

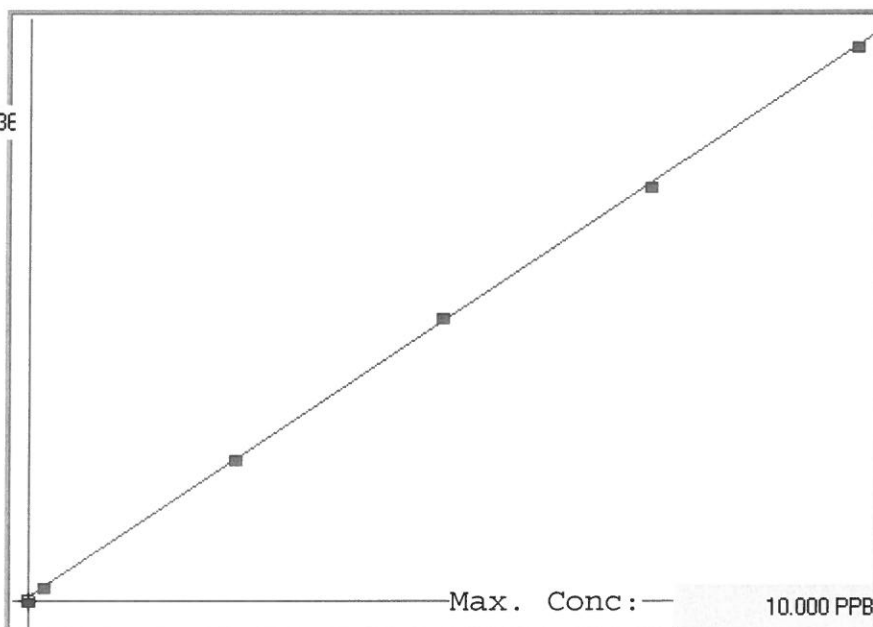
ISM02.4

LB 88430  
INSTRUMENT ID: CV4

Linear

 $\mu$  Abs.:

47836



A= 0.0000e+000

B= 2.0991e-004

C= -6.2900e-002

Rho= 0.9999374

Accept=Accepted

slope  
Y-intercept

| Std ID | Conc.  | Calc.  | Dev.   | Mean  | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | %OD |
|--------|--------|--------|--------|-------|------------|-------|-------|-------|-------|-------|-----|
| 0.00   | 0.000  | -0.038 | -0.038 | 121   | 0.000      | 121   |       |       |       |       | -   |
| 0.2    | 0.200  | 0.189  | -0.011 | 1200  | 0.0 %      | 1200  |       |       |       |       | -6  |
| 2.5    | 2.500  | 2.523  | 0.023  | 12319 | 0.0 %      | 12319 |       |       |       |       | 1   |
| 5.0    | 5.000  | 5.081  | 0.081  | 24506 | 0.0 %      | 24506 |       |       |       |       | 2   |
| 7.5    | 7.500  | 7.466  | -0.034 | 35870 | 0.0 %      | 35870 |       |       |       |       | 0   |
| 10.0   | 10.000 | 9.978  | -0.022 | 47836 | 0.0 %      | 47836 |       |       |       |       | 0   |

