34	ppb
Sodium	23-2	502213.65	496343.32	499633.30	499396.75	0.59	ppb
Strontium	86-1	32.83	32.99	33.31	33.04	0.74	ppb
Strontium	88-1	34.39	34.31	33.98	34.23	0.64	ppb
Sulfur	34-1	-1957.50	-1533.01	-1728.79	-1739.77		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.53	0.52	0.52	0.52	0.84	ppb
Thallium	205-1	0.54	0.53	0.50	0.52	3.70	ppb
Tin	118-1	2.59	2.75	2.77	2.70	3.76	ppb
Titanium	47-1	2.90	2.97	2.75	2.87	4.01	ppb
Uranium	238-1	0.09	0.09	0.08	0.09	5.40	ppb
Vanadium	51-2	0.31	0.32	0.49	0.37	28.09	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	11.68	10.82	10.15	10.88	7.04	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:53:15	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.27	0.22	0.24	10.93	ppb
Zirconium	91-1	0.25	0.26	0.29	0.27	6.58	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:06:44	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	502.85	499.53	526.68	509.69	2.91	ppb
Antimony	121-1	196.02	196.73	192.73	195.16	1.09	ppb
Arsenic	75-2	193.43	196.50	196.21	195.38	0.87	ppb
Barium	135-1	98.91	98.44	96.95	98.10	1.04	ppb
Barium	137-1	98.83	99.44	97.95	98.74	0.76	ppb
Beryllium	9-1	98.69	97.12	97.40	97.73	0.86	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	604.15	592.70	608.34	601.73	1.35	ppb
Boron	11-1	611.98	600.79	607.42	606.73	0.93	ppb
Cadmium	111-1	104.10	103.63	103.74	103.82	0.23	ppb
Cadmium	106-1	167.26	161.89	160.53	163.23	2.18	ppb
Cadmium	108-1	128.60	135.25	134.65	132.83	2.77	ppb
Calcium	43-1	2109.88	2117.12	2164.17	2130.39	1.38	ppb
Calcium	44-1	1976.44	2028.60	1988.82	1997.95	1.36	ppb
Chromium	52-2	92.74	94.58	93.96	93.76	1.00	ppb
Cobalt	59-2	95.06	95.59	96.19	95.61	0.59	ppb
Copper	63-2	93.45	95.78	95.42	94.88	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	999.44	1018.58	1011.57	1009.86	0.96	ppb
Iron	57-2	977.88	1021.34	994.32	997.85	2.20	ppb
Krypton	83-1						cps
Lead	206-1	197.38	197.51	194.67	196.52	0.82	ppb
Lead	207-1	183.59	186.29	183.38	184.42	0.88	ppb
Lead	208-1	193.79	195.24	192.95	193.99	0.60	ppb
Lithium	6-1				107		%
Magnesium	24-2	1202.95	1248.91	1195.48	1215.78	2.38	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:06:44	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	93.40	97.26	96.16	95.60	2.08	ppb
Molybdenum	94-1	1194.53	1196.28	1210.17	1200.33	0.71	ppb
Molybdenum	95-1	534.35	545.83	541.14	540.44	1.07	ppb
Molybdenum	96-1	615.79	625.41	628.59	623.26	1.07	ppb
Molybdenum	97-1	531.84	538.31	535.84	535.33	0.61	ppb
Molybdenum	98-1	539.12	545.04	548.68	544.28	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.48	96.59	96.66	96.24	0.69	ppb
Phosphorus	31-2	-39.94	54.24	-8.57	1.91	2512.21	ppb
Potassium	39-2	1941.36	1990.80	2047.05	1993.07	2.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				111		%
Selenium	77-2	111.35	184.08	217.55	171.00	31.75	ppb
Selenium	78-2	199.40	162.88	215.44	192.57	13.99	ppb
Selenium	82-1	197.43	202.99	198.81	199.74	1.45	ppb
Silicon	28-1	528.87	542.52	534.19	535.19	1.29	ppb
Silver	109-1	100.25	101.30	99.68	100.41	0.82	ppb
Silver	107-1	101.19	102.02	101.93	101.71	0.45	ppb
Sodium	23-2	1975.59	2038.78	2019.02	2011.13	1.61	ppb
Strontium	86-1	528.97	531.31	527.33	529.20	0.38	ppb
Strontium	88-1	529.50	536.21	531.06	532.26	0.66	ppb
Sulfur	34-1	-1532.04	-1013.53	-1435.52	-1327.03		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	199.18	199.72	199.22	199.37	0.15	ppb
Thallium	205-1	205.24	204.99	202.64	204.29	0.70	ppb
Tin	118-1	550.97	550.03	540.72	547.24	1.04	ppb
Titanium	47-1	521.04	539.81	532.02	530.95	1.78	ppb
Uranium	238-1	501.55	509.75	502.24	504.51	0.90	ppb
Vanadium	51-2	92.46	95.90	92.35	93.57	2.16	ppb
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	188.65	192.73	197.10	192.83	2.19	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:06:44	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	532.53	533.15	528.52	531.40	0.47	ppb
Zirconium	91-1	525.53	526.42	527.99	526.65	0.24	ppb

LB Number : LB94756 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 17:13:00 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.56	-1.34	-5.91	-3.60		ppb
Antimony	121-1	0.43	0.54	0.58	0.51	15.25	ppb
Arsenic	75-2	0.05	0.15	0.02	0.07	91.54	ppb
Barium	135-1	0.01	0.01	-0.01	0.00	632.21	ppb
Barium	137-1	0.01	0.00	0.00	0.01	113.09	ppb
Beryllium	9-1	0.21	0.19	0.18	0.19	8.50	ppb
Bismuth	209-1				95		%
Bismuth	209-2				101		%
Boron	10-1	7.72	6.79	5.29	6.60	18.54	ppb
Boron	11-1	5.98	5.00	4.92	5.30	11.10	ppb
Cadmium	111-1	-0.01	-0.05	-0.07	-0.04		ppb
Cadmium	106-1	-0.23	-0.71	-1.03	-0.66		ppb
Cadmium	108-1	-0.07	-0.03	0.06	-0.01		ppb
Calcium	43-1	11.42	11.78	8.77	10.66	15.40	ppb
Calcium	44-1	-1.29	-1.19	-0.95	-1.14		ppb
Chromium	52-2	-0.01	0.02	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.02	-0.06	-0.01	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				104		%
Iron	56-2	1.10	1.09	0.87	1.02	12.66	ppb
Iron	57-2	2.41	4.80	0.91	2.70	72.51	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.04	0.04	9.30	ppb
Lead	207-1	0.06	0.02	0.01	0.03	90.39	ppb
Lead	208-1	0.03	0.03	0.03	0.03	11.77	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.39	9.79	4.10	4.76	99.53	ppb

LB Number : LB94756 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 17:13:00 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.14	-0.08	-0.06		ppb
Molybdenum	94-1	0.26	0.24	0.32	0.27	15.44	ppb
Molybdenum	95-1	0.23	0.38	0.43	0.34	29.85	ppb
Molybdenum	96-1	0.18	0.30	0.42	0.30	39.11	ppb
Molybdenum	97-1	0.29	0.36	0.43	0.36	19.65	ppb
Molybdenum	98-1	0.24	0.33	0.40	0.32	25.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.10	-1.15	-1.12	-1.12		ppb
Phosphorus	31-2	-7.61	-8.49	-39.94	-18.68		ppb
Potassium	39-2	16.13	24.50	16.89	19.17	24.16	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				109		%
Selenium	77-2	0.00	13.06	0.00	4.35	173.21	ppb
Selenium	78-2	0.26	-0.87	-0.86	-0.49		ppb
Selenium	82-1	0.98	0.13	-0.19	0.31	197.68	ppb
Silicon	28-1	18.55	2.53	-0.43	6.88	148.35	ppb
Silver	109-1	0.00	0.00	0.01	0.00	46.12	ppb
Silver	107-1	0.01	0.00	0.00	0.01	48.41	ppb
Sodium	23-2	34.68	30.24	25.45	30.12	15.34	ppb
Strontium	86-1	0.10	0.00	-0.05	0.02	425.13	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	70.71	ppb
Sulfur	34-1	330.65	-923.16	-1146.15	-579.55		ppb
Terbium	159-1				96		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.04	0.04	12.53	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	25.11	ppb
Tin	118-1	0.12	0.12	0.18	0.14	24.15	ppb
Titanium	47-1	0.11	-0.04	0.07	0.05	171.53	ppb
Uranium	238-1	0.00	0.01	0.01	0.00	98.36	ppb
Vanadium	51-2	-0.01	-0.02	-0.02	-0.02		ppb
Yttrium	89-1				98		%
Yttrium	89-2				106		%
Zinc	66-2	0.08	0.18	0.08	0.11	53.81	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:13:00	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.03	0.03	5.26	ppb
Zirconium	91-1	0.05	0.02	0.03	0.03	33.23	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:16:25	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93482.22	92477.07	94117.20	93358.83	0.89	ppb
Antimony	121-1	1.32	1.44	1.53	1.43	7.16	ppb
Arsenic	75-2	0.20	0.28	0.39	0.29	31.37	ppb
Barium	135-1	1.45	1.63	1.43	1.50	7.21	ppb
Barium	137-1	1.45	1.51	1.44	1.47	2.64	ppb
Beryllium	9-1	0.40	0.47	0.49	0.45	10.18	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	7.62	7.48	4.67	6.59	25.30	ppb
Boron	11-1	7.29	6.44	6.56	6.77	6.83	ppb
Cadmium	111-1	0.25	0.29	0.35	0.30	17.62	ppb
Cadmium	106-1	-0.27	-1.03	0.50	-0.27		ppb
Cadmium	108-1	7.00	6.76	6.56	6.77	3.24	ppb
Calcium	43-1	95296.10	96632.62	97241.81	96390.18	1.03	ppb
Calcium	44-1	94971.00	94314.79	95236.04	94840.61	0.50	ppb
Chromium	52-2	22.87	22.33	23.14	22.78	1.82	ppb
Cobalt	59-2	1.18	1.06	1.23	1.16	7.40	ppb
Copper	63-2	7.92	7.52	7.53	7.66	2.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	102072.93	101190.94	101276.81	101513.56	0.48	ppb
Iron	57-2	99883.27	98496.95	100481.35	99620.52	1.02	ppb
Krypton	83-1						cps
Lead	206-1	5.09	4.70	4.95	4.91	4.00	ppb
Lead	207-1	4.25	4.25	4.20	4.23	0.64	ppb
Lead	208-1	4.63	4.42	4.46	4.50	2.54	ppb
Lithium	6-1				100		%
Magnesium	24-2	100897.34	97356.35	100574.95	99609.55	1.97	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:16:25	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.52	8.34	8.83	8.23	8.03	ppb
Molybdenum	94-1	1361.68	1351.81	1369.48	1360.99	0.65	ppb
Molybdenum	95-1	1945.28	1925.44	1924.33	1931.68	0.61	ppb
Molybdenum	96-1	1869.20	1849.15	1871.34	1863.23	0.66	ppb
Molybdenum	97-1	1964.63	1954.25	1966.48	1961.79	0.34	ppb
Molybdenum	98-1	1934.70	1925.71	1935.47	1931.96	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.74	6.15	6.50	6.46	4.55	ppb
Phosphorus	31-2	102195.27	100648.76	98761.07	100535.04	1.71	ppb
Potassium	39-2	99452.97	98703.77	99419.52	99192.09	0.43	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.99	1.44	-0.85	-0.46		ppb
Selenium	82-1	-0.33	-0.38	0.07	-0.21		ppb
Silicon	28-1	41.22	40.66	42.81	41.57	2.69	ppb
Silver	109-1	0.07	0.07	0.10	0.08	22.67	ppb
Silver	107-1	0.10	0.09	0.11	0.10	7.72	ppb
Sodium	23-2	101786.00	98704.73	99358.84	99949.86	1.62	ppb
Strontium	86-1	33.28	33.09	33.79	33.39	1.08	ppb
Strontium	88-1	34.03	33.69	33.85	33.86	0.51	ppb
Sulfur	34-1	93368.69	92099.99	94554.80	93341.16	1.32	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.14	0.17	0.17	0.16	8.35	ppb
Thallium	205-1	0.16	0.19	0.18	0.18	9.42	ppb
Tin	118-1	0.27	0.24	0.33	0.28	16.34	ppb
Titanium	47-1	2008.35	1983.67	2008.18	2000.07	0.71	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	12.72	ppb
Vanadium	51-2	0.12	0.16	0.16	0.15	15.81	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	11.41	11.12	11.97	11.50	3.78	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:16:25	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.38	0.31	0.25	0.31	21.40	ppb
Zirconium	91-1	0.30	0.29	0.23	0.27	13.62	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:19:44	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93316.66	92328.61	93640.30	93095.19	0.73	ppb
Antimony	121-1	20.78	20.63	21.04	20.82	0.98	ppb
Arsenic	75-2	19.55	18.99	18.85	19.13	1.95	ppb
Barium	135-1	21.39	21.35	20.80	21.18	1.55	ppb
Barium	137-1	21.92	21.13	21.41	21.49	1.85	ppb
Beryllium	9-1	21.17	20.79	20.70	20.89	1.21	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	66.42	68.69	62.36	65.83	4.87	ppb
Boron	11-1	63.24	65.22	65.51	64.66	1.92	ppb
Cadmium	111-1	19.92	19.67	19.96	19.85	0.81	ppb
Cadmium	106-1	22.60	22.03	23.03	22.55	2.21	ppb
Cadmium	108-1	28.99	27.46	29.36	28.60	3.51	ppb
Calcium	43-1	96768.90	98033.21	97534.68	97445.59	0.65	ppb
Calcium	44-1	95037.84	95532.14	95469.61	95346.53	0.28	ppb
Chromium	52-2	43.25	42.20	42.12	42.52	1.48	ppb
Cobalt	59-2	21.02	20.50	20.76	20.76	1.25	ppb
Copper	63-2	27.44	27.25	27.40	27.37	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	101642.28	100768.76	101288.27	101233.10	0.43	ppb
Iron	57-2	99967.81	98302.06	100238.43	99502.77	1.05	ppb
Krypton	83-1						cps
Lead	206-1	25.33	24.76	25.23	25.11	1.21	ppb
Lead	207-1	23.07	22.35	22.62	22.68	1.59	ppb
Lead	208-1	23.79	23.35	23.82	23.65	1.10	ppb
Lithium	6-1				100		%
Magnesium	24-2	98973.05	98538.48	98917.42	98809.65	0.24	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:19:44	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.73	28.78	27.85	28.45	1.84	ppb
Molybdenum	94-1	1465.44	1488.17	1477.29	1476.97	0.77	ppb
Molybdenum	95-1	1997.54	2015.12	1976.52	1996.40	0.97	ppb
Molybdenum	96-1	1945.74	1924.76	1914.42	1928.30	0.83	ppb
Molybdenum	97-1	2001.14	2018.37	2001.50	2007.00	0.49	ppb
Molybdenum	98-1	2001.26	2001.58	1981.89	1994.91	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.00	26.51	27.89	27.13	2.58	ppb
Phosphorus	31-2	99803.26	95755.14	99578.38	98378.93	2.31	ppb
Potassium	39-2	98817.17	97332.78	96998.21	97716.06	0.99	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	33.25	13.38	6.67	17.76	77.81	ppb
Selenium	78-2	22.00	18.68	18.64	19.77	9.73	ppb
Selenium	82-1	20.76	18.72	20.02	19.83	5.21	ppb
Silicon	28-1	102.16	100.38	99.59	100.71	1.31	ppb
Silver	109-1	18.67	18.81	18.85	18.77	0.51	ppb
Silver	107-1	18.60	19.05	19.35	19.00	1.97	ppb
Sodium	23-2	98800.36	98576.41	100603.24	99326.67	1.12	ppb
Strontium	86-1	86.22	85.29	83.59	85.03	1.57	ppb
Strontium	88-1	86.90	86.84	86.84	86.86	0.04	ppb
Sulfur	34-1	93211.25	93818.50	91959.85	92996.53	1.02	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	20.53	20.13	20.68	20.45	1.40	ppb
Thallium	205-1	20.77	20.34	20.71	20.61	1.13	ppb
Tin	118-1	52.60	52.96	53.23	52.93	0.59	ppb
Titanium	47-1	2050.21	2058.15	2039.90	2049.42	0.45	ppb
Uranium	238-1	52.44	51.84	52.87	52.38	0.98	ppb
Vanadium	51-2	19.55	19.86	18.96	19.46	2.35	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	32.72	31.90	33.18	32.60	1.98	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:19:44	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	52.83	53.67	53.50	53.33	0.84	ppb
Zirconium	91-1	51.72	53.00	52.35	52.36	1.22	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:26:20	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53774.34	54434.06	53998.36	54068.92	0.62	ppb
Antimony	121-1	506.62	500.38	505.16	504.05	0.65	ppb
Arsenic	75-2	483.99	493.85	501.52	493.12	1.78	ppb
Barium	135-1	2531.95	2526.92	2550.75	2536.54	0.50	ppb
Barium	137-1	2512.91	2533.13	2557.64	2534.56	0.88	ppb
Beryllium	9-1	517.60	519.87	512.03	516.50	0.78	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	502.45	516.91	516.16	511.84	1.59	ppb
Boron	11-1	495.29	511.33	518.00	508.21	2.30	ppb
Cadmium	111-1	495.10	494.45	495.92	495.16	0.15	ppb
Cadmium	106-1	500.63	504.39	499.87	501.63	0.48	ppb
Cadmium	108-1	494.56	496.09	488.71	493.12	0.79	ppb
Calcium	43-1	244865.06	244655.26	247671.54	245730.62	0.69	ppb
Calcium	44-1	241358.84	242532.40	244671.04	242854.09	0.69	ppb
Chromium	52-2	513.80	523.70	516.10	517.87	1.00	ppb
Cobalt	59-2	486.97	494.41	489.24	490.21	0.78	ppb
Copper	63-2	950.83	959.76	953.04	954.54	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	127709.75	129603.51	128421.78	128578.35	0.74	ppb
Iron	57-2	126929.16	126992.83	126537.73	126819.91	0.19	ppb
Krypton	83-1						cps
Lead	206-1	523.43	516.57	512.63	517.54	1.06	ppb
