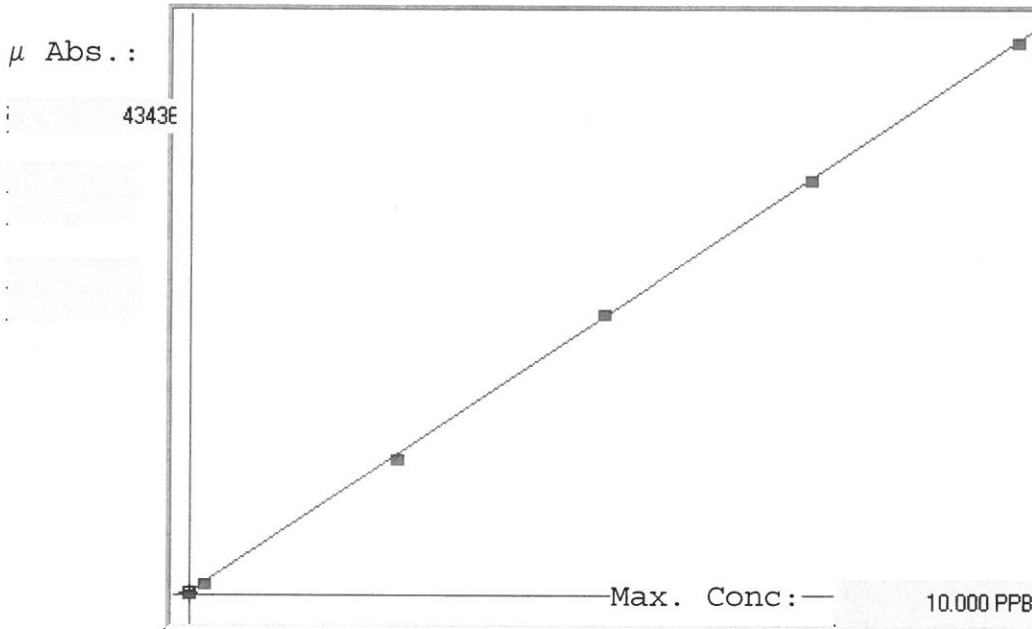


LB105769

ISM02.4

INSTRUMENT ID : CV1

Linear



A= 0.0000e+000

B= 2.3065e-004

C= -3.7323e-002

Rho= 0.9999461

Accept=Accepted

slope  
y intercept

| Std ID | Conc.  | Calc. | Dev.   | Mean  | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | %D |
|--------|--------|-------|--------|-------|------------|-------|-------|-------|-------|-------|----|
| 0.00   | 0.000  | 0.004 | 0.004  | 180   | 0.000      | 180   |       |       |       |       | 1  |
| 0.05   | 0.050  |       |        |       |            |       |       |       |       |       |    |
| 0.20   | 0.200  | 0.200 | -0.000 | 1028  | 0.0 %      | 1028  |       |       |       |       |    |
| 2.50   | 2.500  | 2.449 | -0.051 | 10778 | 0.0 %      | 10778 |       |       |       |       |    |
| 5.00   | 5.000  | 5.076 | 0.076  | 22167 | 0.0 %      | 22167 |       |       |       |       |    |
| 7.50   | 7.500  | 7.490 | -0.010 | 32636 | 0.0 %      | 32636 |       |       |       |       |    |
| 10.0   | 10.000 | 9.981 | -0.019 | 43436 | 0.0 %      | 43436 |       |       |       |       |    |

