

LB86669

Test results

Aquakem 7.2AQ1

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CHEMTECH

284 Sheffield Street,  
Mountainside, NJ 07092Reviewed by : AK

4/3/2017 10:54

Test: Ammonia-N

| Sample Id    | Result | Dil. 1 + | Response | Errors          |
|--------------|--------|----------|----------|-----------------|
| ICV1         | 0.955  | 0.0      | 0.232    |                 |
| ICB1         | 0.012  | 0.0      | 0.040    |                 |
| CCV1         | 0.946  | 0.0      | 0.230    |                 |
| CCB1         | 0.012  | 0.0      | 0.040    |                 |
| PB97970BL    | 0.012  | 0.0      | 0.040    |                 |
| PB97970BS    | 0.938  | 0.0      | 0.228    |                 |
| I2491-01     | 0.202  | 0.0      | 0.079    |                 |
| I2491-01DUP  | 0.204  | 0.0      | 0.079    |                 |
| I2491-01MS   | 1.115  | 0.0      | 0.264    |                 |
| I2491-01MSD  | 1.112  | 0.0      | 0.264    |                 |
| I2491-03     | 3.462  | 0.0      | 0.741    | Test limit high |
| I2491-05     | 1.414  | 0.0      | 0.325    |                 |
| I2491-07     | 1.460  | 0.0      | 0.334    |                 |
| CCV2         | 0.989  | 0.0      | 0.239    |                 |
| CCB2         | 0.020  | 0.0      | 0.042    |                 |
| I2491-03DLX5 | 0.707  | 0.0      | 0.181    |                 |
| CCV3         | 1.001  | 0.0      | 0.241    |                 |
| CCB3         | 0.016  | 0.0      | 0.041    |                 |

|      |        |
|------|--------|
| N    | 18     |
| Mean | 0.810  |
| SD   | 0.8415 |
| CV%  | 103.92 |

UB 8666 9

Aquakem v. 7.2AQ1

Results from time period:

Mon Apr 03 09:25:25 2017

Mon Apr 03 10:25:47 2017

AK

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|--------|-------------|----------------------|------|
| 0.1PPM       | A          | Ammonia-I  | P         | 0.1126 | mg/l        | 4/3/2017 9:25:25     |      |
| 0.2PPM       | A          | Ammonia-I  | P         | 0.2054 | mg/l        | 4/3/2017 9:25:26     |      |
| 0.4PPM       | A          | Ammonia-I  | P         | 0.3962 | mg/l        | 4/3/2017 9:25:27     |      |
| 1.0PPM       | A          | Ammonia-I  | P         | 0.9862 | mg/l        | 4/3/2017 9:25:28     |      |
| 1.3PPM       | A          | Ammonia-I  | P         | 1.3126 | mg/l        | 4/3/2017 9:25:29     |      |
| 2.0PPM       | A          | Ammonia-I  | P         | 2.0203 | mg/l        | 4/3/2017 9:25:30     |      |
| ICV1         | S          | Ammonia-I  | P         | 0.9547 | mg/l        | 4/3/2017 9:56:07     |      |
| ICB1         | S          | Ammonia-I  | P         | 0.0124 | mg/l        | 4/3/2017 9:56:08     |      |
| CCV1         | S          | Ammonia-I  | P         | 0.9461 | mg/l        | 4/3/2017 9:56:09     |      |
| CCB1         | S          | Ammonia-I  | P         | 0.0116 | mg/l        | 4/3/2017 9:56:10     |      |
| PB97970BL    | S          | Ammonia-I  | P         | 0.0116 | mg/l        | 4/3/2017 9:56:11     |      |
| PB97970BS    | S          | Ammonia-I  | P         | 0.938  | mg/l        | 4/3/2017 9:56:12     |      |
| I2491-01     | S          | Ammonia-I  | P         | 0.2021 | mg/l        | 4/3/2017 9:56:13     |      |
| I2491-01DUP  | S          | Ammonia-I  | P         | 0.2042 | mg/l        | 4/3/2017 9:56:14     |      |
| I2491-01MS   | S          | Ammonia-I  | P         | 1.1154 | mg/l        | 4/3/2017 9:56:15     |      |
| I2491-01MSD  | S          | Ammonia-I  | P         | 1.112  | mg/l        | 4/3/2017 9:56:16     |      |
| I2491-03     | S          | Ammonia-I  | P         | 3.4616 | mg/l        | 4/3/2017 9:56:17     |      |
| I2491-05     | S          | Ammonia-I  | P         | 1.4139 | mg/l        | 4/3/2017 9:56:18     |      |
| I2491-07     | S          | Ammonia-I  | P         | 1.4598 | mg/l        | 4/3/2017 10:02:46    |      |
| CCV2         | S          | Ammonia-I  | P         | 0.9891 | mg/l        | 4/3/2017 10:02:47    |      |
| CCB2         | S          | Ammonia-I  | P         | 0.0197 | mg/l        | 4/3/2017 10:02:48    |      |
| I2491-03DLX5 | S          | Ammonia-I  | P         | 0.7073 | mg/l        | 4/3/2017 10:25:45    |      |
| CCV3         | S          | Ammonia-I  | P         | 1.0011 | mg/l        | 4/3/2017 10:25:46    |      |
| CCB3         | S          | Ammonia-I  | P         | 0.0165 | mg/l        | 4/3/2017 10:25:47    |      |