Lead	207-1	518.63	512.58	517.40	516.20	0.62	ppb
Lead	208-1	521.99	517.55	514.87	518.14	0.69	ppb
Lithium	6-1				101		%
Magnesium	24-2	253085.32	252503.94	250458.80	252016.02	0.55	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:26:20	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1003.42	1024.20	1009.86	1012.49	1.05	ppb
Molybdenum	94-1	2510.23	2597.90	2502.62	2536.91	2.09	ppb
Molybdenum	95-1	2509.15	2576.62	2523.20	2536.32	1.40	ppb
Molybdenum	96-1	2508.00	2551.68	2488.10	2515.92	1.29	ppb
Molybdenum	97-1	2534.50	2589.85	2523.58	2549.31	1.39	ppb
Molybdenum	98-1	2513.05	2573.86	2512.57	2533.16	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.21	500.40	494.64	495.42	0.94	ppb
Phosphorus	31-2	10813.63	10522.14	8822.86	10052.88	10.69	ppb
Potassium	39-2	126364.38	128345.96	126597.02	127102.45	0.85	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	284.19	543.54	501.41	443.05	31.41	ppb
Selenium	78-2	505.46	503.55	460.39	489.80	5.20	ppb
Selenium	82-1	500.11	510.16	490.49	500.25	1.97	ppb
Silicon	28-1	535.19	529.74	553.49	539.47	2.31	ppb
Silver	109-1	503.72	497.78	503.98	501.83	0.70	ppb
Silver	107-1	502.94	498.04	502.21	501.06	0.53	ppb
Sodium	23-2	252986.53	254539.94	251459.01	252995.16	0.61	ppb
Strontium	86-1	514.58	522.85	511.28	516.24	1.16	ppb
Strontium	88-1	520.90	529.38	520.52	523.60	0.96	ppb
Sulfur	34-1	9826.73	9876.26	10482.26	10061.75	3.63	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	529.47	525.06	518.42	524.32	1.06	ppb
Thallium	205-1	523.29	514.02	511.73	516.35	1.18	ppb
Tin	118-1	509.84	503.38	509.67	507.63	0.73	ppb
Titanium	47-1	2589.21	2540.78	2566.64	2565.54	0.94	ppb
Uranium	238-1	526.41	512.62	513.30	517.44	1.50	ppb
Vanadium	51-2	500.18	508.73	502.36	503.76	0.88	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	963.85	982.25	966.18	970.76	1.03	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:26:20	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	511.90	517.43	503.74	511.02	1.35	ppb
Zirconium	91-1	503.44	508.56	500.04	504.01	0.85	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:29:34	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.20	1.25	-1.12	-0.36		ppb
Antimony	121-1	1.69	1.78	1.84	1.77	4.46	ppb
Arsenic	75-2	0.13	0.26	0.18	0.19	35.68	ppb
Barium	135-1	0.13	0.04	0.07	0.08	62.18	ppb
Barium	137-1	0.16	0.09	0.10	0.12	29.00	ppb
Beryllium	9-1	0.46	0.41	0.49	0.46	8.79	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	18.47	15.51	15.54	16.51	10.31	ppb
Boron	11-1	17.99	16.26	15.28	16.51	8.30	ppb
Cadmium	111-1	0.03	0.01	-0.13	-0.03		ppb
Cadmium	106-1	-0.39	-0.28	-2.07	-0.91		ppb
Cadmium	108-1	0.06	0.06	-0.03	0.03	175.01	ppb
Calcium	43-1	24.79	14.60	7.86	15.75	54.11	ppb
Calcium	44-1	13.36	8.04	5.78	9.06	42.93	ppb
Chromium	52-2	0.03	0.02	0.10	0.05	96.13	ppb
Cobalt	59-2	0.02	-0.01	0.01	0.01	202.77	ppb
Copper	63-2	0.07	0.08	0.06	0.07	12.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	8.54	8.44	8.33	8.44	1.24	ppb
Iron	57-2	5.71	13.15	7.86	8.91	43.01	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.10	0.11	0.11	7.65	ppb
Lead	207-1	0.09	0.11	0.08	0.09	14.43	ppb
Lead	208-1	0.10	0.10	0.09	0.10	4.86	ppb
Lithium	6-1				106		%
Magnesium	24-2	8.33	9.78	6.36	8.16	20.99	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:29:34	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.07	-0.05	-0.03		ppb
Molybdenum	94-1	1.23	1.25	1.78	1.42	21.98	ppb
Molybdenum	95-1	1.64	1.78	2.06	1.82	11.74	ppb
Molybdenum	96-1	1.38	1.58	1.92	1.62	16.87	ppb
Molybdenum	97-1	1.47	1.60	2.18	1.75	21.56	ppb
Molybdenum	98-1	1.55	1.65	1.92	1.71	11.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.93	-0.97	-1.03	-0.98		ppb
Phosphorus	31-2	24.93	-39.94	-39.94	-18.32		ppb
Potassium	39-2	46.94	18.85	45.00	36.93	42.48	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.85	-0.83	-0.84	-0.84		ppb
Selenium	82-1	0.16	-0.47	-0.83	-0.38		ppb
Silicon	28-1	-1.09	-2.35	1.55	-0.63		ppb
Silver	109-1	0.03	0.04	0.04	0.04	6.53	ppb
Silver	107-1	0.05	0.03	0.04	0.04	20.57	ppb
Sodium	23-2	80.76	82.25	82.09	81.70	1.00	ppb
Strontium	86-1	0.11	0.08	0.05	0.08	33.06	ppb
Strontium	88-1	0.02	0.01	0.02	0.02	18.79	ppb
Sulfur	34-1	-1659.07	-1395.87	-1284.81	-1446.58		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.19	0.14	0.15	19.03	ppb
Thallium	205-1	0.15	0.15	0.15	0.15	1.15	ppb
Tin	118-1	0.30	0.35	0.30	0.32	9.18	ppb
Titanium	47-1	0.29	0.07	0.02	0.13	114.01	ppb
Uranium	238-1	0.04	0.02	0.02	0.03	33.57	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	0.23	0.16	0.23	0.21	20.35	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:29:34	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.09	0.11	0.10	9.93	ppb
Zirconium	91-1	0.10	0.07	0.07	0.08	16.41	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:32:58	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.96	6.09	13.05	10.70	37.33	ppb
Antimony	121-1	2.36	2.49	2.59	2.48	4.63	ppb
Arsenic	75-2	0.83	1.09	0.65	0.86	25.74	ppb
Barium	135-1	9.52	9.58	9.59	9.56	0.41	ppb
Barium	137-1	9.57	9.96	9.59	9.71	2.27	ppb
Beryllium	9-1	1.32	1.25	0.97	1.18	15.86	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	27.96	32.60	29.47	30.01	7.88	ppb
Boron	11-1	29.77	29.86	28.27	29.30	3.04	ppb
Cadmium	111-1	0.99	0.90	0.98	0.96	4.78	ppb
Cadmium	106-1	0.72	-0.35	0.54	0.30	189.04	ppb
Cadmium	108-1	1.06	1.08	1.19	1.11	6.22	ppb
Calcium	43-1	489.67	447.21	484.06	473.65	4.87	ppb
Calcium	44-1	454.11	460.22	457.57	457.30	0.67	ppb
Chromium	52-2	2.18	2.06	2.09	2.11	3.15	ppb
Cobalt	59-2	0.93	1.04	0.93	0.97	6.53	ppb
Copper	63-2	1.95	1.90	1.79	1.88	4.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	53.79	55.75	56.60	55.38	2.61	ppb
Iron	57-2	54.40	58.75	59.31	57.49	4.67	ppb
Krypton	83-1						cps
Lead	206-1	1.01	1.03	1.02	1.02	0.76	ppb
Lead	207-1	1.02	1.05	0.98	1.02	3.13	ppb
Lead	208-1	0.98	1.02	1.00	1.00	2.26	ppb
Lithium	6-1				106		%
Magnesium	24-2	467.62	485.63	506.25	486.50	3.97	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:32:58	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.64	0.94	1.04	0.87	23.64	ppb
Molybdenum	94-1	5.23	5.44	5.33	5.33	1.97	ppb
Molybdenum	95-1	5.15	5.15	5.63	5.31	5.27	ppb
Molybdenum	96-1	5.16	5.21	5.33	5.23	1.67	ppb
Molybdenum	97-1	4.94	5.28	5.51	5.24	5.45	ppb
Molybdenum	98-1	5.09	5.21	5.36	5.22	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.22	0.15	-0.07		ppb
Phosphorus	31-2	-39.94	26.21	-7.29	-7.00		ppb
Potassium	39-2	502.77	528.13	483.50	504.80	4.43	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	13.38	0.00	6.73	6.70	99.78	ppb
Selenium	78-2	4.90	3.77	0.33	3.00	79.43	ppb
Selenium	82-1	4.39	4.36	3.90	4.22	6.58	ppb
Silicon	28-1	12.77	17.83	14.48	15.03	17.12	ppb
Silver	109-1	1.04	1.02	0.94	1.00	5.22	ppb
Silver	107-1	0.98	0.98	0.99	0.99	0.74	ppb
Sodium	23-2	559.64	564.54	519.73	547.97	4.49	ppb
Strontium	86-1	0.99	0.98	1.03	1.00	2.77	ppb
Strontium	88-1	0.99	1.01	0.95	0.98	3.36	ppb
Sulfur	34-1	-1468.72	-828.42	-1238.35	-1178.50		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	1.06	1.04	1.04	1.05	1.06	ppb
Thallium	205-1	1.03	1.00	1.03	1.02	1.69	ppb
Tin	118-1	4.70	4.76	4.85	4.77	1.53	ppb
Titanium	47-1	4.78	4.83	5.12	4.91	3.77	ppb
Uranium	238-1	0.91	0.94	0.93	0.93	1.63	ppb
Vanadium	51-2	4.53	4.58	4.33	4.48	3.03	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	2.47	2.32	2.00	2.26	10.57	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:32:58	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.14	1.08	1.13	1.12	2.79	ppb
Zirconium	91-1	1.05	1.13	1.09	1.09	3.63	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2241-02	Instrumnet Name :	P8
Client Sample ID :	1206	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:44:45	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	658.45	815.41	747.72	740.53	10.63	ppb
Antimony	121-1	34.30	34.59	34.58	34.49	0.49	ppb
Arsenic	75-2	17.16	17.75	17.04	17.32	2.19	ppb
Barium	135-1	1745.72	1716.15	1763.45	1741.77	1.37	ppb
Barium	137-1	1728.31	1723.54	1746.81	1732.89	0.71	ppb
Beryllium	9-1	5.06	5.18	4.83	5.02	3.46	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	769.42	788.59	821.21	793.07	3.30	ppb
Boron	11-1	763.77	791.23	808.60	787.87	2.87	ppb
Cadmium	111-1	22.41	21.92	23.04	22.46	2.50	ppb
Cadmium	106-1	19.52	18.28	18.42	18.74	3.62	ppb
Cadmium	108-1	21.55	20.42	19.67	20.54	4.59	ppb
Calcium	43-1	19.05	8.39	6.01	11.15	62.27	ppb
Calcium	44-1	-0.42	-2.84	-0.69	-1.32		ppb
Chromium	52-2	112.79	110.31	108.90	110.67	1.78	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	278.87	270.35	268.73	272.65	2.00	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				104		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	1132.93	1107.60	1101.68	1114.07	1.49	ppb
Iron	57-2	1147.58	1073.39	1066.67	1095.88	4.10	ppb
Krypton	83-1						cps
Lead	206-1	41.07	39.53	40.78	40.46	2.03	ppb
Lead	207-1	36.81	35.77	36.71	36.43	1.58	ppb
Lead	208-1	38.89	37.74	38.68	38.44	1.59	ppb
Lithium	6-1				109		%
Magnesium	24-2	9.84	6.36	9.15	8.45	21.79	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2241-02	Instrumnet Name :	P8
Client Sample ID :	1206	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:44:45	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	229.36	217.82	214.70	220.63	3.50	ppb
Molybdenum	94-1	59.99	59.29	60.16	59.81	0.77	ppb
Molybdenum	95-1	84.44	84.30	86.16	84.97	1.22	ppb
Molybdenum	96-1	81.55	80.28	81.49	81.11	0.88	ppb
Molybdenum	97-1	85.17	86.04	85.68	85.63	0.52	ppb
Molybdenum	98-1	85.31	84.05	85.61	84.99	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.01	74.95	73.65	76.20	4.41	ppb
Phosphorus	31-2	-39.94	-39.94	-8.18	-29.35		ppb
Potassium	39-2	-12.33	8.04	-9.70	-4.66		ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	77-2	46.43	85.85	98.09	76.79	35.15	ppb
Selenium	78-2	76.64	75.16	99.11	83.64	16.05	ppb
Selenium	82-1	81.66	79.29	80.62	80.52	1.48	ppb
Silicon	28-1	56.03	54.01	56.73	55.59	2.54	ppb
Silver	109-1	175.84	175.46	178.10	176.47	0.81	ppb
Silver	107-1	178.65	177.49	178.09	178.08	0.33	ppb
Sodium	23-2	44.83	45.95	47.59	46.13	3.01	ppb
Strontium	86-1	0.01	0.02	0.09	0.04	108.45	ppb
Strontium	88-1	0.03	0.02	0.03	0.03	25.58	ppb
Sulfur	34-1	-1169.08	-1597.90	-1379.40	-1382.12		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	7.73	7.45	7.89	7.69	2.92	ppb
Thallium	205-1	7.70	7.56	7.64	7.63	0.87	ppb
Tin	118-1	-0.02	-0.02	0.04	0.00		ppb
Titanium	47-1	0.04	0.00	0.01	0.02	130.43	ppb
Uranium	238-1	35.83	35.17	35.69	35.56	0.99	ppb
Vanadium	51-2	713.38	698.75	688.19	700.11	1.81	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	275.55	273.56	266.01	271.71	1.85	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2241-02	Instrumnet Name :	P8
Client Sample ID :	1206	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:44:45	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.07	0.04	0.06	22.42	ppb
Zirconium	91-1	0.08	0.08	0.05	0.07	24.10	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2241-03	Instrumnet Name :	P8
Client Sample ID :	1232	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:48:07	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.00	-1.31	5.43	1.71	200.70	ppb
Antimony	121-1	0.10	0.12	0.15	0.13	21.47	ppb
Arsenic	75-2	0.02	0.05	0.07	0.05	53.10	ppb
Barium	135-1	0.36	0.47	0.49	0.44	15.90	ppb
Barium	137-1	0.38	0.41	0.39	0.39	4.00	ppb
Beryllium	9-1	0.10	0.04	0.17	0.10	65.91	ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Boron	10-1	55.90	48.45	56.35	53.57	8.28	ppb
Boron	11-1	53.64	51.96	52.53	52.71	1.62	ppb
Cadmium	111-1	-0.01	0.01	0.06	0.02	173.90	ppb
Cadmium	106-1	-0.31	-0.74	-0.34	-0.46		ppb
Cadmium	108-1	0.05	0.10	0.07	0.07	29.90	ppb
Calcium	43-1	69636.53	69876.15	76594.81	72035.83	5.48	ppb
Calcium	44-1	69659.12	69473.59	76218.44	71783.72	5.35	ppb
Chromium	52-2	0.24	0.20	0.08	0.17	49.47	ppb
Cobalt	59-2	-0.02	0.00	0.00	-0.01		ppb
Copper	63-2	0.06	0.09	0.05	0.06	27.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				105		%
Iron	56-2	5.34	5.15	3.98	4.82	15.25	ppb
Iron	57-2	2.94	5.50	3.48	3.97	33.97	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.14	0.21	0.17	24.03	ppb
Lead	207-1	0.08	0.11	0.11	0.10	15.73	ppb
Lead	208-1	0.11	0.11	0.14	0.12	12.82	ppb
Lithium	6-1				104		%
Magnesium	24-2	15470.71	15614.77	15591.82	15559.10	0.50	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2241-03	Instrumnet Name :	P8
Client Sample ID :	1232	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:48:07	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.62	0.65	0.88	0.72	19.73	ppb
Molybdenum	94-1	0.18	0.26	0.35	0.26	31.59	ppb
Molybdenum	95-1	0.21	0.25	0.34	0.26	25.68	ppb
Molybdenum	96-1	0.12	0.26	0.30	0.23	40.22	ppb
Molybdenum	97-1	0.16	0.20	0.26	0.21	22.86	ppb
Molybdenum	98-1	0.11	0.24	0.26	0.20	40.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.31	-0.98	-1.02	-1.10		ppb
Phosphorus	31-2	-39.94	-39.94	-8.68	-29.52		ppb
Potassium	39-2	32241.64	31967.67	31636.14	31948.48	0.95	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	6.50	2.17	173.21	ppb
Selenium	78-2	-1.99	3.61	-1.99	-0.12		ppb
Selenium	82-1	1.07	-0.38	0.20	0.30	244.56	ppb
Silicon	28-1	56.52	58.91	76.11	63.85	16.74	ppb
Silver	109-1	0.01	0.01	0.02	0.02	19.45	ppb
Silver	107-1	0.02	0.01	0.02	0.01	55.91	ppb
Sodium	23-2	17406.33	17414.05	17317.70	17379.36	0.31	ppb
Strontium	86-1	21.05	20.57	23.24	21.62	6.58	ppb
Strontium	88-1	20.77	21.04	22.92	21.58	5.41	ppb
Sulfur	34-1	-747.17	-554.33	929.23	-124.09		ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.02	0.04	0.02	48.65	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	16.96	ppb
Tin	118-1	-0.05	-0.01	0.00	-0.02		ppb
Titanium	47-1	0.31	0.31	0.22	0.28	18.65	ppb
Uranium	238-1	0.08	0.07	0.09	0.08	12.17	ppb
Vanadium	51-2	0.09	0.08	0.03	0.06	50.06	ppb
Yttrium	89-1				100		%
Yttrium	89-2				107		%
Zinc	66-2	0.40	0.26	0.22	0.29	32.99	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2241-03	Instrumnet Name :	P8
Client Sample ID :	1232	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:48:07	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.09	0.08	0.08	11.13	ppb
Zirconium	91-1	0.08	0.10	0.07	0.08	21.72	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2353-09DLX5	Instrumnet Name :	P8
