

LB90039

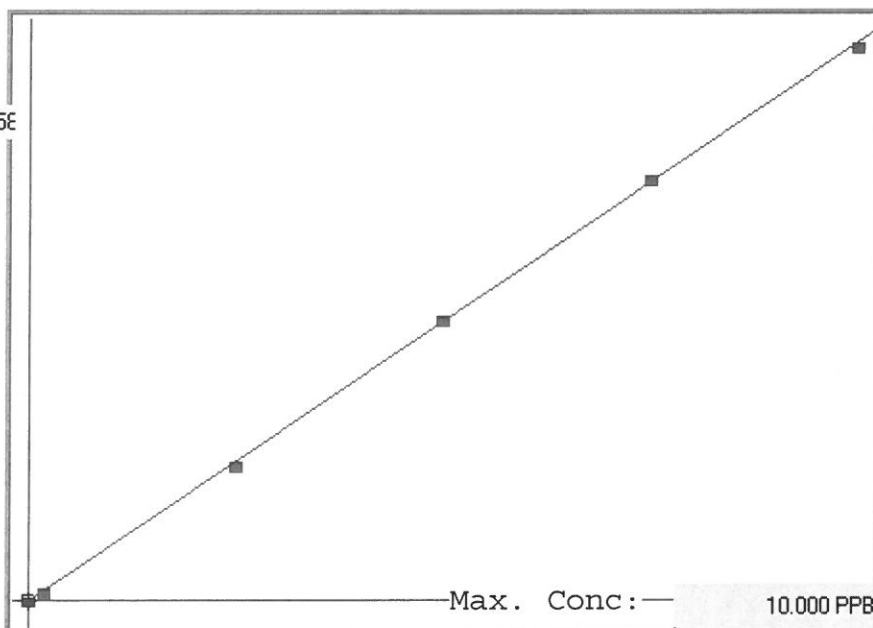
7470A

INSTRUMENT ID: CV1

Linear

 $\mu$  Abs.:

35858



A= 0.0000e+000

B= 2.7664e-004

C= 2.1332e-002

Rho= 0.9999259

Accept=Accepted

| Std ID | Conc.  | Calc. | Dev.   | Mean  | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|--------|--------|-------|--------|-------|------------|-------|-------|-------|-------|-------|
| 0.0    | 0.000  | 0.014 | 0.014  | -27   | 0.000      | -27   |       |       |       |       |
| 0.2    | 0.200  | 0.177 | -0.023 | 564   | 0.0 %      | 564   |       |       |       |       |
| 2.5    | 2.500  | 2.457 | -0.043 | 8806  | 0.0 %      | 8806  |       |       |       |       |
| 5.0    | 5.000  | 5.056 | 0.056  | 18198 | 0.0 %      | 18198 |       |       |       |       |
| 7.5    | 7.500  | 7.555 | 0.055  | 27233 | 0.0 %      | 27233 |       |       |       |       |
| 10.0   | 10.000 | 9.941 | -0.059 | 35858 | 0.0 %      | 35858 |       |       |       |       |

