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Test results

Aquakem 7.2AQ1

213937444  
Page: 1

CHEMTECH  
284 Sheffield Street,  
Mountainside, NJ 07092  
Reviewed by : AS

2/22/2018 10:10

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Test: Ammonia-N *mg/L*

| Sample Id    | Result | Dil. 1 + | Response | Errors |
|--------------|--------|----------|----------|--------|
| ICV1         | 0.936  | 0.0      | 0.203    |        |
| ICB1         | 0.020  | 0.0      | 0.037    |        |
| CCV1         | 0.913  | 0.0      | 0.199    |        |
| CCB1         | 0.017  | 0.0      | 0.037    |        |
| PB106737BL   | 0.019  | 0.0      | 0.037    |        |
| PB106737BS   | 0.850  | 0.0      | 0.188    |        |
| J1161-01     | 0.117  | 0.0      | 0.055    |        |
| J1161-03     | 0.142  | 0.0      | 0.059    |        |
| MDL-SOIL-03  | 0.104  | 0.0      | 0.052    |        |
| PB106738BL   | 0.022  | 0.0      | 0.038    |        |
| PB106738BS   | 0.970  | 0.0      | 0.209    |        |
| J1161-07     | 0.104  | 0.0      | 0.053    |        |
| J1161-09     | 0.159  | 0.0      | 0.062    |        |
| MDL-WATER-03 | 0.113  | 0.0      | 0.054    |        |
| CCV2         | 0.985  | 0.0      | 0.212    |        |
| CCB2         | 0.019  | 0.0      | 0.037    |        |

|      |        |
|------|--------|
| N    | 16     |
| Mean | 0.343  |
| SD   | 0.4128 |
| CV%  | 120.26 |

AS

Aquakem v. 7.2AQ1

Results from time period:

Thu Feb 22 09:31:57 2018

Thu Feb 22 10:08:31 2018

| Sample Id    | Sam/Ctr/c/ | Test short nar | Test type | Result | Result unit | Result date and time | Stat |
|--------------|------------|----------------|-----------|--------|-------------|----------------------|------|
| 0.1PPM       | A          | Ammonia-N      | P         | 0.1092 | mg/l        | 2/22/2018 8:14:49    |      |
| 0.2PPM       | A          | Ammonia-N      | P         | 0.1964 | mg/l        | 2/22/2018 8:14:50    |      |
| 0.4PPM       | A          | Ammonia-N      | P         | 0.417  | mg/l        | 2/22/2018 8:14:51    |      |
| 1.0PPM       | A          | Ammonia-N      | P         | 0.941  | mg/l        | 2/22/2018 8:14:52    |      |
| 1.3PPM       | A          | Ammonia-N      | P         | 1.3648 | mg/l        | 2/22/2018 8:14:53    |      |
| 2.0PPM       | A          | Ammonia-N      | P         | 2.005  | mg/l        | 2/22/2018 8:14:54    |      |
| ICV1         | S          | Ammonia-N      | P         | 0.9363 | mg/l        | 2/22/2018 10:02:24   |      |
| ICB1         | S          | Ammonia-N      | P         | 0.0196 | mg/l        | 2/22/2018 10:02:25   |      |
| CCV1         | S          | Ammonia-N      | P         | 0.9133 | mg/l        | 2/22/2018 10:02:26   |      |
| CCB1         | S          | Ammonia-N      | P         | 0.0174 | mg/l        | 2/22/2018 10:02:27   |      |
| PB106737BL   | S          | Ammonia-N      | P         | 0.0193 | mg/l        | 2/22/2018 10:02:28   |      |
| PB106737BS   | S          | Ammonia-N      | P         | 0.8501 | mg/l        | 2/22/2018 10:02:29   |      |
| J1161-01     | S          | Ammonia-N      | P         | 0.1168 | mg/l        | 2/22/2018 10:02:30   |      |
| J1161-03     | S          | Ammonia-N      | P         | 0.1418 | mg/l        | 2/22/2018 10:02:31   |      |
| MDL-SOIL-03  | S          | Ammonia-N      | P         | 0.1042 | mg/l        | 2/22/2018 10:02:32   |      |
| PB106738BL   | S          | Ammonia-N      | P         | 0.0223 | mg/l        | 2/22/2018 10:02:33   |      |
| PB106738BS   | S          | Ammonia-N      | P         | 0.9703 | mg/l        | 2/22/2018 10:02:34   |      |
| J1161-07     | S          | Ammonia-N      | P         | 0.1044 | mg/l        | 2/22/2018 10:02:35   |      |
| J1161-09     | S          | Ammonia-N      | P         | 0.1586 | mg/l        | 2/22/2018 10:08:28   |      |
| MDL-WATER-03 | S          | Ammonia-N      | P         | 0.1127 | mg/l        | 2/22/2018 10:08:29   |      |
| CCV2         | S          | Ammonia-N      | P         | 0.9849 | mg/l        | 2/22/2018 10:08:30   |      |
| CCB2         | S          | Ammonia-N      | P         | 0.0195 | mg/l        | 2/22/2018 10:08:31   |      |