Client Sample ID :	LF028MW018-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-19 17:51:31	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	425.80	395.69	412.03	411.18	3.67	ppb
Antimony	121-1	0.14	0.19	0.26	0.20	29.25	ppb
Arsenic	75-2	0.70	0.79	1.09	0.86	23.45	ppb
Barium	135-1	22.62	21.22	21.98	21.94	3.20	ppb
Barium	137-1	22.87	22.03	22.17	22.36	2.01	ppb
Beryllium	9-1	0.11	0.10	0.08	0.10	16.56	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	22.49	20.13	20.91	21.18	5.68	ppb
Boron	11-1	19.95	20.14	20.07	20.05	0.49	ppb
Cadmium	111-1	0.10	-0.04	0.08	0.05	152.29	ppb
Cadmium	106-1	0.06	-1.56	0.18	-0.44		ppb
Cadmium	108-1	-0.03	0.22	0.22	0.14	104.70	ppb
Calcium	43-1	16258.68	16071.58	16082.81	16137.69	0.65	ppb
Calcium	44-1	16316.62	16310.48	16142.93	16256.68	0.61	ppb
Chromium	52-2	169.87	160.93	167.10	165.97	2.76	ppb
Cobalt	59-2	0.92	0.88	0.94	0.91	3.03	ppb
Copper	63-2	9.91	9.30	9.75	9.66	3.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	689.62	665.87	679.59	678.36	1.76	ppb
Iron	57-2	663.62	674.33	680.77	672.91	1.29	ppb
Krypton	83-1						cps
Lead	206-1	1.37	1.28	1.31	1.32	3.56	ppb
Lead	207-1	1.21	1.23	1.14	1.19	3.89	ppb
Lead	208-1	1.31	1.26	1.23	1.27	3.43	ppb
Lithium	6-1				108		%
Magnesium	24-2	792.51	816.81	804.54	804.62	1.51	ppb

LB Number : LB94756 Operator : Jaswal
 Lab Sample ID : J2353-09DLX5 Instrumnet Name : P8
 Client Sample ID : LF028MW018-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-19 17:51:31 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.28	11.57	12.20	12.02	3.23	ppb
Molybdenum	94-1	0.57	0.65	0.69	0.63	9.58	ppb
Molybdenum	95-1	0.62	0.77	0.61	0.67	13.19	ppb
Molybdenum	96-1	0.59	0.69	0.63	0.63	8.04	ppb
Molybdenum	97-1	0.68	0.64	0.80	0.70	11.68	ppb
Molybdenum	98-1	0.63	0.67	0.68	0.66	4.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.37	10.50	11.37	11.41	8.21	ppb
Phosphorus	31-2	29.70	-6.19	-5.24	6.09	335.82	ppb
Potassium	39-2	556.23	531.69	570.82	552.91	3.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	13.87	0.00	0.00	4.62	173.21	ppb
Selenium	78-2	-1.99	-1.99	-0.82	-1.60		ppb
Selenium	82-1	-0.08	-0.47	-0.42	-0.32		ppb
Silicon	28-1	1487.26	1474.32	1460.99	1474.19	0.89	ppb
Silver	109-1	0.13	0.18	0.21	0.17	21.67	ppb
Silver	107-1	0.13	0.18	0.18	0.16	18.47	ppb
Sodium	23-2	307.28	306.82	301.95	305.35	0.97	ppb
Strontium	86-1	40.35	39.95	39.98	40.09	0.55	ppb
Strontium	88-1	40.49	41.08	40.89	40.82	0.74	ppb
Sulfur	34-1	953.39	589.55	383.11	642.02	44.97	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.14	0.14	0.13	0.13	3.75	ppb
Thallium	205-1	0.13	0.13	0.14	0.13	6.42	ppb
Tin	118-1	0.31	0.30	0.35	0.32	8.19	ppb
Titanium	47-1	4.19	3.82	3.86	3.96	5.19	ppb
Uranium	238-1	0.36	0.34	0.35	0.35	2.83	ppb
Vanadium	51-2	1.58	1.75	1.86	1.73	8.26	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	45.05	45.37	46.92	45.78	2.19	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2353-09DLX5	Instrumnet Name :	P8
Client Sample ID :	LF028MW018-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-19 17:51:31	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.10	0.11	0.11	7.84	ppb
Zirconium	91-1	0.14	0.13	0.13	0.13	6.28	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:54:54	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56006.55	52746.65	53715.92	54156.37	3.09	ppb
Antimony	121-1	503.43	501.24	502.87	502.51	0.23	ppb
Arsenic	75-2	515.23	486.22	493.43	498.30	3.03	ppb
Barium	135-1	2575.12	2545.05	2550.61	2556.92	0.63	ppb
Barium	137-1	2513.56	2540.04	2538.90	2530.83	0.59	ppb
Beryllium	9-1	516.23	509.68	511.04	512.32	0.67	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	515.43	509.60	526.30	517.11	1.64	ppb
Boron	11-1	511.87	508.35	520.88	513.70	1.26	ppb
Cadmium	111-1	494.65	491.21	493.30	493.05	0.35	ppb
Cadmium	106-1	497.37	493.71	485.90	492.32	1.19	ppb
Cadmium	108-1	509.04	497.36	491.97	499.46	1.75	ppb
Calcium	43-1	245510.65	250056.67	245533.99	247033.77	1.06	ppb
Calcium	44-1	241948.44	243375.36	246085.35	243803.05	0.86	ppb
Chromium	52-2	532.78	501.39	508.08	514.08	3.22	ppb
Cobalt	59-2	511.06	477.90	487.40	492.12	3.47	ppb
Copper	63-2	991.03	928.39	948.15	955.86	3.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	134412.15	125667.34	128000.46	129359.99	3.50	ppb
Iron	57-2	131368.72	122471.73	125536.33	126458.93	3.57	ppb
Krypton	83-1						cps
Lead	206-1	515.20	510.97	520.05	515.40	0.88	ppb
Lead	207-1	507.22	519.17	514.27	513.55	1.17	ppb
Lead	208-1	510.65	514.49	516.64	513.93	0.59	ppb
Lithium	6-1				103		%
Magnesium	24-2	262446.65	245504.76	248886.35	252279.25	3.55	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:54:54	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1033.11	974.84	995.30	1001.08	2.95	ppb
Molybdenum	94-1	2558.99	2552.46	2549.22	2553.56	0.19	ppb
Molybdenum	95-1	2541.22	2558.57	2555.64	2551.81	0.36	ppb
Molybdenum	96-1	2503.46	2546.12	2546.51	2532.03	0.98	ppb
Molybdenum	97-1	2559.08	2536.97	2557.64	2551.23	0.48	ppb
Molybdenum	98-1	2521.44	2542.59	2554.16	2539.40	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.11	483.95	492.80	497.62	3.34	ppb
Phosphorus	31-2	9605.16	10620.01	10343.87	10189.68	5.15	ppb
Potassium	39-2	130362.27	122385.90	124969.73	125905.97	3.23	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	508.13	422.63	421.02	450.59	11.06	ppb
Selenium	78-2	484.64	482.36	520.30	495.77	4.29	ppb
Selenium	82-1	500.05	502.99	505.43	502.82	0.54	ppb
Silicon	28-1	532.57	541.16	545.18	539.64	1.19	ppb
Silver	109-1	500.31	495.36	494.87	496.85	0.61	ppb
Silver	107-1	504.31	494.80	501.26	500.13	0.97	ppb
Sodium	23-2	265834.30	249130.49	253256.28	256073.69	3.40	ppb
Strontium	86-1	510.71	521.93	515.82	516.15	1.09	ppb
Strontium	88-1	519.13	529.45	517.91	522.16	1.21	ppb
Sulfur	34-1	10638.68	10720.75	10884.29	10747.91	1.16	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	510.11	519.47	520.84	516.81	1.13	ppb
Thallium	205-1	508.71	515.60	517.99	514.10	0.94	ppb
Tin	118-1	503.72	511.45	505.94	507.04	0.78	ppb
Titanium	47-1	2544.82	2556.56	2554.57	2551.98	0.25	ppb
Uranium	238-1	517.02	521.75	522.48	520.42	0.57	ppb
Vanadium	51-2	518.38	488.18	500.21	502.26	3.03	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	1021.29	946.03	966.96	978.10	3.97	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:54:54	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	511.11	513.51	516.11	513.58	0.49	ppb
Zirconium	91-1	503.42	504.72	507.60	505.24	0.42	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:58:09	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.33	6.09	-5.91	0.50	1197.46	ppb
Antimony	121-1	1.44	1.65	1.78	1.63	10.48	ppb
Arsenic	75-2	0.13	0.23	0.38	0.25	52.71	ppb
Barium	135-1	0.07	0.04	0.05	0.05	28.13	ppb
Barium	137-1	0.07	0.08	0.06	0.07	14.82	ppb
Beryllium	9-1	0.43	0.37	0.31	0.37	15.56	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	18.92	17.02	16.32	17.42	7.71	ppb
Boron	11-1	19.06	17.42	15.22	17.23	11.19	ppb
Cadmium	111-1	0.07	0.03	0.04	0.05	43.26	ppb
Cadmium	106-1	0.28	-0.30	0.13	0.04	857.78	ppb
Cadmium	108-1	0.05	0.14	0.10	0.09	43.80	ppb
Calcium	43-1	7.23	11.54	13.34	10.71	29.36	ppb
Calcium	44-1	5.53	4.56	3.88	4.65	17.82	ppb
Chromium	52-2	0.07	0.14	-0.01	0.07	111.23	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.07	0.05	0.08	0.07	22.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	8.67	8.56	7.51	8.25	7.74	ppb
Iron	57-2	7.29	9.90	7.41	8.20	17.98	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.14	0.10	39.36	ppb
Lead	207-1	0.09	0.15	0.11	0.11	26.60	ppb
Lead	208-1	0.09	0.11	0.11	0.10	9.49	ppb
Lithium	6-1				109		%
Magnesium	24-2	16.75	9.46	17.69	14.63	30.77	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:58:09	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.12	-0.02	0.05	-0.03		ppb
Molybdenum	94-1	1.10	1.11	1.40	1.20	14.08	ppb
Molybdenum	95-1	1.46	1.69	1.82	1.66	10.94	ppb
Molybdenum	96-1	1.23	1.60	1.85	1.56	19.78	ppb
Molybdenum	97-1	1.40	1.67	2.07	1.72	19.66	ppb
Molybdenum	98-1	1.27	1.68	1.90	1.62	19.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.89	-0.67	-0.94	-0.83		ppb
Phosphorus	31-2	-39.94	-39.94	-39.94	-39.94		ppb
Potassium	39-2	11.73	18.35	22.06	17.38	30.10	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	6.62	2.21	173.21	ppb
Selenium	78-2	0.31	1.38	3.71	1.80	96.77	ppb
Selenium	82-1	-0.08	1.05	0.33	0.43	133.46	ppb
Silicon	28-1	-1.44	-3.63	-5.97	-3.68		ppb
Silver	109-1	0.06	0.04	0.04	0.05	18.44	ppb
Silver	107-1	0.05	0.05	0.04	0.04	11.53	ppb
Sodium	23-2	78.68	68.21	81.15	76.01	9.04	ppb
Strontium	86-1	0.03	0.01	0.02	0.02	49.30	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	21.88	ppb
Sulfur	34-1	-1191.06	-1326.39	-1354.57	-1290.67		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.15	0.10	0.08	0.11	31.30	ppb
Thallium	205-1	0.14	0.11	0.10	0.12	18.67	ppb
Tin	118-1	0.31	0.29	0.31	0.30	4.08	ppb
Titanium	47-1	0.04	0.13	0.18	0.12	58.57	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	13.59	ppb
Vanadium	51-2	-0.01	0.01	0.01	0.00	690.81	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	0.09	0.27	0.31	0.22	54.38	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:58:09	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.09	0.11	0.09	21.35	ppb
Zirconium	91-1	0.12	0.15	0.09	0.12	23.56	ppb

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:23:54	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	42	19	107.85	cps
Antimony	121-1	267	300	567	378	43.53	cps
Arsenic	75-2	4	2	6	4	50.09	cps
Barium	135-1	58	58	25	47	40.76	cps
Barium	137-1	8	75	42	42	80.01	cps
Beryllium	9-1	100	89	89	93	6.93	cps
Bismuth	209-1	4396298	4458544	4367900	4407580	1.05	cps
Bismuth	209-2	1056136	1052361	1063823	1057440	0.55	cps
Boron	10-1	175	117	183	158	22.94	cps
Boron	11-1	767	875	817	820	6.62	cps
Cadmium	111-1	699	687	683	690	1.18	cps
Cadmium	106-1	967	983	967	972	0.99	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	675	483	625	594	16.73	cps
Calcium	44-1	9887	8903	9704	9498	5.51	cps
Chromium	52-2	197	217	203	206	4.95	cps
Cobalt	59-2	50	50	43	48	8.06	cps
Copper	63-2	113	123	133	123	8.11	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	42	67	50	53	24.12	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	6380578	6378658	6291995	6350410	0.80	cps
Holmium	165-2	1271828	1272633	1271087	1271849	0.06	cps
Indium	115-1	5119765	5115825	5174736	5136775	0.64	cps
Indium	115-2	204280	204542	202379	203734	0.58	cps
Iron	56-2	1095	1128	1061	1095	3.05	cps
Iron	57-2	39	22	22	28	34.65	cps
Krypton	83-1	393	430	363	396	8.44	cps
Lead	206-1	256	350	306	304	15.56	cps
Lead	207-1	272	250	222	248	10.10	cps
Lead	208-1	1133	1083	1183	1133	4.41	cps
Lithium	6-1	844618	854017	840938	846524	0.80	cps
Magnesium	24-2	442	333	333	369	16.93	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:23:54	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	23	37	22	67.63	cps
Molybdenum	94-1	250	250	283	261	7.37	cps
Molybdenum	95-1	158	183	192	178	9.76	cps
Molybdenum	96-1	208	292	375	292	28.57	cps
Molybdenum	97-1	92	200	158	150	36.43	cps
Molybdenum	98-1	283	308	300	297	4.28	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	887	933	967	929	4.33	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	1984	1742	1725	1817	7.96	cps
Rhodium	103-1	4785450	4743006	4751658	4760038	0.47	cps
Rhodium	103-2	1174359	1171437	1171979	1172592	0.13	cps
Scandium	45-1	2637980	2612909	2637237	2629375	0.54	cps
Scandium	45-2	18616	18549	17985	18383	1.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-25	-49	29	-15	-267.97	cps
Silicon	28-1	335219	333344	332925	333829	0.37	cps
Silver	109-1	67	42	92	67	37.50	cps
Silver	107-1	75	33	108	72	52.04	cps
Sodium	23-2	3267	3192	3109	3189	2.48	cps
Strontium	86-1	558	475	600	544	11.69	cps
Strontium	88-1	167	108	150	142	21.21	cps
Sulfur	34-1	306727	305484	307629	306613	0.35	cps
Terbium	159-1	6538573	6581025	6597327	6572308	0.46	cps
Terbium	159-2	1212966	1209637	1222267	1214957	0.54	cps
Thallium	203-1	308	400	458	389	19.44	cps
Thallium	205-1	950	900	892	914	3.45	cps
Tin	118-1	258	1236	642	712	69.19	cps
Titanium	47-1	142	150	100	131	20.52	cps
Uranium	238-1	117	83	75	92	24.05	cps
Vanadium	51-2	10	13	10	11	17.30	cps
Yttrium	89-1	5312178	5308181	5326290	5315550	0.18	cps
Yttrium	89-2	146927	146373	146159	146486	0.27	cps
Zinc	66-2	7	7	3	6	34.70	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:23:54	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	375	367	383	375	2.22	cps
Zirconium	91-1	50	67	108	75	40.06	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:31:26	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	92	125	86	48.71	cps
Antimony	121-1	13190	13491	12340	13007	4.59	cps
Arsenic	75-2	52	80	89	73	26.24	cps
Barium	135-1	13374	13474	13566	13471	0.71	cps
Barium	137-1	22553	23530	23163	23082	2.14	cps
Beryllium	9-1	811	933	867	870	7.03	cps
Bismuth	209-1	4415858	4366134	4413780	4398591	0.64	cps
Bismuth	209-2	1060640	1061114	1054968	1058907	0.32	cps
Boron	10-1	2125	2284	1975	2128	7.25	cps
Boron	11-1	9295	10129	9562	9662	4.41	cps
Cadmium	111-1	2051	1939	2172	2054	5.67	cps
Cadmium	106-1	1158	975	1250	1128	12.42	cps
Cadmium	108-1	63	92	88	81	19.58	cps
Calcium	43-1	6435	6602	7402	6813	7.59	cps
Calcium	44-1	105780	107881	108509	107390	1.33	cps
Chromium	52-2	1260	1233	1170	1221	3.79	cps
Cobalt	59-2	963	1060	1097	1040	6.62	cps
Copper	63-2	1903	1950	1917	1924	1.25	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	17	58	39	53.93	cps
Erbium	164-2	3	17	17	12	63.01	cps
Gadolinium	160-1	33	25	50	36	35.25	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	6366446	6299152	6363674	6343090	0.60	cps
Holmium	165-2	1277775	1270812	1270862	1273150	0.31	cps
Indium	115-1	5092137	5069156	5094413	5085235	0.27	cps
Indium	115-2	206155	202576	204547	204426	0.88	cps
Iron	56-2	17606	17650	16644	17300	3.29	cps
Iron	57-2	494	394	433	441	11.44	cps
Krypton	83-1	333	430	343	369	14.41	cps
Lead	206-1	4362	4495	4312	4390	2.16	cps
Lead	207-1	4323	3962	4040	4108	4.63	cps
Lead	208-1	18228	18172	17989	18130	0.69	cps
Lithium	6-1	852892	853302	855444	853879	0.16	cps