# LB90039 INSTRUMENT ID : CV1

| Method: 7470A   |                       | Operator: Admin |         | Date of Analysis: 13 Sep 2017 09:24:14 |       |                      |        |
|-----------------|-----------------------|-----------------|---------|----------------------------------------|-------|----------------------|--------|
| Sample ID       | Extended ID           | µ Abs.          | Conc.   | Std CondMethod                         | Units | Date                 | Type   |
| 0.0 - 1         | S0                    | -27             | -       | 0.00007470A                            | PPB   | 13 Sep 2017 09:35:20 | S Std  |
| 0.2 - 1         | S0.2                  | 564             | -       | 0.20007470A                            | PPB   | 13 Sep 2017 09:37:29 | S Std  |
| 2.5 - 1         | S2.5                  | 8806            | -       | 2.50007470A                            | PPB   | 13 Sep 2017 09:39:38 | S Std  |
| 5.0 - 1         | S5                    | 18198           | -       | 5.00007470A                            | PPB   | 13 Sep 2017 09:41:46 | S Std  |
| 7.5 - 1         | S7.5                  | 27233           | -       | 7.50007470A                            | PPB   | 13 Sep 2017 09:46:36 | S Std  |
| 10.0 - 1        | S10                   | 35858           | -       | 10.00007470A                           | PPB   | 13 Sep 2017 09:48:43 | S Std  |
| ICV54 - 1       | ICV54                 | 13671           | 3.8032  | -7470A                                 | PPB   | 13 Sep 2017 09:51:21 | U SMPL |
| ICB54 - 1       | ICB54                 | -232            | -0.0428 | -7470A                                 | PPB   | 13 Sep 2017 09:53:28 | U SMPL |
| CCV11 - 1       | CCV11                 | 18052           | 5.0152  | -7470A                                 | PPB   | 13 Sep 2017 09:55:35 | U SMPL |
| CCB11 - 1       | CCB11                 | -166            | -0.0246 | -7470A                                 | PPB   | 13 Sep 2017 09:57:42 | U SMPL |
| CRA - 1         | CRA                   | 548             | 0.1729  | -7470A                                 | PPB   | 13 Sep 2017 09:59:48 | U SMPL |
| HighStd - 1     | HighStd               | 35288           | 9.7832  | -7470A                                 | PPB   | 13 Sep 2017 10:01:55 | U SMPL |
| ChkStd - 1      | ChkStd                | 24331           | 6.7521  | -7470A                                 | PPB   | 13 Sep 2017 10:04:02 | U SMPL |
| PB102257BL - 1  | PBW                   | -291            | -0.0592 | -7470A                                 | PPB   | 13 Sep 2017 10:06:11 | U SMPL |
| PB102257BS - 1  | LCSW                  | 13683           | 3.8065  | -7470A                                 | PPB   | 13 Sep 2017 10:08:20 | U SMPL |
| I5123-10 - 1    | FB-01                 | -253            | -0.0487 | -7470A                                 | PPB   | 13 Sep 2017 10:10:28 | U SMPL |
| I5167-20 - 1    | I5167-24MS            | 13869           | 3.8580  | -7470A                                 | PPB   | 13 Sep 2017 10:12:36 | U SMPL |
| I5167-21 - 1    | I5167-24MSD           | 12781           | 3.5570  | -7470A                                 | PPB   | 13 Sep 2017 10:14:44 | U SMPL |
| I5167-22 - 1    | I5167-25MS            | 12919           | 3.5952  | -7470A                                 | PPB   | 13 Sep 2017 10:16:54 | U SMPL |
| I5167-23 - 1    | I5167-25MSD           | 12551           | 3.4934  | -7470A                                 | PPB   | 13 Sep 2017 10:19:01 | U SMPL |
| CCV12 - 1       | CCV12                 | 18207           | 5.0580  | -7470A                                 | PPB   | 13 Sep 2017 10:21:09 | U SMPL |
| CCB12 - 1       | CCB12                 | -173            | -0.0265 | -7470A                                 | PPB   | 13 Sep 2017 10:23:15 | U SMPL |
| I5167-24 - 1    | C19013061             | -143            | -0.0182 | -7470A                                 | PPB   | 13 Sep 2017 10:25:23 | U SMPL |
| I5167-24DUP - 1 | C19013061DUP          | -170            | -0.0257 | -7470A                                 | PPB   | 13 Sep 2017 10:27:29 | U SMPL |
| I5167-25 - 1    | C19013061             | -157            | -0.0221 | -7470A                                 | PPB   | 13 Sep 2017 10:29:36 | U SMPL |