163  
6/29/13

LB88430  
INSTRUMENT ID : CV1

| Sample ID  | Extended ID | $\mu$ Abs. | Conc.   | Std Conc | Method      | Units | Date            | Type |
|------------|-------------|------------|---------|----------|-------------|-------|-----------------|------|
|            | 0 S0        | 121        | -       |          | 0 ISM02.4   | PPB   | 6/29/2017 14:23 | Std  |
|            | 0.2 S0.2    | 1200       | -       |          | 0.2 ISM02.4 | PPB   | 6/29/2017 14:25 | Std  |
|            | 2.5 S2.5    | 12319      | -       |          | 2.5 ISM02.4 | PPB   | 6/29/2017 14:28 | Std  |
|            | 5 S5        | 24506      | -       |          | 5 ISM02.4   | PPB   | 6/29/2017 14:30 | Std  |
|            | 7.5 S7.5    | 35870      | -       |          | 7.5 ISM02.4 | PPB   | 6/29/2017 14:32 | Std  |
|            | 10 S10      | 47836      | -       |          | 10 ISM02.4  | PPB   | 6/29/2017 14:35 | Std  |
| ICV        | ICV         | 18605      | 3.8424  | -        | ISM02.4     | PPB   | 6/29/2017 14:37 | SMPL |
| ICB        | ICB         | 58         | -0.0507 | -        | ISM02.4     | PPB   | 6/29/2017 14:40 | SMPL |
| CCV001     | CCV001      | 24486      | 5.0768  | -        | ISM02.4     | PPB   | 6/29/2017 14:42 | SMPL |
| CCB001     | CCB001      | 50         | -0.0524 | -        | ISM02.4     | PPB   | 6/29/2017 14:44 | SMPL |
| PB100253BL | PBW003      | -4         | -0.0637 | -        | ISM02.4     | PPB   | 6/29/2017 14:47 | SMPL |
| I3669-01   | MDADZ3      | -52        | -0.0738 | -        | ISM02.4     | PPB   | 6/29/2017 14:49 | SMPL |
| I3669-02   | MDADZ4      | -42        | -0.0717 | -        | ISM02.4     | PPB   | 6/29/2017 14:51 | SMPL |
| I3669-03   | MDADZ4D     | -44        | -0.0721 | -        | ISM02.4     | PPB   | 6/29/2017 14:53 | SMPL |
| I3669-04   | MDADZ4S     | 5022       | 0.9912  | -        | ISM02.4     | PPB   | 6/29/2017 14:56 | SMPL |
| I3669-05   | MDADZ5      | -48        | -0.073  | -        | ISM02.4     | PPB   | 6/29/2017 14:58 | SMPL |
| I3669-06   | MDADZ6      | -31        | -0.0694 | -        | ISM02.4     | PPB   | 6/29/2017 15:00 | SMPL |
| I3669-07   | MDADZ7      | -39        | -0.0711 | -        | ISM02.4     | PPB   | 6/29/2017 15:02 | SMPL |
| I3669-08   | MDAE07      | -37        | -0.0707 | -        | ISM02.4     | PPB   | 6/29/2017 15:05 | SMPL |
| I3669-09   | MDAE54      | -46        | -0.0726 | -        | ISM02.4     | PPB   | 6/29/2017 15:07 | SMPL |
| I3669-12   | MDADY6      | 19168      | 3.9606  | -        | ISM02.4     | PPB   | 6/29/2017 15:09 | SMPL |
| PB100254BL | PBW003      | -84        | -0.0805 | -        | ISM02.4     | PPB   | 6/29/2017 15:14 | SMPL |