Magnesium	24-2	7736	8394	7827	7986	4.47	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:31:26	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	150	153	193	166	14.57	cps
Molybdenum	94-1	10438	10496	9971	10302	2.80	cps
Molybdenum	95-1	12231	12548	12414	12398	1.28	cps
Molybdenum	96-1	14483	14291	14650	14475	1.24	cps
Molybdenum	97-1	7978	7361	8203	7847	5.56	cps
Molybdenum	98-1	20007	20040	19924	19991	0.30	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1183	1160	1230	1191	2.99	cps
Phosphorus	31-2	33	0	0	11	173.21	cps
Potassium	39-2	6102	5693	6544	6113	6.96	cps
Rhodium	103-1	4739130	4729706	4743510	4737449	0.15	cps
Rhodium	103-2	1181565	1172111	1174823	1176167	0.41	cps
Scandium	45-1	2609950	2616773	2672798	2633174	1.31	cps
Scandium	45-2	18639	18703	18222	18521	1.41	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	7	6	6	33.38	cps
Selenium	82-1	430	377	413	407	6.57	cps
Silicon	28-1	372410	370618	375132	372720	0.61	cps
Silver	109-1	6468	6594	6435	6499	1.29	cps
Silver	107-1	6727	6927	6602	6752	2.43	cps
Sodium	23-2	20724	19856	21016	20532	2.94	cps
Strontium	86-1	2150	2317	2342	2270	4.59	cps
Strontium	88-1	14483	14375	14634	14497	0.90	cps
Sulfur	34-1	306144	306459	308182	306928	0.36	cps
Terbium	159-1	6539569	6513216	6581074	6544620	0.52	cps
Terbium	159-2	1217429	1213935	1215097	1215487	0.15	cps
Thallium	203-1	5618	5351	5693	5554	3.23	cps
Thallium	205-1	13391	13383	14325	13700	3.96	cps
Tin	118-1	21627	20750	21543	21307	2.27	cps
Titanium	47-1	3200	3292	3392	3295	2.91	cps
Uranium	238-1	16069	17429	16895	16798	4.08	cps
Vanadium	51-2	1750	1723	1777	1750	1.52	cps
Yttrium	89-1	5285097	5281238	5269140	5278492	0.16	cps
Yttrium	89-2	147473	145610	148163	147082	0.90	cps
Zinc	66-2	193	203	183	193	5.17	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:31:26	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8453	8845	8803	8700	2.47	cps
Zirconium	91-1	1917	1850	1959	1909	2.86	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:35:12	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3501	2992	3259	3251	7.82	cps
Antimony	121-1	334203	333986	331879	333356	0.38	cps
Arsenic	75-2	3434	3328	3460	3407	2.04	cps
Barium	135-1	358423	360269	356956	358549	0.46	cps
Barium	137-1	625779	627844	623457	625693	0.35	cps
Beryllium	9-1	38708	38558	38937	38734	0.49	cps
Bismuth	209-1	4439680	4474476	4424907	4446355	0.57	cps
Bismuth	209-2	1065567	1062751	1062261	1063527	0.17	cps
Boron	10-1	3767	4451	4393	4204	9.01	cps
Boron	11-1	20474	19848	19923	20081	1.70	cps
Cadmium	111-1	71547	71783	73036	72122	1.11	cps
Cadmium	106-1	8278	8403	8286	8322	0.84	cps
Cadmium	108-1	5239	5147	5184	5190	0.89	cps
Calcium	43-1	64968	64901	64792	64887	0.14	cps
Calcium	44-1	1063475	1058720	1055491	1059228	0.38	cps
Chromium	52-2	24659	24345	24448	24484	0.65	cps
Cobalt	59-2	55406	55172	55002	55193	0.37	cps
Copper	63-2	95190	95820	95713	95575	0.35	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	0	50	17	22	114.56	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	58	25	50	44	39.04	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	6350523	6389779	6304412	6348238	0.67	cps
Holmium	165-2	1278216	1280102	1286800	1281706	0.35	cps
Indium	115-1	5117254	5151300	5131688	5133414	0.33	cps
Indium	115-2	204257	204116	205090	204488	0.26	cps
Iron	56-2	824114	828830	829730	827558	0.36	cps
Iron	57-2	20833	20760	20733	20775	0.25	cps
Krypton	83-1	343	390	353	362	6.78	cps
Lead	206-1	225330	223347	226164	224947	0.64	cps
Lead	207-1	203245	203703	203879	203609	0.16	cps
Lead	208-1	914767	913481	916982	915077	0.19	cps
Lithium	6-1	855742	860033	859842	858539	0.28	cps
Magnesium	24-2	84048	83949	83026	83674	0.67	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:35:12	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13740	13580	13734	13685	0.66	cps
Molybdenum	94-1	542171	542514	544216	542967	0.20	cps
Molybdenum	95-1	659083	668671	666762	664839	0.76	cps
Molybdenum	96-1	739730	742039	744208	741992	0.30	cps
Molybdenum	97-1	412777	414527	416083	414462	0.40	cps
Molybdenum	98-1	1062179	1060237	1079153	1067190	0.98	cps
Neodymium	150-1	7	47	33	29	70.50	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17124	17368	17151	17214	0.78	cps
Phosphorus	31-2	183	283	225	231	21.79	cps
Potassium	39-2	24614	24205	24339	24386	0.86	cps
Rhodium	103-1	4727870	4750390	4766557	4748273	0.41	cps
Rhodium	103-2	1175068	1177132	1181101	1177767	0.26	cps
Scandium	45-1	2653568	2665235	2659779	2659527	0.22	cps
Scandium	45-2	18659	18759	18776	18732	0.34	cps
Selenium	77-2	23	17	47	29	54.53	cps
Selenium	78-2	85	89	76	83	8.01	cps
Selenium	82-1	4608	4655	4545	4603	1.20	cps
Silicon	28-1	474026	477520	477385	476310	0.42	cps
Silver	109-1	333708	333171	332150	333010	0.24	cps
Silver	107-1	347936	350814	350852	349868	0.48	cps
Sodium	23-2	190076	188533	188354	188988	0.50	cps
Strontium	86-1	88587	89199	87479	88422	0.99	cps
Strontium	88-1	756505	755677	754559	755580	0.13	cps
Sulfur	34-1	324300	325598	325965	325288	0.27	cps
Terbium	159-1	6565090	6706746	6569258	6613698	1.22	cps
Terbium	159-2	1220191	1221642	1219640	1220491	0.08	cps
Thallium	203-1	273265	275384	273861	274170	0.40	cps
Thallium	205-1	656394	656410	661684	658163	0.46	cps
Tin	118-1	228782	224659	227418	226953	0.93	cps
Titanium	47-1	161396	161411	159878	160895	0.55	cps
Uranium	238-1	889994	884283	884141	886139	0.38	cps
Vanadium	51-2	18719	18663	17935	18439	2.37	cps
Yttrium	89-1	5290259	5417042	5305915	5337739	1.29	cps
Yttrium	89-2	146890	147099	148234	147408	0.49	cps
Zinc	66-2	9293	8816	8963	9024	2.71	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:35:12	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	456083	451410	456351	454615	0.61	cps
Zirconium	91-1	100654	100536	101116	100769	0.30	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:38:59	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8078	8553	8186	8272	3.01	cps
Antimony	121-1	842754	848760	851373	847629	0.52	cps
Arsenic	75-2	8516	8556	8467	8513	0.52	cps
Barium	135-1	898031	894981	896216	896409	0.17	cps
Barium	137-1	1601588	1580097	1609706	1597130	0.96	cps
Beryllium	9-1	96863	95890	97360	96704	0.77	cps
Bismuth	209-1	4455261	4474797	4469488	4466516	0.23	cps
Bismuth	209-2	1053883	1063190	1029682	1048918	1.65	cps
Boron	10-1	10546	10504	10930	10660	2.20	cps
Boron	11-1	49327	50641	51125	50364	1.85	cps
Cadmium	111-1	178518	180545	179861	179641	0.57	cps
Cadmium	106-1	18689	20124	20024	19612	4.09	cps
Cadmium	108-1	12306	13107	13032	12815	3.45	cps
Calcium	43-1	159437	160204	159959	159866	0.25	cps
Calcium	44-1	2670880	2666255	2680242	2672459	0.27	cps
Chromium	52-2	61350	61053	60524	60975	0.69	cps
Cobalt	59-2	134147	133721	133623	133831	0.21	cps
Copper	63-2	234260	234225	235972	234819	0.43	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	25	50	36	35.25	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	7	0	0	2	173.21	cps
Holmium	165-1	6479719	6463108	6417631	6453486	0.50	cps
Holmium	165-2	1275944	1276938	1241141	1264674	1.61	cps
Indium	115-1	5143130	5128818	5111708	5127886	0.31	cps
Indium	115-2	203730	203337	195275	200781	2.38	cps
Iron	56-2	2065645	2043924	2071284	2060285	0.70	cps
Iron	57-2	51612	51300	52461	51791	1.16	cps
Krypton	83-1	357	397	323	359	10.23	cps
Lead	206-1	559479	561068	559928	560158	0.15	cps
Lead	207-1	508608	507445	508056	508036	0.11	cps
Lead	208-1	2295341	2295843	2298836	2296673	0.08	cps
Lithium	6-1	857725	857370	858532	857876	0.07	cps
Magnesium	24-2	204847	207863	206715	206475	0.74	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:38:59	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34259	34346	34128	34244	0.32	cps
Molybdenum	94-1	1363994	1369804	1366000	1366599	0.22	cps
Molybdenum	95-1	1699982	1681324	1673533	1684947	0.81	cps
Molybdenum	96-1	1892811	1912201	1879430	1894814	0.87	cps
Molybdenum	97-1	1042631	1036594	1038270	1039165	0.30	cps
Molybdenum	98-1	2692349	2699208	2719176	2703578	0.52	cps
Neodymium	150-1	27	60	33	40	44.09	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	41208	40262	40823	40764	1.17	cps
Phosphorus	31-2	550	583	625	586	6.41	cps
Potassium	39-2	56941	57284	57946	57390	0.89	cps
Rhodium	103-1	4743489	4702016	4707408	4717638	0.48	cps
Rhodium	103-2	1162759	1162377	1116580	1147239	2.31	cps
Scandium	45-1	2664164	2630098	2657655	2650639	0.68	cps
Scandium	45-2	17851	18449	17481	17927	2.72	cps
Selenium	77-2	70	70	77	72	5.33	cps
Selenium	78-2	207	172	187	189	9.35	cps
Selenium	82-1	11227	11365	11471	11354	1.08	cps
Silicon	28-1	682508	682693	682582	682594	0.01	cps
Silver	109-1	831841	837250	831584	833558	0.38	cps
Silver	107-1	866622	868700	875082	870135	0.51	cps
Sodium	23-2	467331	459490	466554	464458	0.93	cps
Strontium	86-1	217428	216084	217541	217018	0.37	cps
Strontium	88-1	1923512	1940955	1915617	1926695	0.67	cps
Sulfur	34-1	346086	339165	334950	340067	1.65	cps
Terbium	159-1	6624437	6579713	6609284	6604478	0.34	cps
Terbium	159-2	1217630	1214640	1188044	1206771	1.35	cps
Thallium	203-1	691094	687052	694879	691008	0.57	cps
Thallium	205-1	1654711	1662174	1646272	1654385	0.48	cps
Tin	118-1	568009	569308	566649	567989	0.23	cps
Titanium	47-1	402499	397568	399872	399980	0.62	cps
Uranium	238-1	2273187	2263100	2313199	2283162	1.16	cps
Vanadium	51-2	45126	44497	45383	45002	1.01	cps
Yttrium	89-1	5346419	5327786	5310235	5328147	0.34	cps
Yttrium	89-2	144299	145735	140054	143363	2.06	cps
Zinc	66-2	22291	22051	22048	22130	0.63	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:38:59	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1148047	1148183	1148404	1148212	0.02	cps
Zirconium	91-1	254140	255347	254791	254759	0.24	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:42:40	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17253	15768	15768	16263	5.27	cps
Antimony	121-1	1693206	1705892	1713891	1704330	0.61	cps
Arsenic	75-2	17100	16977	16840	16972	0.77	cps
Barium	135-1	1817868	1820078	1833800	1823915	0.47	cps
Barium	137-1	3158990	3146781	3167872	3157881	0.34	cps
Beryllium	9-1	192384	188569	188681	189878	1.14	cps
Bismuth	209-1	4452186	4477326	4416072	4448528	0.69	cps
Bismuth	209-2	1060024	1054598	1050093	1054905	0.47	cps
Boron	10-1	21125	21993	21316	21478	2.12	cps
Boron	11-1	96347	100442	101500	99430	2.74	cps
Cadmium	111-1	356490	356807	357756	357018	0.18	cps
Cadmium	106-1	37303	37946	37044	37431	1.24	cps
Cadmium	108-1	25495	25595	24857	25316	1.58	cps
Calcium	43-1	319954	315564	318182	317900	0.69	cps
Calcium	44-1	5190072	5227047	5215913	5211011	0.36	cps
Chromium	52-2	119158	120496	120294	119983	0.60	cps
Cobalt	59-2	266355	265071	264860	265429	0.30	cps
Copper	63-2	461822	461342	461200	461454	0.07	cps
Dysprosium	156-1	42	42	50	44	10.82	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	50	75	42	56	31.22	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	6424703	6531777	6410701	6455727	1.03	cps
Holmium	165-2	1287644	1290293	1283938	1287292	0.25	cps
Indium	115-1	5115110	5146168	5117540	5126272	0.34	cps
Indium	115-2	202408	201590	201342	201780	0.28	cps
Iron	56-2	4092177	4030197	3993170	4038515	1.24	cps
Iron	57-2	101634	101523	101399	101519	0.12	cps
Krypton	83-1	393	323	363	360	9.76	cps
Lead	206-1	1118612	1117920	1117373	1117968	0.06	cps
Lead	207-1	1017142	1014834	1009549	1013842	0.38	cps
Lead	208-1	4669429	4631734	4607998	4636387	0.67	cps
Lithium	6-1	850044	852880	848228	850384	0.28	cps
Magnesium	24-2	409605	406159	407533	407766	0.43	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:42:40	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67318	67760	67750	67609	0.37	cps
Molybdenum	94-1	2741343	2746132	2731580	2739685	0.27	cps
Molybdenum	95-1	3374344	3368924	3336927	3360065	0.60	cps
Molybdenum	96-1	3732631	3741254	3694484	3722790	0.67	cps
Molybdenum	97-1	2092581	2064246	2084683	2080503	0.70	cps
Molybdenum	98-1	5327178	5307857	5336887	5323974	0.28	cps
Neodymium	150-1	80	67	113	87	27.74	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	78831	78815	77806	78484	0.75	cps
Phosphorus	31-2	1150	1233	1375	1253	9.08	cps
Potassium	39-2	114715	113647	111270	113211	1.56	cps
Rhodium	103-1	4661567	4671613	4675633	4669604	0.16	cps
Rhodium	103-2	1161551	1153718	1151086	1155452	0.47	cps
Scandium	45-1	2634253	2663051	2640957	2646087	0.57	cps
Scandium	45-2	17922	17845	17975	17914	0.37	cps
Selenium	77-2	120	133	143	132	8.86	cps
Selenium	78-2	387	348	417	384	8.95	cps
Selenium	82-1	22555	22586	22578	22573	0.07	cps
Silicon	28-1	1018098	1016394	1020261	1018251	0.19	cps
Silver	109-1	1694120	1693730	1691082	1692977	0.10	cps
Silver	107-1	1714220	1740844	1743242	1732769	0.93	cps
Sodium	23-2	917342	920588	917852	918594	0.19	cps
Strontium	86-1	433928	437382	435331	435547	0.40	cps
Strontium	88-1	3757814	3760446	3758702	3758987	0.04	cps
Sulfur	34-1	373196	371783	371007	371995	0.30	cps
Terbium	159-1	6668632	6643499	6705558	6672563	0.47	cps
Terbium	159-2	1230951	1223700	1222848	1225833	0.36	cps
Thallium	203-1	1373525	1369391	1375209	1372708	0.22	cps
Thallium	205-1	3351612	3351299	3319722	3340878	0.55	cps
Tin	118-1	1123360	1129281	1130402	1127681	0.34	cps
Titanium	47-1	791635	797997	784606	791413	0.85	cps
Uranium	238-1	4546826	4546657	4527509	4540331	0.24	cps
Vanadium	51-2	90352	89966	88776	89698	0.92	cps
Yttrium	89-1	5412581	5313002	5318414	5347999	1.05	cps
Yttrium	89-2	145495	145155	146307	145652	0.41	cps
Zinc	66-2	43639	42990	43612	43414	0.85	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:42:40	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2309785	2309602	2323996	2314461	0.36	cps
Zirconium	91-1	507026	502726	505911	505221	0.44	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:46:15	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32897	33248	34075	33407	1.81	cps
Antimony	121-1	3419387	3447262	3422581	3429743	0.44	cps
Arsenic	75-2	33192	33275	33606	33358	0.66	cps
Barium	135-1	3612760	3638026	3607593	3619460	0.45	cps
Barium	137-1	6230568	6268770	6243892	6247744	0.31	cps
Beryllium	9-1	378339	374388	375063	375930	0.56	cps
Bismuth	209-1	4418090	4479488	4452281	4449953	0.69	cps
Bismuth	209-2	1048871	1049798	1064162	1054277	0.81	cps