| I5187-11 - 1    | 20170541-FIELDBLANK-1 | -233            | -0.0431 | -7470A                                 | PPB   | 13 Sep 2017 10:31:43 | U SMPL |
| I5187-12 - 1    | 20170542-FIELDBLANK-2 | -209            | -0.0365 | -7470A                                 | PPB   | 13 Sep 2017 10:33:50 | U SMPL |
| I5187-13 - 1    | 20170584-SITEWATER    | -157            | -0.0221 | -7470A                                 | PPB   | 13 Sep 2017 10:35:58 | U SMPL |
| I5187-14 - 1    | 20170585-SITEWATER    | -157            | -0.0221 | -7470A                                 | PPB   | 13 Sep 2017 10:38:06 | U SMPL |
| I5196-01 - 1    | CPS093061             | -246            | -0.0467 | -7470A                                 | PPB   | 13 Sep 2017 10:40:14 | U SMPL |
| I5196-02 - 1    | CPS093061             | -237            | -0.0442 | -7470A                                 | PPB   | 13 Sep 2017 10:42:23 | U SMPL |
| I5202-01 - 1    | A5972-OT              | -235            | -0.0437 | -7470A                                 | PPB   | 13 Sep 2017 10:44:29 | U SMPL |
| CCV13 - 1       | CCV13                 | 18485           | 5.1349  | -7470A                                 | PPB   | 13 Sep 2017 10:46:36 | U SMPL |
| CCB13 - 1       | CCB13                 | -164            | -0.0240 | -7470A                                 | PPB   | 13 Sep 2017 10:48:43 | U SMPL |
| PB102285BL - 1  | PBW                   | 34              | 0.0307  | -7470A                                 | PPB   | 13 Sep 2017 10:50:51 | U SMPL |
| PB102285BS - 1  | LCSW                  | 12913           | 3.5935  | -7470A                                 | PPB   | 13 Sep 2017 10:52:57 | U SMPL |
| PB102285TB - 1  | PB102141TB            | -82             | -0.0014 | -7470A                                 | PPB   | 13 Sep 2017 10:55:05 | U SMPL |
| I5159-12 - 1    | G-5-1                 | -9              | 0.0188  | -7470A                                 | PPB   | 13 Sep 2017 10:57:12 | U SMPL |
| I5159-13 - 1    | G-5-2                 | 6               | 0.0230  | -7470A                                 | PPB   | 13 Sep 2017 10:59:19 | U SMPL |
| I5159-14 - 1    | G-9A-2                | 187             | 0.0731  | -7470A                                 | PPB   | 13 Sep 2017 11:01:27 | U SMPL |
| I5159-15 - 1    | G-9A-1                | 33              | 0.0305  | -7470A                                 | PPB   | 13 Sep 2017 11:03:35 | U SMPL |
| I5159-16 - 1    | G-9-2                 | 49              | 0.0349  | -7470A                                 | PPB   | 13 Sep 2017 11:05:43 | U SMPL |
| I5159-17 - 1    | G-9-1                 | 56              | 0.0368  | -7470A                                 | PPB   | 13 Sep 2017 11:07:51 | U SMPL |
| I5159-18 - 1    | G-42-A2               | 8               | 0.0235  | -7470A                                 | PPB   | 13 Sep 2017 11:09:58 | U SMPL |
| CCV14 - 1       | CCV14                 | 18082           | 5.0235  | -7470A                                 | PPB   | 13 Sep 2017 11:12:05 | U SMPL |
| CCB14 - 1       | CCB14                 | -164            | -0.0240 | -7470A                                 | PPB   | 13 Sep 2017 11:14:12 | U SMPL |
| I5159-19 - 1    | G-42-A1               | 8               | 0.0235  | -7470A                                 | PPB   | 13 Sep 2017 11:16:20 | U SMPL |
| I5159-20 - 1    | G-41-A1-0-2.5         | 21              | 0.0271  | -7470A                                 | PPB   | 13 Sep 2017 11:18:27 | U SMPL |
| I5159-21 - 1    | G-41-A1-2.5-5         | 37              | 0.0316  | -7470A                                 | PPB   | 13 Sep 2017 11:20:35 | U SMPL |
| I5159-22 - 1    | G-41-A2               | 57              | 0.0371  | -7470A                                 | PPB   | 13 Sep 2017 11:22:42 | U SMPL |
| I5159-22DUP - 1 | G-41-A2DUP            | 80              | 0.0435  | -7470A                                 | PPB   | 13 Sep 2017 11:24:49 | U SMPL |
| I5159-22MS - 1  | G-41-A2MS             | 13234           | 3.6823  | -7470A                                 | PPB   | 13 Sep 2017 11:26:56 | U SMPL |
| I5159-22MSD - 1 | G-41-A2MSD            | 13091           | 3.6428  | -7470A                                 | PPB   | 13 Sep 2017 11:29:04 | U SMPL |