| I3675-11   | MBDCB3      | 232        | -0.0142 | -        | ISM02.4     | PPB   | 6/29/2017 15:16 | SMPL |
| I3675-12   | MBDCC2      | -79        | -0.0795 | -        | ISM02.4     | PPB   | 6/29/2017 15:18 | SMPL |
| I3675-13   | MBDCB3D     | 7          | -0.0614 | -        | ISM02.4     | PPB   | 6/29/2017 15:21 | SMPL |
| I3675-14   | MBDCB3S     | 4783       | 0.9411  | -        | ISM02.4     | PPB   | 6/29/2017 15:23 | SMPL |
| I3755-01   | MCOAD1      | -97        | -0.0833 | -        | ISM02.4     | PPB   | 6/29/2017 15:25 | SMPL |
| I3755-15   | MCOAE5      | -66        | -0.0768 | -        | ISM02.4     | PPB   | 6/29/2017 15:28 | SMPL |
| PB100255BL | PBW003      | 5          | -0.0619 | -        | ISM02.4     | PPB   | 6/29/2017 15:30 | SMPL |
| CCV002     | CCV002      | 24700      | 5.1218  | -        | ISM02.4     | PPB   | 6/29/2017 15:32 | SMPL |
| CCB002     | CCB002      | 75         | -0.0472 | -        | ISM02.4     | PPB   | 6/29/2017 15:34 | SMPL |
| I3771-01   | MA4X73      | 2          | -0.0625 | -        | ISM02.4     | PPB   | 6/29/2017 15:37 | SMPL |
| I3771-02   | MA4X74      | -61        | -0.0757 | -        | ISM02.4     | PPB   | 6/29/2017 15:39 | SMPL |
| I3771-03   | MA4X75      | -26        | -0.0684 | -        | ISM02.4     | PPB   | 6/29/2017 15:41 | SMPL |
| I3771-04   | MA4X76      | -29        | -0.069  | -        | ISM02.4     | PPB   | 6/29/2017 15:43 | SMPL |
| I3771-05   | MA4X77      | -53        | -0.074  | -        | ISM02.4     | PPB   | 6/29/2017 15:46 | SMPL |
| I3771-06   | MA4X78      | -61        | -0.0757 | -        | ISM02.4     | PPB   | 6/29/2017 15:48 | SMPL |
| I3771-07   | MA4X78D     | -64        | -0.0763 | -        | ISM02.4     | PPB   | 6/29/2017 15:50 | SMPL |
| I3771-08   | MA4X78S     | 4473       | 0.876   | -        | ISM02.4     | PPB   | 6/29/2017 15:53 | SMPL |
| PB100256BL | PBW003      | -68        | -0.0772 | -        | ISM02.4     | PPB   | 6/29/2017 15:55 | SMPL |
| I3773-01   | MA4X79      | -43        | -0.0719 | -        | ISM02.4     | PPB   | 6/29/2017 15:57 | SMPL |
| I3773-02   | MA4X79D     | -66        | -0.0768 | -        | ISM02.4     | PPB   | 6/29/2017 15:59 | SMPL |
| I3773-03   | MA4X79S     | 4914       | 0.9686  | -        | ISM02.4     | PPB   | 6/29/2017 16:02 | SMPL |
| I3773-04   | MA4X80      | -69        | -0.0774 | -        | ISM02.4     | PPB   | 6/29/2017 16:04 | SMPL |
| I3773-05   | MA4X85      | -51        | -0.0736 | -        | ISM02.4     | PPB   | 6/29/2017 16:06 | SMPL |
| I3773-06   | MA4X86      | -58        | -0.0751 | -        | ISM02.4     | PPB   | 6/29/2017 16:09 | SMPL |