Boron	10-1	40533	42280	42313	41709	2.44	cps
Boron	11-1	195084	197145	201952	198061	1.78	cps
Cadmium	111-1	711414	702161	705386	706320	0.66	cps
Cadmium	106-1	74690	74012	75613	74772	1.08	cps
Cadmium	108-1	51134	50051	50465	50550	1.08	cps
Calcium	43-1	636887	631601	635227	634572	0.43	cps
Calcium	44-1	10316625	10256541	10310587	10294584	0.32	cps
Chromium	52-2	234264	236515	236493	235757	0.55	cps
Cobalt	59-2	526271	527574	529613	527819	0.32	cps
Copper	63-2	913861	916959	917484	916101	0.21	cps
Dysprosium	156-1	67	92	108	89	23.59	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-1	92	25	33	50	72.64	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	75	50	33	53	39.73	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	6503184	6508313	6495817	6502438	0.10	cps
Holmium	165-2	1291601	1292815	1306443	1296953	0.64	cps
Indium	115-1	5117622	5044513	5049812	5070649	0.80	cps
Indium	115-2	199406	198372	201353	199710	0.76	cps
Iron	56-2	7994396	7872785	8002471	7956551	0.91	cps
Iron	57-2	201169	202381	204167	202572	0.74	cps
Krypton	83-1	397	320	300	339	15.06	cps
Lead	206-1	2281722	2255097	2272600	2269806	0.60	cps
Lead	207-1	2099413	2083581	2114473	2099156	0.74	cps
Lead	208-1	9371450	9386030	9379637	9379039	0.08	cps
Lithium	6-1	839061	848069	842812	843314	0.54	cps
Magnesium	24-2	806924	800559	808544	805343	0.52	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:46:15	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133894	133901	136967	134921	1.31	cps
Molybdenum	94-1	5407579	5471294	5442065	5440313	0.59	cps
Molybdenum	95-1	6561120	6682486	6661033	6634879	0.98	cps
Molybdenum	96-1	7443656	7465004	7462998	7457219	0.16	cps
Molybdenum	97-1	4106267	4166280	4156588	4143045	0.78	cps
Molybdenum	98-1	10652660	10664823	10654185	10657223	0.06	cps
Neodymium	150-1	207	160	153	173	16.77	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	153693	155298	155412	154801	0.62	cps
Phosphorus	31-2	2425	2484	2467	2459	1.22	cps
Potassium	39-2	225240	222793	224666	224233	0.57	cps
Rhodium	103-1	4664036	4636081	4626510	4642209	0.42	cps
Rhodium	103-2	1148182	1140757	1150803	1146581	0.45	cps
Scandium	45-1	2653619	2620138	2655412	2643056	0.75	cps
Scandium	45-2	18319	18275	19016	18537	2.24	cps
Selenium	77-2	200	243	237	227	10.30	cps
Selenium	78-2	722	820	804	782	6.72	cps
Selenium	82-1	44511	44627	45092	44743	0.69	cps
Silicon	28-1	1482489	1559668	1521935	1521364	2.54	cps
Silver	109-1	3319886	3304630	3326141	3316886	0.33	cps
Silver	107-1	3463972	3430921	3454836	3449910	0.49	cps
Sodium	23-2	1820349	1814001	1814030	1816127	0.20	cps
Strontium	86-1	867310	867844	871341	868832	0.25	cps
Strontium	88-1	7483615	7561204	7535643	7526821	0.53	cps
Sulfur	34-1	459641	461184	455873	458900	0.60	cps
Terbium	159-1	6690988	6719036	6564982	6658335	1.23	cps
Terbium	159-2	1227110	1225702	1240925	1231246	0.68	cps
Thallium	203-1	2820919	2796196	2813142	2810086	0.45	cps
Thallium	205-1	6598913	6655935	6595267	6616705	0.51	cps
Tin	118-1	2299998	2287447	2275024	2287490	0.55	cps
Titanium	47-1	1607760	1602179	1616015	1608651	0.43	cps
Uranium	238-1	8975491	8983913	8895479	8951628	0.55	cps
Vanadium	51-2	177708	178109	178321	178046	0.18	cps
Yttrium	89-1	5336766	5332547	5379495	5349603	0.49	cps
Yttrium	89-2	145913	144441	148709	146354	1.48	cps
Zinc	66-2	86658	86041	86112	86270	0.39	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:46:15	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4571685	4583468	4583719	4579624	0.15	cps
Zirconium	91-1	1013719	1018206	1017008	1016311	0.23	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:49:47	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65996	68105	69220	67774	2.42	cps
Antimony	121-1	6806358	6713427	6736024	6751936	0.72	cps
Arsenic	75-2	67590	67882	67966	67813	0.29	cps
Barium	135-1	7218483	7128419	7221781	7189561	0.74	cps
Barium	137-1	12493352	12436870	12491840	12474021	0.26	cps
Beryllium	9-1	736281	745072	742407	741253	0.61	cps
Bismuth	209-1	4490592	4447150	4393152	4443631	1.10	cps
Bismuth	209-2	1048439	1045869	969941	1021416	4.37	cps
Boron	10-1	83133	84599	85907	84546	1.64	cps
Boron	11-1	391647	396361	402612	396874	1.39	cps
Cadmium	111-1	1410814	1407510	1412867	1410397	0.19	cps
Cadmium	106-1	148289	149403	148721	148804	0.38	cps
Cadmium	108-1	100085	100416	99333	99945	0.56	cps
Calcium	43-1	1294045	1275947	1284461	1284818	0.70	cps
Calcium	44-1	20694199	20897407	20701933	20764513	0.55	cps
Chromium	52-2	471456	480738	477097	476431	0.98	cps
Cobalt	59-2	1044226	1057043	1057445	1052904	0.71	cps
Copper	63-2	1823868	1852223	1849644	1841912	0.85	cps
Dysprosium	156-1	108	50	92	83	36.06	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	17	50	42	36	48.03	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	67	42	17	42	60.00	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	6519718	6540170	6517721	6525870	0.19	cps
Holmium	165-2	1307704	1302698	1207695	1272699	4.43	cps
Indium	115-1	5027658	5032820	5054493	5038324	0.28	cps
Indium	115-2	196103	196843	181075	191340	4.65	cps
Iron	56-2	15913215	16093079	16003652	16003315	0.56	cps
Iron	57-2	404122	409615	409120	407619	0.75	cps
Krypton	83-1	307	440	377	374	17.81	cps
Lead	206-1	4505511	4410688	4442249	4452816	1.08	cps
Lead	207-1	4137012	4113352	4145220	4131861	0.40	cps
Lead	208-1	18404934	18287126	18404847	18365636	0.37	cps
Lithium	6-1	838145	834465	833883	835498	0.28	cps
Magnesium	24-2	1652396	1657839	1643181	1651139	0.45	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:49:47	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	269661	270915	272794	271123	0.58	cps
Molybdenum	94-1	10947573	10854395	10750479	10850815	0.91	cps
Molybdenum	95-1	13325721	13258002	13289280	13291001	0.26	cps
Molybdenum	96-1	14953006	15005140	14757006	14905051	0.88	cps
Molybdenum	97-1	8341024	8292767	8241877	8291889	0.60	cps
Molybdenum	98-1	21542334	21338059	21468305	21449566	0.48	cps
Neodymium	150-1	347	260	293	300	14.57	cps
Neodymium	150-2	0	3	13	6	124.93	cps
Nickel	60-2	304418	306313	307656	306129	0.53	cps
Phosphorus	31-2	4726	4851	4776	4784	1.32	cps
Potassium	39-2	445253	452108	449615	448992	0.77	cps
Rhodium	103-1	4623967	4633591	4642476	4633345	0.20	cps
Rhodium	103-2	1136134	1143321	1058494	1112649	4.23	cps
Scandium	45-1	2700958	2680692	2699310	2693653	0.42	cps
Scandium	45-2	18255	18629	17835	18240	2.18	cps
Selenium	77-2	473	483	463	473	2.11	cps
Selenium	78-2	1589	1539	1463	1530	4.14	cps
Selenium	82-1	89508	88582	89003	89031	0.52	cps
Silicon	28-1	2457410	2424510	2422366	2434762	0.81	cps
Silver	109-1	6542939	6547517	6541394	6543950	0.05	cps
Silver	107-1	6746501	6813717	6808336	6789518	0.55	cps
Sodium	23-2	3605794	3628396	3630100	3621430	0.37	cps
Strontium	86-1	1749023	1737081	1768229	1751444	0.90	cps
Strontium	88-1	15076741	14875777	15026800	14993106	0.70	cps
Sulfur	34-1	646315	642209	646484	645003	0.38	cps
Terbium	159-1	6697500	6722643	6661590	6693911	0.46	cps
Terbium	159-2	1249372	1246593	1155091	1217019	4.41	cps
Thallium	203-1	5468337	5481430	5428966	5459578	0.50	cps
Thallium	205-1	13003036	12997996	12967569	12989534	0.15	cps
Tin	118-1	4562524	4480821	4535662	4526335	0.92	cps
Titanium	47-1	3213732	3218457	3218643	3216944	0.09	cps
Uranium	238-1	18079305	18059446	17879877	18006209	0.61	cps
Vanadium	51-2	361302	362436	360745	361494	0.24	cps
Yttrium	89-1	5409184	5362426	5436537	5402715	0.69	cps
Yttrium	89-2	146774	148715	137072	144187	4.33	cps
Zinc	66-2	168043	170665	169916	169541	0.80	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:49:47	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9087961	9158005	9102615	9116193	0.41	cps
Zirconium	91-1	2086323	2054434	2056951	2065903	0.86	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:53:15	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	343876	349514	351657	348349	1.15	cps
Antimony	121-1	22528	24081	26026	24212	7.24	cps
Arsenic	75-2	135	152	137	141	6.46	cps
Barium	135-1	1992	1917	1842	1917	3.91	cps
Barium	137-1	3559	3492	3442	3498	1.67	cps
Beryllium	9-1	772	717	728	739	3.98	cps
Bismuth	209-1	4172382	4075785	4124963	4124377	1.17	cps
Bismuth	209-2	975729	987317	990909	984652	0.81	cps
Boron	10-1	4359	3759	3667	3929	9.57	cps
Boron	11-1	19155	18863	17077	18365	6.12	cps
Cadmium	111-1	884	915	936	912	2.85	cps
Cadmium	106-1	875	983	983	947	6.60	cps
Cadmium	108-1	17	46	33	32	45.80	cps
Calcium	43-1	6489067	6503601	6570474	6521047	0.67	cps
Calcium	44-1	106814932	108305815	108920173	108013640	1.00	cps
Chromium	52-2	13120	13644	13440	13401	1.97	cps
Cobalt	59-2	12896	13043	12576	12838	1.86	cps
Copper	63-2	2300	2180	2257	2246	2.71	cps
Dysprosium	156-1	25	142	67	78	76.01	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	17	13	20	17	20.01	cps
Holmium	165-1	6384584	6295943	6325879	6335469	0.71	cps
Holmium	165-2	1274093	1290357	1291704	1285384	0.76	cps
Indium	115-1	4902572	4856386	4897744	4885567	0.52	cps
Indium	115-2	197290	198577	198177	198015	0.33	cps
Iron	56-2	79860805	80227435	80470180	80186140	0.38	cps
Iron	57-2	2070431	2084365	2083949	2079582	0.38	cps
Krypton	83-1	363	393	367	374	4.39	cps
Lead	206-1	24485	24207	24446	24380	0.62	cps
Lead	207-1	21185	20751	20601	20845	1.46	cps
Lead	208-1	96467	96630	96591	96563	0.09	cps
Lithium	6-1	832267	840665	847573	840168	0.91	cps
Magnesium	24-2	8213306	8284243	8404135	8300561	1.16	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:53:15	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1053	1117	990	1053	6.01	cps
Molybdenum	94-1	13674	13841	14734	14083	4.05	cps
Molybdenum	95-1	21768	21802	23722	22430	4.99	cps
Molybdenum	96-1	25300	26343	27596	26413	4.35	cps
Molybdenum	97-1	13441	14900	14800	14380	5.67	cps
Molybdenum	98-1	34796	36266	37578	36213	3.84	cps
Neodymium	150-1	80	100	53	78	30.10	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	8376	8463	8469	8436	0.62	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2348664	2361070	2412159	2373965	1.42	cps
Rhodium	103-1	4398842	4356261	4438057	4397720	0.93	cps
Rhodium	103-2	1089427	1096293	1099027	1094916	0.45	cps
Scandium	45-1	2662286	2656984	2718438	2679236	1.27	cps
Scandium	45-2	19060	19310	19323	19231	0.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	92	76	142	103	33.35	cps
Silicon	28-1	558379	569676	582347	570134	2.10	cps
Silver	109-1	608	475	567	550	12.40	cps
Silver	107-1	658	525	592	592	11.27	cps
Sodium	23-2	18562612	18586538	18722718	18623956	0.46	cps
Strontium	86-1	56451	56451	57346	56749	0.91	cps
Strontium	88-1	503234	499709	497938	500294	0.54	cps
Sulfur	34-1	279239	285426	288846	284504	1.71	cps
Terbium	159-1	6552389	6494337	6547421	6531382	0.49	cps
Terbium	159-2	1219529	1221298	1225020	1221949	0.23	cps
Thallium	203-1	3084	2976	3009	3023	1.84	cps
Thallium	205-1	7444	7161	6911	7172	3.72	cps
Tin	118-1	12198	12823	13007	12676	3.35	cps
Titanium	47-1	1984	2025	1925	1978	2.54	cps
Uranium	238-1	1534	1625	1500	1553	4.17	cps
Vanadium	51-2	127	133	200	153	26.45	cps
Yttrium	89-1	5251770	5227214	5259368	5246117	0.32	cps
Yttrium	89-2	148163	148200	151206	149190	1.17	cps
Zinc	66-2	1043	980	920	981	6.29	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 16:53:15	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2425	2734	2300	2486	8.97	cps
Zirconium	91-1	583	592	650	608	5.97	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:06:44	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1900	1850	1950	1900	2.63	cps
Antimony	121-1	1294798	1293425	1283233	1290485	0.49	cps
Arsenic	75-2	14063	14233	14172	14156	0.61	cps
Barium	135-1	138939	137633	137282	137951	0.63	cps
Barium	137-1	240663	241017	240418	240699	0.13	cps
Beryllium	9-1	78636	78977	78139	78584	0.54	cps
Bismuth	209-1	4329557	4297255	4355541	4327451	0.67	cps
Bismuth	209-2	1073102	1060142	1070851	1068032	0.65	cps
Boron	10-1	54538	54605	55291	54811	0.76	cps
Boron	11-1	259738	260236	259574	259849	0.13	cps
Cadmium	111-1	143852	142543	144512	143635	0.70	cps
Cadmium	106-1	25041	24156	24264	24487	1.97	cps
Cadmium	108-1	12573	13161	13269	13001	2.88	cps
Calcium	43-1	29682	28830	30041	29518	2.11	cps
Calcium	44-1	460352	457145	457265	458254	0.40	cps
Chromium	52-2	49956	49929	49621	49835	0.37	cps
Cobalt	59-2	113041	111401	112136	112193	0.73	cps
Copper	63-2	97119	97553	97213	97295	0.23	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	92	58	50	67	33.07	cps
Erbium	164-2	20	13	20	18	21.66	cps
Gadolinium	160-1	50	33	25	36	35.25	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	6279464	6252026	6282803	6271431	0.27	cps
Holmium	165-2	1302498	1287421	1291813	1293911	0.60	cps
Indium	115-1	5089363	5117822	5131102	5112763	0.42	cps
Indium	115-2	208259	207357	209583	208400	0.54	cps
Iron	56-2	345512	345088	342833	344478	0.42	cps
Iron	57-2	8759	8964	8731	8818	1.45	cps
Krypton	83-1	387	380	313	360	11.26	cps
Lead	206-1	859631	853768	852925	855441	0.43	cps
Lead	207-1	740461	745769	744050	743427	0.36	cps
Lead	208-1	3482942	3482821	3488654	3484806	0.10	cps
Lithium	6-1	895848	914232	901978	904019	1.04	cps
Magnesium	24-2	21851	22218	21292	21787	2.14	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:06:44	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14287	14581	14421	14430	1.02	cps
Molybdenum	94-1	2599030	2590058	2620428	2603172	0.60	cps
Molybdenum	95-1	1423151	1446557	1434306	1434671	0.82	cps
Molybdenum	96-1	1839065	1858619	1868299	1855328	0.80	cps
Molybdenum	97-1	883443	889792	885812	886349	0.36	cps
Molybdenum	98-1	2312948	2326884	2342675	2327502	0.64	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	33998	33698	33731	33809	0.49	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	21759	21818	22385	21988	1.57	cps
Rhodium	103-1	4776624	4743119	4793372	4771039	0.54	cps
Rhodium	103-2	1203225	1198716	1194260	1198734	0.37	cps
Scandium	45-1	2830580	2740149	2794491	2788407	1.63	cps
Scandium	45-2	20602	20191	20198	20330	1.16	cps
Selenium	77-2	57	93	110	87	31.48	cps
Selenium	78-2	331	270	356	319	13.76	cps
Selenium	82-1	17625	18034	17664	17774	1.27	cps
Silicon	28-1	1579765	1559793	1571743	1570434	0.64	cps
Silver	109-1	642390	646078	643800	644089	0.29	cps
Silver	107-1	672653	674987	683030	676890	0.80	cps