| I5182-09 - 1    | G-3                   | -78             | -0.0002 | -7470A                                 | PPB   | 13 Sep 2017 11:31:12 | U SMPL |
| I5182-10 - 1    | G-2                   | 86              | 0.0451  | -7470A                                 | PPB   | 13 Sep 2017 11:33:21 | U SMPL |
| I5182-11 - 1    | G-1                   | 106             | 0.0507  | -7470A                                 | PPB   | 13 Sep 2017 11:35:28 | U SMPL |
| CCV15 - 1       | CCV15                 | 17828           | 4.9532  | -7470A                                 | PPB   | 13 Sep 2017 11:37:35 | U SMPL |
| CCB15 - 1       | CCB15                 | -155            | -0.0215 | -7470A                                 | PPB   | 13 Sep 2017 11:39:42 | U SMPL |
| I5182-12 - 1    | G-19                  | 104             | 0.0501  | -7470A                                 | PPB   | 13 Sep 2017 11:41:50 | U SMPL |
| PB102288BL - 1  | PBW                   | 90              | 0.0462  | -7470A                                 | PPB   | 13 Sep 2017 11:43:57 | U SMPL |
| PB102288BS - 1  | LCSW                  | 13100           | 3.6453  | -7470A                                 | PPB   | 13 Sep 2017 11:46:05 | U SMPL |
| PB102288TB - 1  | PB102242TB            | 3               | 0.0222  | -7470A                                 | PPB   | 13 Sep 2017 11:48:12 | U SMPL |
| I5160-12 - 1    | G-6-2                 | 113             | 0.0526  | -7470A                                 | PPB   | 13 Sep 2017 11:50:19 | U SMPL |
| I5160-13 - 1    | G-6-1                 | 157             | 0.0648  | -7470A                                 | PPB   | 13 Sep 2017 11:52:27 | U SMPL |
| I5160-14 - 1    | G-8-3                 | 36              | 0.0313  | -7470A                                 | PPB   | 13 Sep 2017 11:54:35 | U SMPL |
| I5160-15 - 1    | G-7-1                 | -1              | 0.0211  | -7470A                                 | PPB   | 13 Sep 2017 11:56:44 | U SMPL |
| I5160-16 - 1    | G-7-2                 | -41             | 0.0100  | -7470A                                 | PPB   | 13 Sep 2017 11:58:52 | U SMPL |
| I5160-17 - 1    | G-8-2                 | -58             | 0.0053  | -7470A                                 | PPB   | 13 Sep 2017 12:01:00 | U SMPL |
| CCV16 - 1       | CCV16                 | 18006           | 5.0024  | -7470A                                 | PPB   | 13 Sep 2017 12:03:07 | U SMPL |
| CCB16 - 1       | CCB16                 | -168            | -0.0251 | -7470A                                 | PPB   | 13 Sep 2017 12:05:15 | U SMPL |
| I5160-18 - 1    | G-8-1                 | 125             | 0.0559  | -7470A                                 | PPB   | 13 Sep 2017 12:07:22 | U SMPL |
| I5160-19 - 1    | G-8A-1                | 103             | 0.0498  | -7470A                                 | PPB   | 13 Sep 2017 12:09:30 | U SMPL |
| I5160-20 - 1    | G-8B-2                | 82              | 0.0440  | -7470A                                 | PPB   | 13 Sep 2017 12:11:37 | U SMPL |
| I5160-21 - 1    | G-8A-2                | 124             | 0.0556  | -7470A                                 | PPB   | 13 Sep 2017 12:13:45 | U SMPL |
| I5160-22 - 1    | G-4                   | 122             | 0.0551  | -7470A                                 | PPB   | 13 Sep 2017 12:15:52 | U SMPL |
| I5201-03 - 1    | SU-03-091117          | 146             | 0.0617  | -7470A                                 | PPB   | 13 Sep 2017 12:18:00 | U SMPL |
| I5202-02 - 1    | A5972-OT              | 330             | 0.1126  | -7470A                                 | PPB   | 13 Sep 2017 12:20:08 | U SMPL |
| I5203-02 - 1    | A4129                 | 337             | 0.1146  | -7470A                                 | PPB   | 13 Sep 2017 12:22:16 | U SMPL |
| I5208-03 - 1    | CL-02-091117-A        | 281             | 0.0991  | -7470A                                 | PPB   | 13 Sep 2017 12:24:25 | U SMPL |
| I5208-06 - 1    | CL-02-091117-B        | 300             | 0.1043  | -7470A                                 | PPB   | 13 Sep 2017 12:26:33 | U SMPL |
| CCV17 - 1       | CCV17                 | 18092           | 5.0262  | -7470A                                 | PPB   | 13 Sep 2017 12:28:40 | U SMPL |