## INSTRUMENT ID : CV1

|            |         |       |           |         |     |                 |      |
|------------|---------|-------|-----------|---------|-----|-----------------|------|
| I3773-07   | MA4X87  | -53   | -0.074 -  | ISM02.4 | PPB | 6/29/2017 16:11 | SMPL |
| I3773-08   | MA4X88  | -55   | -0.0744 - | ISM02.4 | PPB | 6/29/2017 16:13 | SMPL |
| PB100257BL | PBW003  | -7    | -0.0644 - | ISM02.4 | PPB | 6/29/2017 16:15 | SMPL |
| I3798-01   | MBDC53  | -58   | -0.0751 - | ISM02.4 | PPB | 6/29/2017 16:18 | SMPL |
| I3798-02   | MBDC69  | -83   | -0.0803 - | ISM02.4 | PPB | 6/29/2017 16:20 | SMPL |
| CCV003     | CCV003  | 24674 | 5.1163 -  | ISM02.4 | PPB | 6/29/2017 16:22 | SMPL |
| CCB003     | CCB003  | 43    | -0.0539 - | ISM02.4 | PPB | 6/29/2017 16:24 | SMPL |
| I3798-03   | MBDC69D | -83   | -0.0803 - | ISM02.4 | PPB | 6/29/2017 16:27 | SMPL |
| I3798-04   | MBDC69S | 4912  | 0.9682 -  | ISM02.4 | PPB | 6/29/2017 16:29 | SMPL |
| I3798-05   | MBDC55  | 264   | -0.0075 - | ISM02.4 | PPB | 6/29/2017 16:31 | SMPL |
| I3798-06   | MBDC54  | -84   | -0.0805 - | ISM02.4 | PPB | 6/29/2017 16:34 | SMPL |
| I3798-07   | MBDC56  | -57   | -0.0749 - | ISM02.4 | PPB | 6/29/2017 16:36 | SMPL |
| I3798-08   | MBDCA7  | -68   | -0.0772 - | ISM02.4 | PPB | 6/29/2017 16:38 | SMPL |
| PB100291BL | PBW003  | 6     | -0.0616 - | ISM02.4 | PPB | 6/29/2017 16:40 | SMPL |
| I3889-01   | MA4X89  | -56   | -0.0747 - | ISM02.4 | PPB | 6/29/2017 16:43 | SMPL |
| I3889-02   | MA4X90  | -54   | -0.0742 - | ISM02.4 | PPB | 6/29/2017 16:45 | SMPL |
| I3889-03   | MA4X90D | -51   | -0.0736 - | ISM02.4 | PPB | 6/29/2017 16:47 | SMPL |
| I3889-04   | MA4X90S | 4933  | 0.9726 -  | ISM02.4 | PPB | 6/29/2017 16:50 | SMPL |
| I3889-05   | MA4X91  | -71   | -0.0778 - | ISM02.4 | PPB | 6/29/2017 16:52 | SMPL |
| I3889-06   | MA4X93  | 2     | -0.0625 - | ISM02.4 | PPB | 6/29/2017 16:54 | SMPL |
| I3889-07   | MA4X94  | -22   | -0.0675 - | ISM02.4 | PPB | 6/29/2017 16:56 | SMPL |
| I3889-08   | MA4X95  | -13   | -0.0656 - | ISM02.4 | PPB | 6/29/2017 16:59 | SMPL |