Sodium	23-2	82489	83319	82573	82794	0.55	cps
Strontium	86-1	926188	925714	918899	923600	0.44	cps
Strontium	88-1	7959986	8021271	7945084	7975447	0.51	cps
Sulfur	34-1	304092	302872	301827	302930	0.37	cps
Terbium	159-1	6515646	6485298	6567779	6522908	0.64	cps
Terbium	159-2	1243583	1237183	1232869	1237879	0.44	cps
Thallium	203-1	1065731	1060653	1072328	1066238	0.55	cps
Thallium	205-1	2610623	2588000	2593076	2597233	0.46	cps
Tin	118-1	2435609	2420097	2409412	2421706	0.54	cps
Titanium	47-1	353751	354783	356597	355044	0.41	cps
Uranium	238-1	8791430	8868597	8856517	8838848	0.47	cps
Vanadium	51-2	37581	38202	36798	37527	1.87	cps
Yttrium	89-1	5396565	5370053	5370705	5379107	0.28	cps
Yttrium	89-2	155342	154769	154331	154814	0.33	cps
Zinc	66-2	18129	18152	18569	18283	1.36	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:06:44	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4870043	4851746	4810201	4843997	0.63	cps
Zirconium	91-1	1082589	1079093	1082443	1081375	0.18	cps

LB Number : LB94756 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 17:13:00 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	0	8	100.02	cps
Antimony	121-1	2934	3876	4134	3648	17.32	cps
Arsenic	75-2	7	15	6	9	52.86	cps
Barium	135-1	50	58	33	47	26.97	cps
Barium	137-1	67	50	42	53	24.12	cps
Beryllium	9-1	239	244	233	239	2.33	cps
Bismuth	209-1	3952813	4269763	4331576	4184717	4.86	cps
Bismuth	209-2	1063198	1068162	1063354	1064905	0.26	cps
Boron	10-1	783	767	633	728	11.30	cps
Boron	11-1	3084	2934	2900	2973	3.29	cps
Cadmium	111-1	622	613	582	606	3.43	cps
Cadmium	106-1	858	850	808	839	3.19	cps
Cadmium	108-1	0	4	13	6	114.53	cps
Calcium	43-1	708	775	742	742	4.49	cps
Calcium	44-1	8828	9620	9762	9404	5.35	cps
Chromium	52-2	213	233	223	223	4.48	cps
Cobalt	59-2	50	53	40	48	14.52	cps
Copper	63-2	113	77	127	106	24.53	cps
Dysprosium	156-1	17	8	33	19	65.48	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	50	17	17	28	69.27	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	5783599	6236551	6196596	6072249	4.13	cps
Holmium	165-2	1295243	1291671	1289529	1292148	0.22	cps
Indium	115-1	4703792	5110273	5136932	4983666	4.87	cps
Indium	115-2	212129	211717	211409	211752	0.17	cps
Iron	56-2	1528	1567	1517	1537	1.71	cps
Iron	57-2	50	72	39	54	31.60	cps
Krypton	83-1	320	367	400	362	11.09	cps
Lead	206-1	406	467	467	446	7.91	cps
Lead	207-1	439	300	294	344	23.76	cps
Lead	208-1	1572	1572	1678	1608	3.79	cps
Lithium	6-1	813696	881872	880754	858774	4.55	cps
Magnesium	24-2	400	575	483	486	18.01	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:13:00	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	3	13	16	86.63	cps
Molybdenum	94-1	758	775	958	831	13.36	cps
Molybdenum	95-1	725	1167	1317	1070	28.76	cps
Molybdenum	96-1	767	1183	1533	1161	33.06	cps
Molybdenum	97-1	575	733	858	722	19.66	cps
Molybdenum	98-1	1208	1692	2034	1645	25.21	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	630	630	650	637	1.81	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2092	2234	2192	2172	3.35	cps
Rhodium	103-1	4413964	4762716	4793741	4656807	4.53	cps
Rhodium	103-2	1209031	1204430	1208191	1207217	0.20	cps
Scandium	45-1	2516426	2736461	2761197	2671362	5.04	cps
Scandium	45-2	19597	20145	20462	20068	2.18	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	66	-4	-32	10	497.22	cps
Silicon	28-1	357541	353067	349608	353405	1.13	cps
Silver	109-1	75	83	100	86	14.78	cps
Silver	107-1	125	100	100	108	13.33	cps
Sodium	23-2	4718	4676	4559	4651	1.77	cps
Strontium	86-1	667	550	467	561	17.90	cps
Strontium	88-1	175	192	150	172	12.18	cps
Sulfur	34-1	298370	303943	303009	301774	0.99	cps
Terbium	159-1	6007841	6428553	6454409	6296934	3.98	cps
Terbium	159-2	1230651	1226919	1233146	1230239	0.25	cps
Thallium	203-1	575	567	608	583	3.78	cps
Thallium	205-1	1525	1467	1367	1453	5.51	cps
Tin	118-1	1133	1208	1467	1270	13.78	cps
Titanium	47-1	192	108	183	161	28.49	cps
Uranium	238-1	75	225	192	164	48.06	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	4945764	5333008	5389137	5222636	4.62	cps
Yttrium	89-2	155668	155934	155072	155558	0.28	cps
Zinc	66-2	13	23	13	17	34.65	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:13:00	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	592	633	667	631	5.96	cps
Zirconium	91-1	158	125	142	142	11.76	cps

LB Number : LB94756 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 17:16:25 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	324174	323709	323242	323708	0.14	cps
Antimony	121-1	9120	10004	10688	9937	7.91	cps
Arsenic	75-2	19	24	31	25	26.34	cps
Barium	135-1	2084	2359	2100	2181	7.07	cps
Barium	137-1	3567	3767	3634	3656	2.79	cps
Beryllium	9-1	394	450	461	435	8.21	cps
Bismuth	209-1	4200599	4231666	4210432	4214232	0.38	cps
Bismuth	209-2	1036129	1024069	1031326	1030508	0.59	cps
Boron	10-1	808	800	558	722	19.66	cps
Boron	11-1	3742	3417	3459	3539	5.00	cps
Cadmium	111-1	1026	1097	1194	1106	7.63	cps
Cadmium	106-1	925	825	1058	936	12.51	cps
Cadmium	108-1	692	675	663	676	2.16	cps
Calcium	43-1	1283860	1308924	1298518	1297101	0.97	cps
Calcium	44-1	21169168	21137092	21041188	21115816	0.32	cps
Chromium	52-2	11598	11435	11622	11552	0.88	cps
Cobalt	59-2	1347	1233	1393	1325	6.21	cps
Copper	63-2	7759	7445	7312	7505	3.06	cps
Dysprosium	156-1	75	25	42	47	53.91	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	50	33	67	50	33.34	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	92	50	50	64	37.66	cps
Gadolinium	160-2	10	10	17	12	31.50	cps
Holmium	165-1	6394767	6372416	6367559	6378247	0.23	cps
Holmium	165-2	1301850	1299697	1302249	1301265	0.11	cps
Indium	115-1	5068864	5059047	5108899	5078936	0.52	cps
Indium	115-2	208104	205516	203720	205780	1.07	cps
Iron	56-2	32644972	32667809	32079426	32464069	1.03	cps
Iron	57-2	827645	823847	824607	825366	0.24	cps
Krypton	83-1	447	370	360	392	12.09	cps
Lead	206-1	21791	20300	21252	21114	3.58	cps
Lead	207-1	16867	16978	16717	16854	0.78	cps
Lead	208-1	81844	78680	78969	79831	2.19	cps
Lithium	6-1	848160	852068	851048	850425	0.24	cps
Magnesium	24-2	1669662	1626257	1648351	1648090	1.32	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:16:25	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1090	1217	1263	1190	7.54	cps
Molybdenum	94-1	2934302	2943148	2991083	2956177	1.03	cps
Molybdenum	95-1	5130801	5130949	5144282	5135344	0.15	cps
Molybdenum	96-1	5528365	5525604	5609646	5554538	0.86	cps
Molybdenum	97-1	3231805	3247946	3278655	3252802	0.73	cps
Molybdenum	98-1	8220084	8266430	8334698	8273738	0.70	cps
Neodymium	150-1	7	13	40	20	88.19	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	3127	2967	3020	3038	2.68	cps
Phosphorus	31-2	25708	25557	24606	25290	2.36	cps
Potassium	39-2	939956	941679	930620	937418	0.63	cps
Rhodium	103-1	4629781	4684878	4661049	4658570	0.59	cps
Rhodium	103-2	1162392	1156847	1150864	1156701	0.50	cps
Scandium	45-1	2769041	2784073	2744644	2765919	0.72	cps
Scandium	45-2	19127	19307	18943	19125	0.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	-44	-49	-9	-34	-63.22	cps
Silicon	28-1	444626	445754	444262	444881	0.17	cps
Silver	109-1	508	542	742	597	21.13	cps
Silver	107-1	717	692	800	736	7.71	cps
Sodium	23-2	3777991	3698242	3652578	3709603	1.71	cps
Strontium	86-1	58234	58493	59907	58878	1.53	cps
Strontium	88-1	506818	506859	510984	508220	0.47	cps
Sulfur	34-1	1868811	1857835	1871812	1866153	0.39	cps
Terbium	159-1	6520852	6592695	6657950	6590499	1.04	cps
Terbium	159-2	1245185	1237046	1237607	1239946	0.37	cps
Thallium	203-1	1117	1250	1233	1200	6.05	cps
Thallium	205-1	2842	3267	3142	3084	7.08	cps
Tin	118-1	1884	1800	2217	1967	11.21	cps
Titanium	47-1	1333507	1324268	1321644	1326473	0.47	cps
Uranium	238-1	342	392	417	383	9.96	cps
Vanadium	51-2	57	73	70	67	13.22	cps
Yttrium	89-1	5344905	5400133	5417272	5387437	0.70	cps
Yttrium	89-2	153423	153164	153042	153210	0.13	cps
Zinc	66-2	1023	1007	1063	1031	2.82	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:16:25	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3834	3259	2650	3248	18.22	cps
Zirconium	91-1	683	667	550	633	11.47	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:19:44	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	320267	319726	319508	319834	0.12	cps
Antimony	121-1	141163	139900	141938	141000	0.73	cps
Arsenic	75-2	1404	1356	1348	1369	2.20	cps
Barium	135-1	30862	30745	29810	30472	1.89	cps
Barium	137-1	54773	52715	53149	53546	2.03	cps
Beryllium	9-1	15976	15753	15698	15809	0.93	cps
Bismuth	209-1	4288800	4359033	4289714	4312516	0.93	cps
Bismuth	209-2	1045251	1032453	1037928	1038544	0.62	cps
Boron	10-1	5793	6010	5476	5760	4.66	cps
Boron	11-1	26033	26934	27077	26681	2.12	cps
Cadmium	111-1	28806	28393	28667	28622	0.73	cps
Cadmium	106-1	4326	4234	4359	4306	1.50	cps
Cadmium	108-1	2913	2755	2930	2866	3.37	cps
Calcium	43-1	1283996	1297797	1305875	1295889	0.85	cps
Calcium	44-1	20864020	20924652	21148604	20979092	0.71	cps
Chromium	52-2	21520	21190	20842	21184	1.60	cps
Cobalt	59-2	23003	22639	22588	22743	0.99	cps
Copper	63-2	26295	26348	26101	26248	0.50	cps
Dysprosium	156-1	0	50	17	22	114.56	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	50	58	58	56	8.67	cps
Erbium	164-2	3	13	13	10	57.75	cps
Gadolinium	160-1	42	17	92	50	76.37	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	6451966	6474481	6464964	6463803	0.17	cps
Holmium	165-2	1316389	1306679	1316112	1313060	0.42	cps
Indium	115-1	5127301	5120133	5124701	5124045	0.07	cps
Indium	115-2	206361	203336	203375	204357	0.85	cps
Iron	56-2	32172512	32182897	31873938	32076449	0.55	cps
Iron	57-2	819815	813406	817252	816825	0.39	cps
Krypton	83-1	347	380	417	381	9.19	cps
Lead	206-1	109558	108852	109148	109186	0.32	cps
Lead	207-1	92369	90980	90594	91314	1.02	cps
Lead	208-1	424455	423551	425124	424377	0.19	cps
Lithium	6-1	844490	847913	848770	847058	0.27	cps
Magnesium	24-2	1620961	1628360	1610625	1619982	0.55	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:19:44	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4054	4097	3907	4020	2.48	cps
Molybdenum	94-1	3191483	3255022	3259177	3235227	1.17	cps
Molybdenum	95-1	5324725	5394819	5337269	5352271	0.70	cps
Molybdenum	96-1	5815977	5778168	5796854	5796999	0.33	cps
Molybdenum	97-1	3326892	3370056	3370813	3355920	0.75	cps
Molybdenum	98-1	8593365	8631955	8620979	8615433	0.23	cps
Neodymium	150-1	33	73	27	44	56.78	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	9520	9450	9747	9572	1.62	cps
Phosphorus	31-2	24848	24055	24647	24517	1.68	cps
Potassium	39-2	924342	918674	902083	915033	1.26	cps
Rhodium	103-1	4663181	4696117	4662136	4673811	0.41	cps
Rhodium	103-2	1161539	1143563	1156252	1153785	0.80	cps
Scandium	45-1	2727207	2720987	2751910	2733368	0.60	cps
Scandium	45-2	18930	19100	18819	18950	0.75	cps
Selenium	77-2	17	7	3	9	78.08	cps
Selenium	78-2	39	33	33	35	9.12	cps
Selenium	82-1	1841	1666	1798	1768	5.17	cps
Silicon	28-1	573394	568125	572807	571442	0.51	cps
Silver	109-1	122739	123436	123091	123089	0.28	cps
Silver	107-1	126919	129694	131107	129240	1.65	cps
Sodium	23-2	3629508	3653858	3674177	3652514	0.61	cps
Strontium	86-1	151574	150597	148878	150350	0.91	cps
Strontium	88-1	1307812	1312494	1323897	1314734	0.63	cps
Sulfur	34-1	1838010	1843698	1834067	1838592	0.26	cps
Terbium	159-1	6683471	6671277	6638423	6664390	0.35	cps
Terbium	159-2	1247674	1245787	1249867	1247776	0.16	cps
Thallium	203-1	109159	108780	109998	109312	0.57	cps
Thallium	205-1	262556	261360	261851	261922	0.23	cps
Tin	118-1	239186	240371	240391	239983	0.29	cps
Titanium	47-1	1340729	1342850	1346070	1343216	0.20	cps
Uranium	238-1	910553	915001	918260	914605	0.42	cps
Vanadium	51-2	7309	7492	7049	7283	3.06	cps
Yttrium	89-1	5401787	5425161	5472099	5433015	0.66	cps
Yttrium	89-2	153039	152170	152470	152560	0.29	cps
Zinc	66-2	2894	2847	2917	2886	1.24	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:19:44	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	483905	493765	496452	491374	1.34	cps
Zirconium	91-1	106724	109834	109411	108657	1.55	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:26:20	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	189642	190750	191183	190525	0.42	cps
Antimony	121-1	3408094	3354556	3366169	3376273	0.83	cps
Arsenic	75-2	34866	35471	36192	35510	1.87	cps
Barium	135-1	3621719	3602103	3614178	3612667	0.27	cps
Barium	137-1	6231823	6260392	6282899	6258372	0.41	cps
Beryllium	9-1	391109	393068	390925	391701	0.30	cps
Bismuth	209-1	4182726	4196989	4214470	4198062	0.38	cps
Bismuth	209-2	1025865	1027120	1028780	1027255	0.14	cps
Boron	10-1	43082	44345	44712	44046	1.94	cps
Boron	11-1	199701	206270	210987	205653	2.76	cps
Cadmium	111-1	694279	690998	688869	691382	0.39	cps
Cadmium	106-1	74389	74682	73576	74216	0.77	cps
Cadmium	108-1	49232	49215	48190	48879	1.22	cps
Calcium	43-1	3277263	3285022	3285510	3282598	0.14	cps
Calcium	44-1	53446941	53880080	53701241	53676087	0.41	cps
Chromium	52-2	260320	263646	262514	262160	0.65	cps
Cobalt	59-2	546489	551314	551201	549668	0.50	cps
Copper	63-2	931709	934484	937557	934583	0.31	cps
Dysprosium	156-1	133	108	100	114	15.23	cps
Dysprosium	156-2	17	3	17	12	63.01	cps
Erbium	164-1	58	33	17	36	58.08	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	50	83	67	67	25.00	cps
Gadolinium	160-2	17	3	17	12	63.01	cps
Holmium	165-1	6445930	6449466	6447971	6447789	0.03	cps
Holmium	165-2	1310816	1301333	1310826	1307658	0.42	cps
Indium	115-1	5012862	4957154	4980102	4983372	0.56	cps
Indium	115-2	206215	201552	202850	203539	1.18	cps
Iron	56-2	41535293	41883637	41931544	41783491	0.52	cps
Iron	57-2	1069547	1063291	1070453	1067764	0.37	cps
Krypton	83-1	333	363	403	367	9.58	cps
Lead	206-1	2201870	2180435	2172835	2185047	0.69	cps
Lead	207-1	2020416	2003655	2030939	2018337	0.68	cps
Lead	208-1	9061619	9015057	9005750	9027475	0.33	cps
Lithium	6-1	850383	850915	859217	853505	0.58	cps
Magnesium	24-2	4258398	4221649	4230824	4236957	0.45	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:26:20	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	144690	146747	146192	145877	0.73	cps
Molybdenum	94-1	5516391	5574547	5505683	5532207	0.67	cps