0020

RS 10-18-19

## INSTRUMENT ID : CV1

| Sample ID  | Extended ID | $\mu$ Abs. | Conc.     | Std Conc | Method      | Units | Date             | Type |
|------------|-------------|------------|-----------|----------|-------------|-------|------------------|------|
|            | 0 S0.0      | 180        | -         |          | 0 ISM02.4   | PPB   | 10/17/2019 13:36 | Std  |
|            | 0.2 S0.2    | 1028       | -         |          | 0.2 ISM02.4 | PPB   | 10/17/2019 13:38 | Std  |
|            | 2.5 S2.5    | 10778      | -         |          | 2.5 ISM02.4 | PPB   | 10/17/2019 13:41 | Std  |
|            | 5 S5.0      | 22167      | -         |          | 5 ISM02.4   | PPB   | 10/17/2019 13:43 | Std  |
|            | 7.5 S7.5    | 32636      | -         |          | 7.5 ISM02.4 | PPB   | 10/17/2019 13:45 | Std  |
|            | 10 S10.0    | 43436      | -         |          | 10 ISM02.4  | PPB   | 10/17/2019 13:47 | Std  |
| ICV        | ICV         | 16656      | 3.8045 -  |          | ISM02.4     | PPB   | 10/17/2019 13:50 | SMPL |
| ICB        | ICB         | 118        | -0.0101 - |          | ISM02.4     | PPB   | 10/17/2019 13:53 | SMPL |
| CCV061     | CCV061      | 22033      | 5.0447 -  |          | ISM02.4     | PPB   | 10/17/2019 13:55 | SMPL |
| CCB061     | CCB061      | 127        | -0.008 -  |          | ISM02.4     | PPB   | 10/17/2019 13:57 | SMPL |
| PB124070BL | PBW070      | 187        | 0.0058 -  |          | ISM02.4     | PPB   | 10/17/2019 14:00 | SMPL |
| K5166-01   | MH0GA7      | 272        | 0.0254 -  |          | ISM02.4     | PPB   | 10/17/2019 14:02 | SMPL |
| K5166-02   | MH0GA9      | 247        | 0.0196 -  |          | ISM02.4     | PPB   | 10/17/2019 14:04 | SMPL |
| K5166-03   | MH0GB1      | 289        | 0.0293 -  |          | ISM02.4     | PPB   | 10/17/2019 14:06 | SMPL |
| K5166-04   | MH0GB3      | 212        | 0.0116 -  |          | ISM02.4     | PPB   | 10/17/2019 14:09 | SMPL |
| K5166-05   | MH0GB5      | 594        | 0.0997 -  |          | ISM02.4     | PPB   | 10/17/2019 14:11 | SMPL |
| K5166-06   | MH0GB7      | 207        | 0.0104 -  |          | ISM02.4     | PPB   | 10/17/2019 14:13 | SMPL |
| K5166-07   | MH0GB9      | 188        | 0.006 -   |          | ISM02.4     | PPB   | 10/17/2019 14:15 | SMPL |
| K5166-08   | MH0GC1      | 204        | 0.0097 -  |          | ISM02.4     | PPB   | 10/17/2019 14:18 | SMPL |
| K5166-09   | MH0GC3      | 204        | 0.0097 -  |          | ISM02.4     | PPB   | 10/17/2019 14:20 | SMPL |
| K5166-10   | MH0GC5      | 223        | 0.0141 -  |          | ISM02.4     | PPB   | 10/17/2019 14:22 | SMPL |
| K5166-11   | MH0GC7      | 327        | 0.0381 -  |          | ISM02.4     | PPB   | 10/17/2019 14:25 | SMPL |