| I3889-09   | MA4X96  | -39   | -0.0711 - | ISM02.4 | PPB | 6/29/2017 17:01 | SMPL |
| I3889-10   | MA4X97  | -60   | -0.0755 - | ISM02.4 | PPB | 6/29/2017 17:03 | SMPL |
| I3889-11   | MA4X98  | -68   | -0.0772 - | ISM02.4 | PPB | 6/29/2017 17:05 | SMPL |
| I3889-12   | MA4XA2  | -67   | -0.077 -  | ISM02.4 | PPB | 6/29/2017 17:08 | SMPL |
| I3889-13   | MA4XB3  | -55   | -0.0744 - | ISM02.4 | PPB | 6/29/2017 17:10 | SMPL |
| CCV004     | CCV004  | 24195 | 5.0158 -  | ISM02.4 | PPB | 6/29/2017 17:12 | SMPL |
| CCB004     | CCB004  | 48    | -0.0528 - | ISM02.4 | PPB | 6/29/2017 17:15 | SMPL |
| I3889-14   | MA4XB4  | -67   | -0.077 -  | ISM02.4 | PPB | 6/29/2017 17:17 | SMPL |
| I3889-15   | MA4XB5  | -65   | -0.0765 - | ISM02.4 | PPB | 6/29/2017 17:19 | SMPL |
| I3889-16   | MA4XB6  | -70   | -0.0776 - | ISM02.4 | PPB | 6/29/2017 17:21 | SMPL |
| I3889-17   | MA4XC1  | -71   | -0.0778 - | ISM02.4 | PPB | 6/29/2017 17:24 | SMPL |
| I3889-18   | MA4XC2  | -57   | -0.0749 - | ISM02.4 | PPB | 6/29/2017 17:26 | SMPL |
| I3889-19   | MA4XC4  | 94    | -0.0432 - | ISM02.4 | PPB | 6/29/2017 17:28 | SMPL |
| I3889-20   | MA4XC5  | -46   | -0.0726 - | ISM02.4 | PPB | 6/29/2017 17:31 | SMPL |
| I3889-21   | MA4XF9  | 4718  | 0.9274 -  | ISM02.4 | PPB | 6/29/2017 17:33 | SMPL |
| PB100292BL | PBW003  | -17   | -0.0665 - | ISM02.4 | PPB | 6/29/2017 17:35 | SMPL |
| I3890-01   | MA4XA3  | -67   | -0.077 -  | ISM02.4 | PPB | 6/29/2017 17:37 | SMPL |
| I3890-02   | MA4XA4  | -64   | -0.0763 - | ISM02.4 | PPB | 6/29/2017 17:40 | SMPL |
| I3890-03   | MA4XA4D | -68   | -0.0772 - | ISM02.4 | PPB | 6/29/2017 17:42 | SMPL |
| I3890-04   | MA4XA4S | 4862  | 0.9577 -  | ISM02.4 | PPB | 6/29/2017 17:44 | SMPL |
| I3890-05   | MA4XA5  | -94   | -0.0826 - | ISM02.4 | PPB | 6/29/2017 17:47 | SMPL |
| I3890-06   | MA4XA6  | -56   | -0.0747 - | ISM02.4 | PPB | 6/29/2017 17:49 | SMPL |
| I3890-07   | MA4XA7  | -35   | -0.0702 - | ISM02.4 | PPB | 6/29/2017 17:51 | SMPL |
| I3890-08   | MA4XA8  | 79    | -0.0463 - | ISM02.4 | PPB | 6/29/2017 17:53 | SMPL |
| I3890-09   | MA4XA9  | -65   | -0.0765 - | ISM02.4 | PPB | 6/29/2017 17:56 | SMPL |