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2/22/2018 8:15

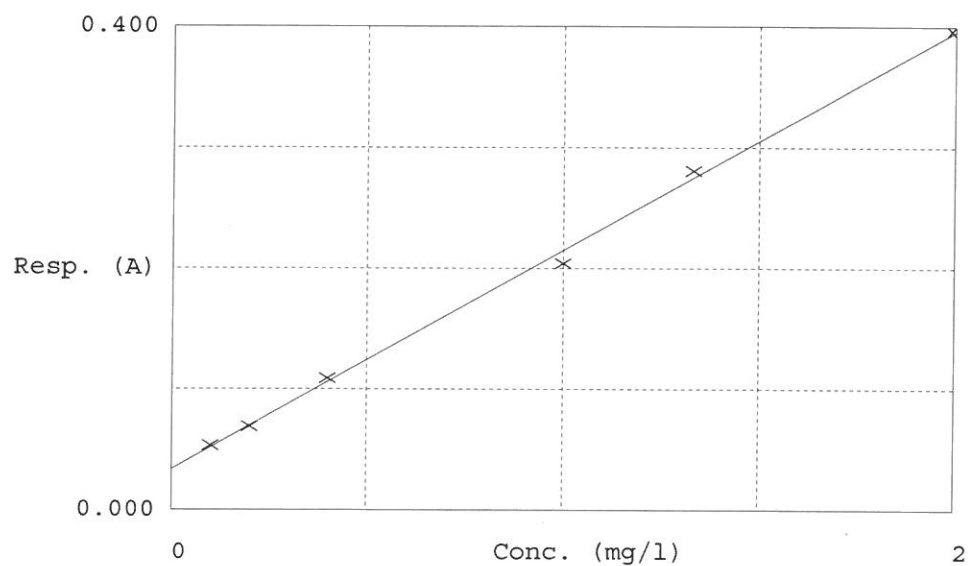
Test Ammonia-N

Accepted 2/22/2018 8:15

Factor 5.522  
Bias 0.034

Coeff. of det. 0.998236

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors |
|---|------------|----------|------------|--------|--------|
| 1 | NH3-2PPM   | 0.053    | 0.1092     | 0.1000 |        |
| 2 | NH3-2PPM   | 0.069    | 0.1964     | 0.2000 |        |
| 3 | NH3-2PPM   | 0.109    | 0.4170     | 0.4000 |        |
| 4 | NH3-2PPM   | 0.204    | 0.9410     | 1.0000 |        |
| 5 | NH3-2PPM   | 0.281    | 1.3648     | 1.3333 |        |
| 6 | NH3-2PPM   | 0.397    | 2.0050     | 2.0000 |        |