| K5166-12   | MH0GC9      | 293        | 0.0303 -  |          | ISM02.4     | PPB   | 10/17/2019 14:27 | SMPL |
| K5166-13   | MH0GD1      | 289        | 0.0293 -  |          | ISM02.4     | PPB   | 10/17/2019 14:29 | SMPL |
| K5166-14   | MH0GD3      | 269        | 0.0247 -  |          | ISM02.4     | PPB   | 10/17/2019 14:31 | SMPL |
| K5166-15   | MH0GD5      | 246        | 0.0194 -  |          | ISM02.4     | PPB   | 10/17/2019 14:34 | SMPL |
| K5166-16   | MH0GD7      | 223        | 0.0141 -  |          | ISM02.4     | PPB   | 10/17/2019 14:36 | SMPL |
| K5166-17   | MH0GD7D     | 248        | 0.0199 -  |          | ISM02.4     | PPB   | 10/17/2019 14:40 | SMPL |
| K5166-18   | MH0GD7S     | 5250       | 1.1736 -  |          | ISM02.4     | PPB   | 10/17/2019 14:42 | SMPL |
| K5166-19   | MH0GD9      | 254        | 0.0213 -  |          | ISM02.4     | PPB   | 10/17/2019 14:44 | SMPL |
| CCV062     | CCV062      | 22120      | 5.0648 -  |          | ISM02.4     | PPB   | 10/17/2019 14:47 | SMPL |
| CCB062     | CCB062      | 127        | -0.008 -  |          | ISM02.4     | PPB   | 10/17/2019 14:49 | SMPL |
| K5166-20   | MH0GE1      | 246        | 0.0194 -  |          | ISM02.4     | PPB   | 10/17/2019 14:51 | SMPL |
| K5166-21   | MH0GE3      | 216        | 0.0125 -  |          | ISM02.4     | PPB   | 10/17/2019 14:54 | SMPL |
| K5166-22   | MH0GE5      | 218        | 0.013 -   |          | ISM02.4     | PPB   | 10/17/2019 14:56 | SMPL |
| PB124071BL | PBW071      | 159        | -0.0006 - |          | ISM02.4     | PPB   | 10/17/2019 14:58 | SMPL |
| K5167-01   | MH0GE7      | 237        | 0.0173 -  |          | ISM02.4     | PPB   | 10/17/2019 15:00 | SMPL |
| K5167-02   | MH0GE9      | 237        | 0.0173 -  |          | ISM02.4     | PPB   | 10/17/2019 15:03 | SMPL |
| K5167-03   | MH0GF1      | 229        | 0.0155 -  |          | ISM02.4     | PPB   | 10/17/2019 15:05 | SMPL |
| K5167-04   | MH0GF3      | 343        | 0.0418 -  |          | ISM02.4     | PPB   | 10/17/2019 15:07 | SMPL |
| K5167-05   | MH0GF3D     | 332        | 0.0393 -  |          | ISM02.4     | PPB   | 10/17/2019 15:09 | SMPL |
| K5167-06   | MH0GF3S     | 5327       | 1.1914 -  |          | ISM02.4     | PPB   | 10/17/2019 15:12 | SMPL |
| PB124072BL | PBW072      | 142        | -0.0046 - |          | ISM02.4     | PPB   | 10/17/2019 15:14 | SMPL |
| K5170-01   | MH0FW8      | 337        | 0.0404 -  |          | ISM02.4     | PPB   | 10/17/2019 15:16 | SMPL |
| K5170-02   | MH0FX0      | 313        | 0.0349 -  |          | ISM02.4     | PPB   | 10/17/2019 15:19 | SMPL |
| K5170-03   | MH0FX2      | 441        | 0.0644 -  |          | ISM02.4     | PPB   | 10/17/2019 15:21 | SMPL |