## INSTRUMENT ID : CV1

|            |         |       |           |         |     |                 |      |
|------------|---------|-------|-----------|---------|-----|-----------------|------|
| I3890-10   | MA4XB0  | -57   | -0.0749 - | ISM02.4 | PPB | 6/29/2017 17:58 | SMPL |
| I3890-11   | MA4XB1  | -54   | -0.0742 - | ISM02.4 | PPB | 6/29/2017 18:00 | SMPL |
| CCV005     | CCV005  | 24545 | 5.0892 -  | ISM02.4 | PPB | 6/29/2017 18:03 | SMPL |
| CCB005     | CCB005  | 57    | -0.0509 - | ISM02.4 | PPB | 6/29/2017 18:05 | SMPL |
| I3890-12   | MA4XB2  | -62   | -0.0759 - | ISM02.4 | PPB | 6/29/2017 18:07 | SMPL |
| I3890-15   | MA4XH0  | 4652  | 0.9136 -  | ISM02.4 | PPB | 6/29/2017 18:09 | SMPL |
| I3890-16   | MA4XH5  | -30   | -0.0692 - | ISM02.4 | PPB | 6/29/2017 18:12 | SMPL |
| I3890-17   | MA4XH6  | 0     | -0.0629 - | ISM02.4 | PPB | 6/29/2017 18:14 | SMPL |
| I3890-18   | MA4XH7  | -45   | -0.0723 - | ISM02.4 | PPB | 6/29/2017 18:16 | SMPL |
| I3890-19   | MA4XH8  | -63   | -0.0761 - | ISM02.4 | PPB | 6/29/2017 18:19 | SMPL |
| I3890-20   | MA4XH9  | -71   | -0.0778 - | ISM02.4 | PPB | 6/29/2017 18:21 | SMPL |
| I3890-21   | MA4XJ0  | 38    | -0.0549 - | ISM02.4 | PPB | 6/29/2017 18:23 | SMPL |
| I3890-22   | MA4XJ1  | -67   | -0.077 -  | ISM02.4 | PPB | 6/29/2017 18:25 | SMPL |
| I3890-23   | MA4XJ2  | -68   | -0.0772 - | ISM02.4 | PPB | 6/29/2017 18:28 | SMPL |
| I3890-24   | MA4XJ3  | -59   | -0.0753 - | ISM02.4 | PPB | 6/29/2017 18:30 | SMPL |
| I3890-25   | MA4XJ4  | -60   | -0.0755 - | ISM02.4 | PPB | 6/29/2017 18:32 | SMPL |
| PB100293BL | PBW003  | -1    | -0.0631 - | ISM02.4 | PPB | 6/29/2017 18:35 | SMPL |
| I3892-01   | MA4XC6  | -37   | -0.0707 - | ISM02.4 | PPB | 6/29/2017 18:37 | SMPL |
| I3892-02   | MA4XC7  | -47   | -0.0728 - | ISM02.4 | PPB | 6/29/2017 18:39 | SMPL |
| I3892-03   | MA4XF2  | -47   | -0.0728 - | ISM02.4 | PPB | 6/29/2017 18:41 | SMPL |
| I3892-04   | MA4XF3  | -30   | -0.0692 - | ISM02.4 | PPB | 6/29/2017 18:44 | SMPL |
| I3892-05   | MA4XF3D | -40   | -0.0713 - | ISM02.4 | PPB | 6/29/2017 18:46 | SMPL |
| I3892-06   | MA4XF3S | 4849  | 0.9549 -  | ISM02.4 | PPB | 6/29/2017 18:48 | SMPL |
| I3892-07   | MA4XF4  | -75   | -0.0786 - | ISM02.4 | PPB | 6/29/2017 18:51 | SMPL |
| CCV006     | CCV006  | 23856 | 4.9446 -  | ISM02.4 | PPB | 6/29/2017 18:53 | SMPL |
| CCB006     | CCB006  | 65    | -0.0493 - | ISM02.4 | PPB | 6/29/2017 18:55 | SMPL |
| I3892-08   | MA4XL5  | -65   | -0.0765 - | ISM02.4 | PPB | 6/29/2017 18:57 | SMPL |
| I3892-09   | MA4XE3  | -72   | -0.078 -  | ISM02.4 | PPB | 6/29/2017 19:00 | SMPL |
| I3892-10   | MA4XJ6  | -65   | -0.0765 - | ISM02.4 | PPB | 6/29/2017 19:02 | SMPL |
| I3892-11   | MA4XJ7  | -79   | -0.0795 - | ISM02.4 | PPB | 6/29/2017 19:04 | SMPL |
| I3892-12   | MA4XJ8  | -65   | -0.0765 - | ISM02.4 | PPB | 6/29/2017 19:07 | SMPL |
| I3892-13   | MA4XJ9  | -67   | -0.077 -  | ISM02.4 | PPB | 6/29/2017 19:09 | SMPL |
| I3892-14   | MA4XK1  | -71   | -0.0778 - | ISM02.4 | PPB | 6/29/2017 19:11 | SMPL |
| I3892-15   | MA4XK2  | -68   | -0.0772 - | ISM02.4 | PPB | 6/29/2017 19:13 | SMPL |
| I3892-16   | MA4XK3  | -82   | -0.0801 - | ISM02.4 | PPB | 6/29/2017 19:16 | SMPL |
| I3892-17   | MA4XK4  | -82   | -0.0801 - | ISM02.4 | PPB | 6/29/2017 19:18 | SMPL |
| I3892-18   | MA4XK5  | -63   | -0.0761 - | ISM02.4 | PPB | 6/29/2017 19:20 | SMPL |
| I3892-19   | MA4XL9  | -72   | -0.078 -  | ISM02.4 | PPB | 6/29/2017 19:23 | SMPL |
| I3892-20   | MA4XM0  | -58   | -0.0751 - | ISM02.4 | PPB | 6/29/2017 19:25 | SMPL |
| I3892-21   | MA4XL4  | -55   | -0.0744 - | ISM02.4 | PPB | 6/29/2017 19:27 | SMPL |
| I3892-22   | MA4XM3  | -54   | -0.0742 - | ISM02.4 | PPB | 6/29/2017 19:29 | SMPL |
| CCV007     | CCV007  | 24287 | 5.0351 -  | ISM02.4 | PPB | 6/29/2017 19:41 | SMPL |
| CCB007     | CCB007  | 65    | -0.0493 - | ISM02.4 | PPB | 6/29/2017 19:43 | SMPL |