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Calibration results

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284 Sheffield Street,  
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4/3/2017 9:28

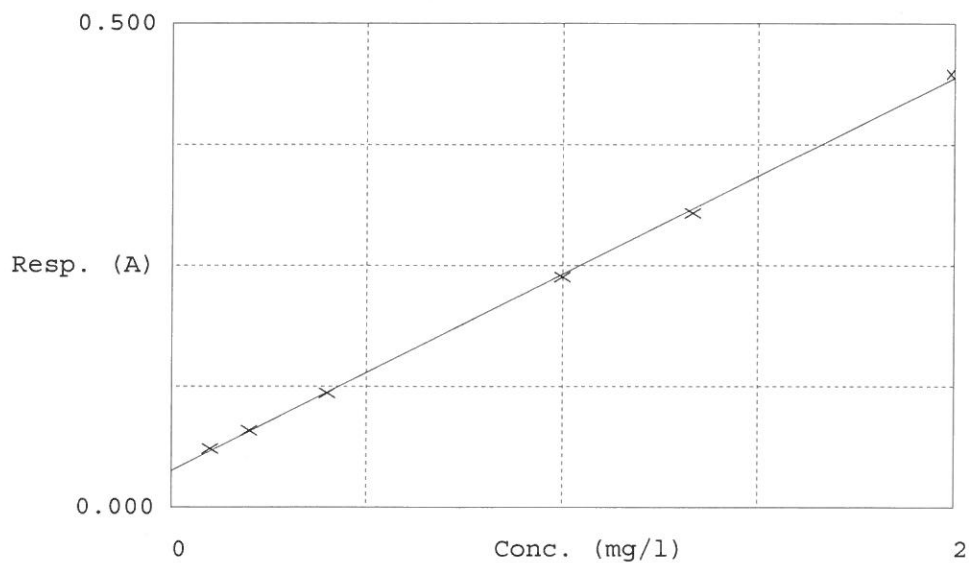
Test Ammonia-N

Accepted 4/3/2017 9:28

Factor 4.925  
Bias 0.038

Coeff. of det. 0.999554

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors |
|---|------------|----------|------------|--------|--------|
| 1 | NH3-2PPM   | 0.061    | 0.1126     | 0.1000 |        |
| 2 | NH3-2PPM   | 0.079    | 0.2054     | 0.2000 |        |
| 3 | NH3-2PPM   | 0.118    | 0.3962     | 0.4000 |        |
| 4 | NH3-2PPM   | 0.238    | 0.9862     | 1.0000 |        |
| 5 | NH3-2PPM   | 0.304    | 1.3126     | 1.3333 |        |
| 6 | NH3-2PPM   | 0.448    | 2.0203     | 2.0000 |        |