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|            |         |       |           |         |     |                  |      |
|------------|---------|-------|-----------|---------|-----|------------------|------|
| K5170-04   | MH0FX4  | 434   | 0.0628 -  | ISM02.4 | PPB | 10/17/2019 15:23 | SMPL |
| K5170-05   | MH0FX6  | 717   | 0.1281 -  | ISM02.4 | PPB | 10/17/2019 15:25 | SMPL |
| K5170-06   | MH0FX8  | 430   | 0.0619 -  | ISM02.4 | PPB | 10/17/2019 15:28 | SMPL |
| K5170-07   | MH0FY0  | 567   | 0.0935 -  | ISM02.4 | PPB | 10/17/2019 15:30 | SMPL |
| K5170-08   | MH0FY2  | 171   | 0.0021 -  | ISM02.4 | PPB | 10/17/2019 15:32 | SMPL |
| K5170-09   | MH0FY4  | 156   | -0.0013 - | ISM02.4 | PPB | 10/17/2019 15:34 | SMPL |
| CCV063     | CCV063  | 21822 | 4.996 -   | ISM02.4 | PPB | 10/17/2019 15:37 | SMPL |
| CCB063     | CCB063  | 127   | -0.008 -  | ISM02.4 | PPB | 10/17/2019 15:39 | SMPL |
| K5170-10   | MH0FY6  | 168   | 0.0014 -  | ISM02.4 | PPB | 10/17/2019 15:41 | SMPL |
| K5170-11   | MH0FY8  | 195   | 0.0077 -  | ISM02.4 | PPB | 10/17/2019 15:44 | SMPL |
| K5170-12   | MH0FZ0  | 179   | 0.004 -   | ISM02.4 | PPB | 10/17/2019 15:46 | SMPL |
| K5170-13   | MH0FZ2  | 225   | 0.0146 -  | ISM02.4 | PPB | 10/17/2019 15:48 | SMPL |
| K5170-14   | MH0FZ4  | 186   | 0.0056 -  | ISM02.4 | PPB | 10/17/2019 15:50 | SMPL |
| K5170-15   | MH0FZ4D | 163   | 0.0003 -  | ISM02.4 | PPB | 10/17/2019 15:53 | SMPL |
| K5170-16   | MH0FZ4S | 5150  | 1.1505 -  | ISM02.4 | PPB | 10/17/2019 15:55 | SMPL |
| K5170-17   | MH0FZ6  | 228   | 0.0153 -  | ISM02.4 | PPB | 10/17/2019 15:57 | SMPL |
| K5170-18   | MH0FZ8  | 703   | 0.1248 -  | ISM02.4 | PPB | 10/17/2019 16:00 | SMPL |
| K5170-19   | MH0GA0  | 175   | 0.003 -   | ISM02.4 | PPB | 10/17/2019 16:02 | SMPL |
| K5170-20   | MH0GA2  | 244   | 0.019 -   | ISM02.4 | PPB | 10/17/2019 16:04 | SMPL |
| K5170-21   | MH0GA4  | 221   | 0.0137 -  | ISM02.4 | PPB | 10/17/2019 16:06 | SMPL |
| K5170-22   | MH0GA6  | 175   | 0.003 -   | ISM02.4 | PPB | 10/17/2019 16:09 | SMPL |
| PB124073BL | PBW073  | 163   | 0.0003 -  | ISM02.4 | PPB | 10/17/2019 16:11 | SMPL |
| K5172-01   | MH0GA8  | 101   | -0.014 -  | ISM02.4 | PPB | 10/17/2019 16:13 | SMPL |
| K5172-02   | MH0GB0  | 91    | -0.0163 - | ISM02.4 | PPB | 10/17/2019 16:16 | SMPL |
| K5172-03   | MH0GB2  | 171   | 0.0021 -  | ISM02.4 | PPB | 10/17/2019 16:18 | SMPL |
| K5172-04   | MH0GB4  | 84    | -0.0179 - | ISM02.4 | PPB | 10/17/2019 16:20 | SMPL |
| K5172-05   | MH0GB6  | 1704  | 0.3557 -  | ISM02.4 | PPB | 10/17/2019 16:22 | SMPL |
| K5172-06   | MH0GB8  | 114   | -0.011 -  | ISM02.4 | PPB | 10/17/2019 16:25 | SMPL |
| CCV064     | CCV064  | 21517 | 4.9257 -  | ISM02.4 | PPB | 10/17/2019 16:27 | SMPL |
| CCB064     | CCB064  | 138   | -0.0055 - | ISM02.4 | PPB | 10/17/2019 16:29 | SMPL |
| K5172-07   | MH0GC0  | 84    | -0.0179 - | ISM02.4 | PPB | 10/17/2019 16:32 | SMPL |
| K5172-08   | MH0GC2  | 113   | -0.0113 - | ISM02.4 | PPB | 10/17/2019 16:34 | SMPL |
| K5172-09   | MH0GC4  | 81    | -0.0186 - | ISM02.4 | PPB | 10/17/2019 16:36 | SMPL |
| K5172-10   | MH0GC6  | 198   | 0.0083 -  | ISM02.4 | PPB | 10/17/2019 16:38 | SMPL |
| K5172-11   | MH0GC8  | 101   | -0.014 -  | ISM02.4 | PPB | 10/17/2019 16:41 | SMPL |
| K5172-12   | MH0GD0  | 121   | -0.0094 - | ISM02.4 | PPB | 10/17/2019 16:43 | SMPL |
| K5172-13   | MH0GD2  | 198   | 0.0083 -  | ISM02.4 | PPB | 10/17/2019 16:45 | SMPL |
| K5172-14   | MH0GD4  | 248   | 0.0199 -  | ISM02.4 | PPB | 10/17/2019 16:48 | SMPL |
| K5172-15   | MH0GD6  | 231   | 0.016 -   | ISM02.4 | PPB | 10/17/2019 16:50 | SMPL |
| K5172-16   | MH0GD8  | 86    | -0.0175 - | ISM02.4 | PPB | 10/17/2019 16:52 | SMPL |
| K5172-17   | MH0GD8D | 79    | -0.0191 - | ISM02.4 | PPB | 10/17/2019 16:55 | SMPL |
| K5172-18   | MH0GD8S | 4934  | 1.1007 -  | ISM02.4 | PPB | 10/17/2019 16:57 | SMPL |
| K5172-19   | MH0GE0  | 65    | -0.0223 - | ISM02.4 | PPB | 10/17/2019 16:59 | SMPL |
| K5172-20   | MH0GE2  | 85    | -0.0177 - | ISM02.4 | PPB | 10/17/2019 17:01 | SMPL |
| K5172-21   | MH0GE4  | 94    | -0.0156 - | ISM02.4 | PPB | 10/17/2019 17:04 | SMPL |
| K5172-22   | MH0GE6  | 109   | -0.0122 - | ISM02.4 | PPB | 10/17/2019 17:06 | SMPL |
| PB124075BL | PBW075  | 93    | -0.0159 - | ISM02.4 | PPB | 10/17/2019 17:08 | SMPL |