Molybdenum	95-1	6749249	6767450	6794461	6770386	0.34	cps
Molybdenum	96-1	7564693	7515142	7512897	7530910	0.39	cps
Molybdenum	97-1	4251871	4242375	4238197	4244148	0.17	cps
Molybdenum	98-1	10889036	10889784	10898876	10892565	0.05	cps
Neodymium	150-1	173	173	227	191	16.11	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	161062	163017	162819	162299	0.66	cps
Phosphorus	31-2	2775	2684	2275	2578	10.33	cps
Potassium	39-2	1214001	1225182	1221028	1220070	0.46	cps
Rhodium	103-1	4590925	4552513	4549432	4564290	0.51	cps
Rhodium	103-2	1149020	1131151	1144294	1141489	0.81	cps
Scandium	45-1	2751697	2760577	2727369	2746548	0.63	cps
Scandium	45-2	19450	19327	19527	19435	0.52	cps
Selenium	77-2	143	273	253	223	31.34	cps
Selenium	78-2	828	822	756	802	5.01	cps
Selenium	82-1	45120	44943	44301	44788	0.96	cps
Silicon	28-1	1549909	1542654	1576912	1556492	1.16	cps
Silver	109-1	3287421	3237503	3258022	3260982	0.77	cps
Silver	107-1	3405161	3360464	3368126	3377917	0.71	cps
Sodium	23-2	9544052	9541683	9523850	9536528	0.12	cps
Strontium	86-1	910070	902918	905232	906074	0.40	cps
Strontium	88-1	7909460	7848862	7912455	7890259	0.45	cps
Sulfur	34-1	482513	484888	488938	485446	0.67	cps
Terbium	159-1	6636825	6614036	6574194	6608352	0.48	cps
Terbium	159-2	1255486	1239046	1241059	1245197	0.72	cps
Thallium	203-1	2736327	2722782	2699557	2719555	0.68	cps
Thallium	205-1	6429057	6336730	6334837	6366875	0.85	cps
Tin	118-1	2295739	2258882	2273318	2275980	0.82	cps
Titanium	47-1	1708378	1681838	1678513	1689576	0.97	cps
Uranium	238-1	8914333	8710491	8758293	8794373	1.21	cps
Vanadium	51-2	191878	193921	193475	193091	0.56	cps
Yttrium	89-1	5450900	5322493	5456874	5410089	1.40	cps
Yttrium	89-2	153953	153498	154219	153890	0.24	cps
Zinc	66-2	87423	88527	87980	87977	0.63	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:26:20	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4728557	4666982	4658262	4684600	0.82	cps
Zirconium	91-1	1047529	1033248	1041586	1040788	0.69	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:29:34	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	17	19	24.73	cps
Antimony	121-1	11622	12406	12707	12245	4.57	cps
Arsenic	75-2	13	22	17	17	26.96	cps
Barium	135-1	233	100	142	158	43.08	cps
Barium	137-1	425	275	292	331	24.87	cps
Beryllium	9-1	461	433	489	461	6.02	cps
Bismuth	209-1	4421772	4482005	4412485	4438754	0.85	cps
Bismuth	209-2	1078879	1076908	1079072	1078286	0.11	cps
Boron	10-1	1825	1583	1558	1656	8.90	cps
Boron	11-1	8453	7844	7294	7864	7.37	cps
Cadmium	111-1	729	713	515	652	18.22	cps
Cadmium	106-1	917	942	675	845	17.44	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Calcium	43-1	967	825	725	839	14.48	cps
Calcium	44-1	13073	11830	11188	12031	7.97	cps
Chromium	52-2	233	223	267	241	9.41	cps
Cobalt	59-2	70	43	57	57	23.53	cps
Copper	63-2	200	203	187	197	4.49	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	33	25	50	36	35.25	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	6352869	6440321	6400573	6397921	0.68	cps
Holmium	165-2	1307917	1285688	1296915	1296840	0.86	cps
Indium	115-1	5235370	5226915	5142196	5201493	0.99	cps
Indium	115-2	211308	210050	210693	210684	0.30	cps
Iron	56-2	3956	3867	3823	3882	1.75	cps
Iron	57-2	78	139	94	104	30.46	cps
Krypton	83-1	367	407	493	422	15.34	cps
Lead	206-1	833	772	778	795	4.25	cps
Lead	207-1	606	706	594	635	9.63	cps
Lead	208-1	3028	3039	2856	2974	3.46	cps
Lithium	6-1	893316	907371	891176	897288	0.98	cps
Magnesium	24-2	533	550	492	525	5.72	cps

LB Number : LB94756 Operator : Jaswal
 Lab Sample ID : CCB37 Instrumnet Name : P8
 Client Sample ID : CCB37 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-19 17:29:34 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	13	17	20	44.10	cps
Molybdenum	94-1	2967	3042	4167	3392	19.82	cps
Molybdenum	95-1	4568	5018	5693	5093	11.12	cps
Molybdenum	96-1	4434	5110	6060	5201	15.70	cps
Molybdenum	97-1	2609	2867	3792	3089	20.14	cps
Molybdenum	98-1	7002	7544	8603	7716	10.55	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	683	660	640	661	3.28	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2384	2084	2325	2264	7.03	cps
Rhodium	103-1	4816272	4826867	4844944	4829361	0.30	cps
Rhodium	103-2	1204876	1200789	1200574	1202080	0.20	cps
Scandium	45-1	2789766	2778303	2744279	2770783	0.85	cps
Scandium	45-2	19547	19277	19220	19348	0.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-1	-59	-90	-50	-90.04	cps
Silicon	28-1	351726	347412	351901	350346	0.73	cps
Silver	109-1	292	325	317	311	5.57	cps
Silver	107-1	392	292	317	333	15.61	cps
Sodium	23-2	6452	6418	6393	6421	0.46	cps
Strontium	86-1	742	700	650	697	6.58	cps
Strontium	88-1	433	375	475	428	11.74	cps
Sulfur	34-1	297588	300737	298877	299067	0.53	cps
Terbium	159-1	6579702	6647906	6602016	6609875	0.53	cps
Terbium	159-2	1240667	1235792	1244943	1240467	0.37	cps
Thallium	203-1	1108	1425	1158	1231	13.84	cps
Thallium	205-1	2859	2942	2884	2895	1.48	cps
Tin	118-1	2067	2309	2059	2145	6.62	cps
Titanium	47-1	333	183	150	222	43.94	cps
Uranium	238-1	825	525	517	622	28.23	cps
Vanadium	51-2	13	7	13	11	34.61	cps
Yttrium	89-1	5431876	5501246	5427736	5453619	0.76	cps
Yttrium	89-2	153727	151368	152590	152562	0.77	cps
Zinc	66-2	27	20	27	24	15.75	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:29:34	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1375	1242	1400	1339	6.36	cps
Zirconium	91-1	275	233	225	244	10.96	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:32:58	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	42	67	58	24.74	cps
Antimony	121-1	16186	16895	17721	16934	4.54	cps
Arsenic	75-2	63	81	50	65	24.41	cps
Barium	135-1	13616	13549	13724	13630	0.65	cps
Barium	137-1	23697	24390	23764	23950	1.60	cps
Beryllium	9-1	1145	1083	889	1039	12.85	cps
Bismuth	209-1	4473633	4435975	4431593	4447067	0.52	cps
Bismuth	209-2	1071374	1065993	1072383	1069917	0.32	cps
Boron	10-1	2675	3084	2892	2884	7.09	cps
Boron	11-1	13415	13424	13157	13332	1.14	cps
Cadmium	111-1	2071	1934	2062	2022	3.80	cps
Cadmium	106-1	1083	917	1058	1020	8.82	cps
Cadmium	108-1	113	113	125	117	6.19	cps
Calcium	43-1	7236	6510	7102	6949	5.56	cps
Calcium	44-1	111423	110206	111290	110973	0.60	cps
Chromium	52-2	1327	1240	1273	1280	3.42	cps
Cobalt	59-2	1100	1200	1090	1130	5.38	cps
Copper	63-2	2047	1964	1880	1964	4.24	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	17	8	19	65.47	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	42	25	33	33	25.01	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	6403651	6364448	6401773	6389957	0.35	cps
Holmium	165-2	1292779	1290339	1288974	1290697	0.15	cps
Indium	115-1	5257369	5192213	5164941	5204841	0.91	cps
Indium	115-2	206664	206890	208983	207512	0.62	cps
Iron	56-2	18696	19008	19520	19075	2.18	cps
Iron	57-2	489	517	528	511	3.92	cps
Krypton	83-1	380	407	390	392	3.44	cps
Lead	206-1	4857	4884	4851	4864	0.37	cps
Lead	207-1	4490	4579	4312	4460	3.05	cps
Lead	208-1	19262	19918	19612	19597	1.68	cps
Lithium	6-1	892917	890777	918879	900858	1.74	cps
Magnesium	24-2	8278	8436	8887	8533	3.70	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:32:58	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	157	173	149	19.56	cps
Molybdenum	94-1	11714	12064	11914	11897	1.48	cps
Molybdenum	95-1	13983	13841	15259	14361	5.44	cps
Molybdenum	96-1	15793	15818	16294	15968	1.77	cps
Molybdenum	97-1	8411	8895	9354	8887	5.30	cps
Molybdenum	98-1	22286	22578	23413	22759	2.57	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	943	900	1030	958	6.91	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	6760	6885	6543	6730	2.57	cps
Rhodium	103-1	4858958	4824946	4816662	4833522	0.46	cps
Rhodium	103-2	1198815	1188897	1197889	1195200	0.46	cps
Scandium	45-1	2775210	2711691	2752836	2746579	1.17	cps
Scandium	45-2	19497	19167	19404	19356	0.88	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	11	9	4	8	48.07	cps
Selenium	82-1	379	374	335	363	6.69	cps
Silicon	28-1	381238	383696	382009	382314	0.33	cps
Silver	109-1	6852	6619	6202	6557	5.02	cps
Silver	107-1	6702	6619	6785	6702	1.24	cps
Sodium	23-2	24539	24305	22919	23921	3.66	cps
Strontium	86-1	2292	2259	2367	2306	2.41	cps
Strontium	88-1	15176	15251	14425	14951	3.05	cps
Sulfur	34-1	299194	302728	300574	300832	0.59	cps
Terbium	159-1	6614771	6539806	6616909	6590495	0.67	cps
Terbium	159-2	1230715	1235125	1225825	1230555	0.38	cps
Thallium	203-1	6243	6077	6093	6138	1.50	cps
Thallium	205-1	14400	13925	14325	14217	1.80	cps
Tin	118-1	21802	21844	22461	22036	1.68	cps
Titanium	47-1	3317	3276	3517	3370	3.84	cps
Uranium	238-1	16578	16979	16729	16762	1.21	cps
Vanadium	51-2	1753	1743	1667	1721	2.75	cps
Yttrium	89-1	5429029	5380076	5424318	5411141	0.50	cps
Yttrium	89-2	152160	151765	150939	151621	0.41	cps
Zinc	66-2	230	213	187	210	10.41	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:32:58	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10871	10254	10805	10644	3.18	cps
Zirconium	91-1	2259	2400	2325	2328	3.05	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2241-02	Instrumnet Name :	P8
Client Sample ID :	1206	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:44:45	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2317	2959	2725	2667	12.18	cps
Antimony	121-1	234967	238146	235660	236257	0.71	cps
Arsenic	75-2	1235	1283	1245	1254	2.04	cps
Barium	135-1	2539175	2508333	2551464	2532991	0.88	cps
Barium	137-1	4358308	4367459	4381781	4369183	0.27	cps
Beryllium	9-1	4234	4340	4023	4199	3.84	cps
Bismuth	209-1	4477077	4572819	4493703	4514533	1.13	cps
Bismuth	209-2	1092805	1088637	1098639	1093360	0.46	cps
Boron	10-1	71312	73212	75549	73358	2.89	cps
Boron	11-1	332814	345356	349744	342638	2.56	cps
Cadmium	111-1	32634	32089	33351	32691	1.94	cps
Cadmium	106-1	3909	3742	3726	3792	2.67	cps
Cadmium	108-1	2188	2084	1988	2086	4.80	cps
Calcium	43-1	883	750	708	781	11.71	cps
Calcium	44-1	9921	9512	9871	9768	2.28	cps
Chromium	52-2	56684	57274	56761	56906	0.56	cps
Cobalt	59-2	43	37	30	37	18.18	cps
Copper	63-2	270348	270733	270152	270411	0.11	cps
Dysprosium	156-1	17	0	75	31	128.88	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	0	33	0	11	173.21	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	6451725	6544110	6471872	6489236	0.75	cps
Holmium	165-2	1323253	1318396	1320239	1320629	0.19	cps
Indium	115-1	5316621	5253464	5275126	5281737	0.61	cps
Indium	115-2	214363	213002	215088	214151	0.49	cps
Iron	56-2	365552	369188	368641	367793	0.53	cps
Iron	57-2	9592	9270	9248	9370	2.06	cps
Krypton	83-1	353	300	397	350	13.83	cps
Lead	206-1	185204	182076	184587	183955	0.90	cps
Lead	207-1	153736	152571	153876	153394	0.47	cps
Lead	208-1	723705	717358	722484	721182	0.47	cps
Lithium	6-1	920378	921996	913707	918694	0.48	cps
Magnesium	24-2	550	508	558	539	4.97	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2241-02	Instrumnet Name :	P8
Client Sample ID :	1206	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:44:45	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	32728	32107	31770	32202	1.51	cps
Molybdenum	94-1	132859	132382	132718	132653	0.18	cps
Molybdenum	95-1	228619	230101	232377	230366	0.82	cps
Molybdenum	96-1	247679	245830	246552	246687	0.38	cps
Molybdenum	97-1	143847	146517	144169	144844	1.01	cps
Molybdenum	98-1	372067	369581	371943	371197	0.38	cps
Neodymium	150-1	87	93	80	87	7.70	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	26759	25958	25624	26114	2.23	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1784	2042	1875	1900	6.89	cps
Rhodium	103-1	4894279	4895376	4837610	4875755	0.68	cps
Rhodium	103-2	1214027	1218109	1215802	1215980	0.17	cps
Scandium	45-1	2772788	2811639	2775856	2786761	0.78	cps
Scandium	45-2	19237	19871	19948	19685	1.98	cps
Selenium	77-2	23	43	50	39	35.69	cps
Selenium	78-2	128	126	167	140	16.42	cps
Selenium	82-1	7397	7240	7275	7304	1.13	cps
Silicon	28-1	478687	480780	480806	480091	0.25	cps
Silver	109-1	1166932	1170095	1175750	1170926	0.38	cps
Silver	107-1	1230002	1227975	1219706	1225894	0.44	cps
Sodium	23-2	5009	5218	5301	5176	2.90	cps
Strontium	86-1	583	600	725	636	12.17	cps
Strontium	88-1	667	458	558	561	18.57	cps
Sulfur	34-1	303901	300949	300746	301865	0.58	cps
Terbium	159-1	6748640	6781548	6713128	6747772	0.51	cps
Terbium	159-2	1252918	1262911	1271993	1262607	0.76	cps
Thallium	203-1	43174	42472	44195	43280	2.00	cps
Thallium	205-1	102108	102513	101747	102123	0.38	cps
Tin	118-1	625	650	900	725	20.98	cps
Titanium	47-1	167	142	142	150	9.62	cps
Uranium	238-1	649609	651158	649364	650044	0.15	cps
Vanadium	51-2	270656	273846	270747	271750	0.67	cps
Yttrium	89-1	5482353	5527106	5461504	5490321	0.61	cps
Yttrium	89-2	153361	154054	155581	154332	0.74	cps
Zinc	66-2	24722	25354	24749	24942	1.43	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2241-02	Instrumnet Name :	P8
Client Sample ID :	1206	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:44:45	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1008	1017	792	939	13.59	cps
Zirconium	91-1	250	242	183	225	16.15	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2241-03	Instrumnet Name :	P8
Client Sample ID :	1232	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:48:07	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	42	28	45.82	cps
Antimony	121-1	1075	1217	1308	1200	9.80	cps
Arsenic	75-2	6	7	9	7	24.97	cps
Barium	135-1	567	725	683	658	12.47	cps
Barium	137-1	992	1067	925	995	7.13	cps
Beryllium	9-1	178	128	217	174	25.60	cps
Bismuth	209-1	4497551	4454311	4035004	4328955	5.90	cps
Bismuth	209-2	1083619	1087218	1085725	1085521	0.17	cps
Boron	10-1	5268	4576	4901	4915	7.04	cps
Boron	11-1	23871	23086	21600	22852	5.05	cps
Cadmium	111-1	694	719	713	709	1.87	cps
Cadmium	106-1	950	883	858	897	5.28	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	951044	950761	964999	955601	0.85	cps
Calcium	44-1	15740139	15639782	15887535	15755819	0.79	cps
Chromium	52-2	347	330	267	314	13.42	cps
Cobalt	59-2	23	50	50	41	37.46	cps
Copper	63-2	190	220	190	200	8.66	cps
Dysprosium	156-1	133	208	108	150	34.69	cps
Dysprosium	156-2	17	40	30	29	40.51	cps
Erbium	164-1	192	175	142	169	15.03	cps
Erbium	164-2	43	40	50	44	11.46	cps
Gadolinium	160-1	133	200	183	172	20.15	cps