## LB90039 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 13 Sep 2017 09:24:14

| Sample ID       | Extended ID    | $\mu$ Abs. | Conc.  | Std Cond | Method | Units | Date                 | Type | Type |
|-----------------|----------------|------------|--------|----------|--------|-------|----------------------|------|------|
| CCB17 - 1       | CCB17          | 6          | 0.0230 | -7470A   | PPB    |       | 13 Sep 2017 12:30:48 | U    | SMPL |
| I5208-09 - 1    | CL-02-091117-C | 267        | 0.0952 | -7470A   | PPB    |       | 13 Sep 2017 12:32:56 | U    | SMPL |
| I5208-12 - 1    | CL-02-091117-D | 280        | 0.0988 | -7470A   | PPB    |       | 13 Sep 2017 12:35:03 | U    | SMPL |
| I5208-15 - 1    | CL-02-091117-E | 244        | 0.0888 | -7470A   | PPB    |       | 13 Sep 2017 12:37:11 | U    | SMPL |
| I5209-03 - 1    | OR-03-91117    | 265        | 0.0946 | -7470A   | PPB    |       | 13 Sep 2017 12:39:18 | U    | SMPL |
| I5209-03DUP - 1 | OR-03-91117DUP | 279        | 0.0985 | -7470A   | PPB    |       | 13 Sep 2017 12:41:26 | U    | SMPL |
| I5209-03MS - 1  | OR-03-91117MS  | 13502      | 3.7565 | -7470A   | PPB    |       | 13 Sep 2017 12:43:34 | U    | SMPL |
| I5209-03MSD - 1 | OR-03-91117MSD | 13536      | 3.7659 | -7470A   | PPB    |       | 13 Sep 2017 12:45:42 | U    | SMPL |
| CCV18 - 1       | CCV18          | 18133      | 5.0376 | -7470A   | PPB    |       | 13 Sep 2017 12:47:50 | U    | SMPL |
| CCB18 - 1       | CCB18          | 4          | 0.0224 | -7470A   | PPB    |       | 13 Sep 2017 12:49:59 | U    | SMPL |
| I5167-24LX5 - 1 |                | 91         | 0.0465 | -7470A   | PPB    |       | 13 Sep 2017 12:52:06 | U    | SMPL |
| I5167-24A - 1   |                | 14196      | 3.9484 | -7470A   | PPB    |       | 13 Sep 2017 12:54:14 | U    | SMPL |
| I5159-22LX5 - 1 |                | 2          | 0.0219 | -7470A   | PPB    |       | 13 Sep 2017 12:56:22 | U    | SMPL |
| I5159-22A - 1   |                | 16893      | 4.6945 | -7470A   | PPB    |       | 13 Sep 2017 12:58:30 | U    | SMPL |
| I5209-03LX5 - 1 |                | 21         | 0.0271 | -7470A   | PPB    |       | 13 Sep 2017 13:00:38 | U    | SMPL |
| I5209-03A - 1   |                | 13856      | 3.8544 | -7470A   | PPB    |       | 13 Sep 2017 13:02:46 | U    | SMPL |
| CCV19 - 1       | CCV19          | 18039      | 5.0116 | -7470A   | PPB    |       | 13 Sep 2017 13:04:53 | U    | SMPL |
| CCB19 - 1       | CCB19          | -13        | 0.0177 | -7470A   | PPB    |       | 13 Sep 2017 13:07:01 | U    | SMPL |