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|          |         |       |           |         |     |                  |      |
|----------|---------|-------|-----------|---------|-----|------------------|------|
| K5173-01 | MH0GE8  | 227   | 0.015 -   | ISM02.4 | PPB | 10/17/2019 17:11 | SMPL |
| K5173-02 | MH0GF0  | 174   | 0.0028 -  | ISM02.4 | PPB | 10/17/2019 17:13 | SMPL |
| K5173-03 | MH0GF2  | 154   | -0.0018 - | ISM02.4 | PPB | 10/17/2019 17:15 | SMPL |
| CCV065   | CCV065  | 21725 | 4.9737 -  | ISM02.4 | PPB | 10/17/2019 17:17 | SMPL |
| CCB065   | CCB065  | 34    | -0.0295 - | ISM02.4 | PPB | 10/17/2019 17:20 | SMPL |
| K5173-04 | MH0GF4  | 164   | 0.0005 -  | ISM02.4 | PPB | 10/17/2019 17:22 | SMPL |
| K5173-05 | MH0GF4D | 193   | 0.0072 -  | ISM02.4 | PPB | 10/17/2019 17:24 | SMPL |
| K5173-06 | MH0GF4S | 5085  | 1.1356 -  | ISM02.4 | PPB | 10/17/2019 17:27 | SMPL |
| CCV066   | CCV066  | 22029 | 5.0438 -  | ISM02.4 | PPB | 10/17/2019 17:29 | SMPL |
| CCB066   | CCB066  | 41    | -0.0279 - | ISM02.4 | PPB | 10/17/2019 17:31 | SMPL |