Gadolinium	160-2	60	43	37	47	25.75	cps
Holmium	165-1	6588692	6520362	5966971	6358675	5.36	cps
Holmium	165-2	1323263	1334823	1329821	1329302	0.44	cps
Indium	115-1	5196683	5203926	4807186	5069265	4.48	cps
Indium	115-2	213348	214427	213520	213765	0.27	cps
Iron	56-2	2973	2912	2556	2813	8.00	cps
Iron	57-2	56	78	61	65	17.84	cps
Krypton	83-1	310	363	370	348	9.46	cps
Lead	206-1	978	945	1150	1024	10.77	cps
Lead	207-1	606	706	656	656	7.63	cps
Lead	208-1	3289	3222	3389	3300	2.54	cps
Lithium	6-1	907793	905253	838117	883721	4.47	cps
Magnesium	24-2	267745	270459	273804	270669	1.12	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2241-03	Instrumnet Name :	P8
Client Sample ID :	1232	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:48:07	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	120	157	131	16.93	cps
Molybdenum	94-1	683	842	950	825	16.26	cps
Molybdenum	95-1	750	850	1000	867	14.52	cps
Molybdenum	96-1	683	1083	1092	953	24.50	cps
Molybdenum	97-1	433	492	533	486	10.33	cps
Molybdenum	98-1	792	1342	1300	1145	26.76	cps
Neodymium	150-1	140	160	113	138	16.99	cps
Neodymium	150-2	27	20	20	22	17.33	cps
Nickel	60-2	573	683	680	646	9.69	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	319620	317184	318266	318357	0.38	cps
Rhodium	103-1	4838718	4779305	4421225	4679749	4.83	cps
Rhodium	103-2	1213661	1211516	1198926	1208034	0.66	cps
Scandium	45-1	2806549	2796097	2589182	2730609	4.49	cps
Scandium	45-2	19978	19994	20271	20081	0.82	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	9	0	3	173.21	cps
Selenium	82-1	83	-50	3	12	560.25	cps
Silicon	28-1	485648	489273	489382	488101	0.44	cps
Silver	109-1	158	158	175	164	5.87	cps
Silver	107-1	208	108	167	161	31.18	cps
Sodium	23-2	677698	678560	684177	680145	0.52	cps
Strontium	86-1	38447	37051	38096	37865	1.92	cps
Strontium	88-1	321223	320710	318466	320133	0.46	cps
Sulfur	34-1	314681	316734	316264	315893	0.34	cps
Terbium	159-1	6730959	6715029	6110692	6518894	5.42	cps
Terbium	159-2	1274759	1274743	1267807	1272436	0.32	cps
Thallium	203-1	475	500	533	503	5.82	cps
Thallium	205-1	1409	1258	1200	1289	8.34	cps
Tin	118-1	517	683	667	622	14.75	cps
Titanium	47-1	350	350	267	322	14.93	cps
Uranium	238-1	1559	1375	1567	1500	7.22	cps
Vanadium	51-2	47	43	23	38	33.41	cps
Yttrium	89-1	5548224	5470074	4987019	5335106	5.70	cps
Yttrium	89-2	155773	156208	156319	156100	0.18	cps
Zinc	66-2	43	30	27	33	26.45	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2241-03	Instrumnet Name :	P8
Client Sample ID :	1232	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:48:07	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1092	1225	992	1103	10.62	cps
Zirconium	91-1	242	292	200	244	18.78	cps

LB Number : LB94756 Operator : Jaswal
 Lab Sample ID : J2353-09DLX5 Instrumnet Name : P8
 Client Sample ID : LF028MW018-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-19 17:51:31 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1425	1367	1383	1392	2.16	cps
Antimony	121-1	1333	1709	2125	1722	23.00	cps
Arsenic	75-2	52	59	80	64	22.63	cps
Barium	135-1	32424	30920	31772	31706	2.38	cps
Barium	137-1	56798	55617	55518	55978	1.27	cps
Beryllium	9-1	194	178	167	180	7.78	cps
Bismuth	209-1	4450618	4456758	4506077	4471151	0.68	cps
Bismuth	209-2	1045498	1073625	1078375	1065833	1.67	cps
Boron	10-1	2259	2025	2092	2125	5.66	cps
Boron	11-1	9587	9604	9553	9581	0.27	cps
Cadmium	111-1	841	658	812	770	12.79	cps
Cadmium	106-1	992	767	1017	925	14.89	cps
Cadmium	108-1	4	29	29	21	69.27	cps
Calcium	43-1	217300	214547	215749	215865	0.64	cps
Calcium	44-1	3607739	3602034	3582609	3597461	0.37	cps
Chromium	52-2	80708	78837	79614	79720	1.18	cps
Cobalt	59-2	1013	1007	1037	1019	1.55	cps
Copper	63-2	9213	8923	9093	9076	1.61	cps
Dysprosium	156-1	767	750	792	770	2.73	cps
Dysprosium	156-2	160	150	173	161	7.27	cps
Erbium	164-1	575	658	558	597	8.97	cps
Erbium	164-2	117	103	113	111	6.24	cps
Gadolinium	160-1	583	733	750	689	13.32	cps
Gadolinium	160-2	193	197	193	194	0.99	cps
Holmium	165-1	6503576	6518048	6575160	6532261	0.58	cps
Holmium	165-2	1277449	1303576	1305908	1295644	1.22	cps
Indium	115-1	5215675	5211282	5260756	5229237	0.52	cps
Indium	115-2	202857	206479	207200	205512	1.13	cps
Iron	56-2	211046	210130	208563	209913	0.60	cps
Iron	57-2	5262	5512	5412	5396	2.33	cps
Krypton	83-1	373	393	433	400	7.64	cps
Lead	206-1	6446	6041	6252	6246	3.25	cps
Lead	207-1	5268	5340	5034	5214	3.06	cps
Lead	208-1	25405	24505	24104	24671	2.70	cps
Lithium	6-1	922995	916455	914534	917995	0.48	cps
Magnesium	24-2	12848	13640	13073	13187	3.10	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2353-09DLX5	Instrumnet Name :	P8
Client Sample ID :	LF028MW018-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-19 17:51:31	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1680	1633	1673	1662	1.52	cps
Molybdenum	94-1	1508	1692	1767	1656	8.03	cps
Molybdenum	95-1	1859	2259	1817	1978	12.33	cps
Molybdenum	96-1	2067	2384	2184	2211	7.24	cps
Molybdenum	97-1	1292	1225	1483	1333	10.06	cps
Molybdenum	98-1	3034	3234	3251	3173	3.80	cps
Neodymium	150-1	1040	1153	973	1056	8.62	cps
Neodymium	150-2	137	103	160	133	21.36	cps
Nickel	60-2	4694	4251	4401	4449	5.07	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	6794	6777	6944	6838	1.34	cps
Rhodium	103-1	4849693	4793794	4842264	4828583	0.63	cps
Rhodium	103-2	1150524	1185597	1186604	1174242	1.75	cps
Scandium	45-1	2740523	2737217	2750635	2742792	0.25	cps
Scandium	45-2	18209	18773	18259	18413	1.70	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-23	-58	-53	-44	-42.62	cps
Silicon	28-1	3670653	3637359	3625297	3644436	0.64	cps
Silver	109-1	942	1242	1442	1208	20.83	cps
Silver	107-1	942	1292	1325	1186	17.90	cps
Sodium	23-2	14007	14425	13857	14096	2.09	cps
Strontium	86-1	71689	71345	70952	71329	0.52	cps
Strontium	88-1	613314	625425	618644	619128	0.98	cps
Sulfur	34-1	335145	328786	327002	330311	1.30	cps
Terbium	159-1	6641069	6750648	6696194	6695970	0.82	cps
Terbium	159-2	1204311	1250018	1235553	1229961	1.90	cps
Thallium	203-1	1142	1158	1117	1139	1.84	cps
Thallium	205-1	2617	2625	2850	2698	4.91	cps
Tin	118-1	2109	2092	2300	2167	5.34	cps
Titanium	47-1	2892	2642	2684	2739	4.89	cps
Uranium	238-1	6627	6277	6519	6474	2.77	cps
Vanadium	51-2	577	660	680	639	8.58	cps
Yttrium	89-1	5437048	5464632	5430122	5443934	0.34	cps
Yttrium	89-2	146830	149955	149315	148700	1.11	cps
Zinc	66-2	3831	3977	4001	3936	2.34	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	J2353-09DLX5	Instrumnet Name :	P8
Client Sample ID :	LF028MW018-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-19 17:51:31	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1467	1317	1408	1397	5.41	cps
Zirconium	91-1	375	350	342	356	4.88	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:54:54	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	187549	188828	188492	188290	0.35	cps
Antimony	121-1	3405113	3413543	3414558	3411071	0.15	cps
Arsenic	75-2	35241	35056	35154	35150	0.26	cps
Barium	135-1	3703577	3685422	3682575	3690525	0.31	cps
Barium	137-1	6267494	6376940	6355248	6333227	0.92	cps
Beryllium	9-1	397998	398612	398621	398410	0.09	cps
Bismuth	209-1	4351503	4338214	4310081	4333266	0.49	cps
Bismuth	209-2	1004404	1048770	1037530	1030235	2.24	cps
Boron	10-1	45088	45222	46576	45629	1.80	cps
Boron	11-1	210547	212121	216756	213141	1.51	cps
Cadmium	111-1	697439	697338	698237	697671	0.07	cps
Cadmium	106-1	74314	74280	72905	73833	1.09	cps
Cadmium	108-1	50950	50122	49432	50168	1.51	cps
Calcium	43-1	3274730	3304143	3251426	3276766	0.81	cps
Calcium	44-1	53395312	53207547	53916524	53506461	0.69	cps
Chromium	52-2	256308	257871	256138	256772	0.37	cps
Cobalt	59-2	544581	544411	544239	544410	0.03	cps
Copper	63-2	922101	923467	924453	923340	0.13	cps
Dysprosium	156-1	75	100	108	94	18.37	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	42	58	42	47	20.38	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	142	50	42	78	71.34	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	6465651	6604517	6531865	6534011	1.06	cps
Holmium	165-2	1281764	1336096	1326007	1314622	2.20	cps
Indium	115-1	5037606	5045994	5041103	5041568	0.08	cps
Indium	115-2	194654	203661	202229	200181	2.42	cps
Iron	56-2	41509641	41488483	41422466	41473530	0.11	cps
Iron	57-2	1051109	1047578	1052542	1050410	0.24	cps
Krypton	83-1	407	440	387	411	6.55	cps
Lead	206-1	2254702	2229368	2254254	2246108	0.65	cps
Lead	207-1	2055715	2097715	2064465	2072632	1.07	cps
Lead	208-1	9222490	9263367	9241726	9242528	0.22	cps
Lithium	6-1	867649	880155	877842	875215	0.76	cps
Magnesium	24-2	4193114	4193263	4166892	4184423	0.36	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:54:54	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	141455	142693	142804	142317	0.53	cps
Molybdenum	94-1	5613061	5571017	5583851	5589310	0.39	cps
Molybdenum	95-1	6822762	6835346	6851931	6836680	0.21	cps
Molybdenum	96-1	7536937	7627426	7655878	7606747	0.82	cps
Molybdenum	97-1	4285107	4227060	4276732	4262966	0.74	cps
Molybdenum	98-1	10905027	10942061	11031175	10959421	0.59	cps
Neodymium	150-1	180	140	220	180	22.22	cps
Neodymium	150-2	10	17	17	14	26.66	cps
Nickel	60-2	160641	161092	160776	160836	0.14	cps
Phosphorus	31-2	2342	2767	2642	2584	8.46	cps
Potassium	39-2	1189168	1193603	1194643	1192471	0.24	cps
Rhodium	103-1	4590113	4601383	4589110	4593536	0.15	cps
Rhodium	103-2	1100094	1140688	1139074	1126619	2.04	cps
Scandium	45-1	2742341	2716679	2722568	2727196	0.49	cps
Scandium	45-2	18469	19744	19353	19189	3.40	cps
Selenium	77-2	243	213	210	222	8.26	cps
Selenium	78-2	754	791	843	796	5.61	cps
Selenium	82-1	45031	45072	45452	45185	0.51	cps
Silicon	28-1	1538798	1543422	1555687	1545969	0.56	cps
Silver	109-1	3283008	3272793	3259908	3271903	0.35	cps
Silver	107-1	3433137	3391496	3425605	3416746	0.65	cps
Sodium	23-2	9522628	9540615	9506632	9523292	0.18	cps
Strontium	86-1	901549	916782	909303	909211	0.84	cps
Strontium	88-1	7867909	7984579	7838497	7896995	0.98	cps
Sulfur	34-1	494187	490896	494622	493235	0.41	cps
Terbium	159-1	6673081	6718820	6698991	6696964	0.34	cps
Terbium	159-2	1211543	1268486	1255056	1245028	2.39	cps
Thallium	203-1	2742653	2784438	2773690	2766927	0.78	cps
Thallium	205-1	6502221	6570147	6557744	6543371	0.55	cps
Tin	118-1	2280605	2331431	2299548	2303861	1.11	cps
Titanium	47-1	1673383	1665372	1667680	1668812	0.25	cps
Uranium	238-1	9108646	9163888	9117260	9129931	0.33	cps
Vanadium	51-2	188827	190103	190936	189955	0.56	cps
Yttrium	89-1	5440746	5413814	5433169	5429243	0.26	cps
Yttrium	89-2	146173	154078	152254	150835	2.74	cps
Zinc	66-2	87960	87104	87269	87444	0.52	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4712438	4711157	4751854	4725150	0.49	cps
Zirconium	91-1	1045528	1043035	1052743	1047102	0.48	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	0	22	94.38	cps
Antimony	121-1	10279	11647	12473	11467	9.66	cps
Arsenic	75-2	13	20	31	22	43.15	cps
Barium	135-1	150	108	117	125	17.64	cps
Barium	137-1	208	233	183	208	12.00	cps
Beryllium	9-1	450	406	356	404	11.70	cps
Bismuth	209-1	4560884	4546360	4534947	4547397	0.29	cps
Bismuth	209-2	1088276	1094232	1088378	1090295	0.31	cps
Boron	10-1	1917	1759	1675	1784	6.88	cps
Boron	11-1	9153	8520	7477	8383	10.09	cps
Cadmium	111-1	808	746	765	773	4.09	cps
Cadmium	106-1	1042	950	1008	1000	4.64	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	725	775	808	770	5.45	cps
Calcium	44-1	11263	10930	10905	11033	1.81	cps
Chromium	52-2	247	283	207	246	15.62	cps
Cobalt	59-2	37	47	43	42	12.06	cps
Copper	63-2	193	180	207	193	6.90	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	25	58	33	66.14	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	50	8	75	44	75.78	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	6537420	6559269	6527598	6541429	0.25	cps
Holmium	165-2	1314304	1325080	1308663	1316016	0.63	cps
Indium	115-1	5288550	5277164	5317855	5294523	0.40	cps
Indium	115-2	212371	212256	210605	211744	0.47	cps
Iron	56-2	3895	3884	3489	3756	6.15	cps
Iron	57-2	89	111	89	96	13.33	cps
Krypton	83-1	380	323	393	366	10.17	cps
Lead	206-1	650	683	972	769	23.06	cps
Lead	207-1	622	872	711	735	17.24	cps
Lead	208-1	2906	3178	3234	3106	5.65	cps
Lithium	6-1	918178	926761	917019	920653	0.58	cps
Magnesium	24-2	658	542	667	622	11.23	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:58:09	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	20	30	19	61.96	cps
Molybdenum	94-1	2717	2700	3359	2925	12.83	cps
Molybdenum	95-1	4168	4693	5101	4654	10.06	cps
Molybdenum	96-1	4076	5085	5902	5021	18.22	cps
Molybdenum	97-1	2542	2942	3651	3045	18.44	cps
Molybdenum	98-1	5885	7536	8578	7333	18.52	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	680	753	657	697	7.24	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1992	2067	2067	2042	2.12	cps
Rhodium	103-1	4955971	4838190	4907164	4900442	1.21	cps
Rhodium	103-2	1205763	1216966	1209736	1210822	0.47	cps
Scandium	45-1	2776782	2747389	2779340	2767837	0.64	cps
Scandium	45-2	19046	19167	18846	19020	0.85	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	6	9	6	45.85	cps
Selenium	82-1	-23	79	14	23	222.00	cps
Silicon	28-1	349291	340693	339355	343113	1.57	cps
Silver	109-1	442	350	333	375	15.56	cps
Silver	107-1	400	392	333	375	9.69	cps
Sodium	23-2	6210	5860	6235	6102	3.44	cps
Strontium	86-1	625	575	600	600	4.17	cps
Strontium	88-1	333	408	333	358	12.09	cps
Sulfur	34-1	303974	298533	301536	301347	0.90	cps
Terbium	159-1	6756804	6725052	6691463	6724440	0.49	cps
Terbium	159-2	1251286	1266374	1253986	1257215	0.64	cps
Thallium	203-1	1225	975	842	1014	19.19	cps
Thallium	205-1	2875	2392	2317	2528	11.99	cps
Tin	118-1	2134	2034	2125	2097	2.65	cps
Titanium	47-1	167	225	258	217	21.42	cps
Uranium	238-1	475	458	558	497	10.78	cps
Vanadium	51-2	7	17	13	12	41.65	cps
Yttrium	89-1	5523317	5420750	5476709	5473592	0.94	cps
Yttrium	89-2	152390	155898	153468	153919	1.17	cps
Zinc	66-2	13	30	33	26	41.94	cps

LB Number :	LB94756	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2018-04-19 17:58:09	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1067	1250	1425	1247	14.37	cps
Zirconium	91-1	333	392	275	333	17.50	cps