

LB87074

Test results

Aquakem 7.2AQ1

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

4/26/2017 15:27

Test: Ammonia-N

| Sample Id       | Result | Dil. 1 + | Response | Errors          |
|-----------------|--------|----------|----------|-----------------|
| ICV1            | 0.952  | 0.0      | 0.251    |                 |
| ICB1            | 0.084  | 0.0      | 0.052    |                 |
| CCV1            | 0.944  | 0.0      | 0.249    |                 |
| CCB1            | 0.073  | 0.0      | 0.050    |                 |
| PB98475BL       | 0.077  | 0.0      | 0.051    |                 |
| PB98475BS       | 0.954  | 0.0      | 0.252    |                 |
| I2825-01        | 2.857  | 0.0      | 0.687    | Test limit high |
| I2825-01DUP     | 2.839  | 0.0      | 0.683    | Test limit high |
| I2825-01MS      | 3.860  | 0.0      | 0.917    | Test limit high |
| I2825-01MSD     | 3.880  | 0.0      | 0.922    | Test limit high |
| I2828-01        | 3.025  | 0.0      | 0.726    | Test limit high |
| CCV2            | 0.952  | 0.0      | 0.251    |                 |
| CCB2            | 0.098  | 0.0      | 0.056    |                 |
| I2825-01DLX2    | 1.444  | 0.0      | 0.364    |                 |
| I2825-01DUPDLX2 | 1.447  | 0.0      | 0.365    |                 |
| I2825-01MSDLX2  | 1.977  | 0.0      | 0.486    |                 |
| I2825-01MSDDLX2 | 1.972  | 0.0      | 0.485    |                 |
| I2828-01DLX2    | 1.550  | 0.0      | 0.388    |                 |
| CCV3            | 0.963  | 0.0      | 0.254    |                 |
| CCB3            | 0.035  | 0.0      | 0.041    |                 |

N 20  
Mean 1.499  
SD 1.2423  
CV% 82.87

CB 87074

Aquakem v. 7.2AQ1

Results from time period:

Wed Apr 26 13:08:37 2017

AK

Wed Apr 26 15:24:32 2017

| Sample Id       | Sam/Ctr/c/ | Test short  | Test type | Result | Result unit | Result date and time | Stat |
|-----------------|------------|-------------|-----------|--------|-------------|----------------------|------|
| 0.1PPM          | A          | Ammonia-I P |           | 0.1178 | mg/l        | 4/26/2017 13:28:55   |      |
| 0.2PPM          | A          | Ammonia-I P |           | 0.2014 | mg/l        | 4/26/2017 13:28:56   |      |
| 0.4PPM          | A          | Ammonia-I P |           | 0.395  | mg/l        | 4/26/2017 13:28:57   |      |
| 1.0PPM          | A          | Ammonia-I P |           | 0.9811 | mg/l        | 4/26/2017 13:28:58   |      |
| 1.3PPM          | A          | Ammonia-I P |           | 1.319  | mg/l        | 4/26/2017 13:28:59   |      |
| 2.0PPM          | A          | Ammonia-I P |           | 2.019  | mg/l        | 4/26/2017 13:29:00   |      |
| ICV1            | S          | Ammonia-I P |           | 0.9517 | mg/l        | 4/26/2017 14:55:44   |      |
| ICB1            | S          | Ammonia-I P |           | 0.084  | mg/l        | 4/26/2017 14:55:45   |      |
| CCV1            | S          | Ammonia-I P |           | 0.9441 | mg/l        | 4/26/2017 14:55:46   |      |
| CCB1            | S          | Ammonia-I P |           | 0.0734 | mg/l        | 4/26/2017 14:55:47   |      |
| PB98475BL       | S          | Ammonia-I P |           | 0.0766 | mg/l        | 4/26/2017 14:55:48   |      |
| PB98475BS       | S          | Ammonia-I P |           | 0.9543 | mg/l        | 4/26/2017 14:55:49   |      |
| I2825-01        | S          | Ammonia-I P |           | 2.8568 | mg/l        | 4/26/2017 14:55:50   |      |
| I2825-01DUP     | S          | Ammonia-I P |           | 2.8393 | mg/l        | 4/26/2017 14:55:51   |      |
| I2825-01MS      | S          | Ammonia-I P |           | 3.8598 | mg/l        | 4/26/2017 14:55:52   |      |
| I2825-01MSD     | S          | Ammonia-I P |           | 3.88   | mg/l        | 4/26/2017 14:55:53   |      |
| I2828-01        | S          | Ammonia-I P |           | 3.0248 | mg/l        | 4/26/2017 14:55:54   |      |
| CCV2            | S          | Ammonia-I P |           | 0.9522 | mg/l        | 4/26/2017 14:55:55   |      |
| CCB2            | S          | Ammonia-I P |           | 0.098  | mg/l        | 4/26/2017 15:00:38   |      |
| I2825-01DLX2    | S          | Ammonia-I P |           | 1.4439 | mg/l        | 4/26/2017 15:24:26   |      |
| I2825-01DUPDLX2 | S          | Ammonia-I P |           | 1.4474 | mg/l        | 4/26/2017 15:24:27   |      |
| I2825-01MSDLX2  | S          | Ammonia-I P |           | 1.9767 | mg/l        | 4/26/2017 15:24:28   |      |
| I2825-01MSDDLX2 | S          | Ammonia-I P |           | 1.9725 | mg/l        | 4/26/2017 15:24:29   |      |
| I2828-01DLX2    | S          | Ammonia-I P |           | 1.5502 | mg/l        | 4/26/2017 15:24:30   |      |
| CCV3            | S          | Ammonia-I P |           | 0.9633 | mg/l        | 4/26/2017 15:24:31   |      |
| CCB3            | S          | Ammonia-I P |           | 0.0351 | mg/l        | 4/26/2017 15:24:32   |      |

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Calibration results

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284 Sheffield Street,  
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4/26/2017 13:30

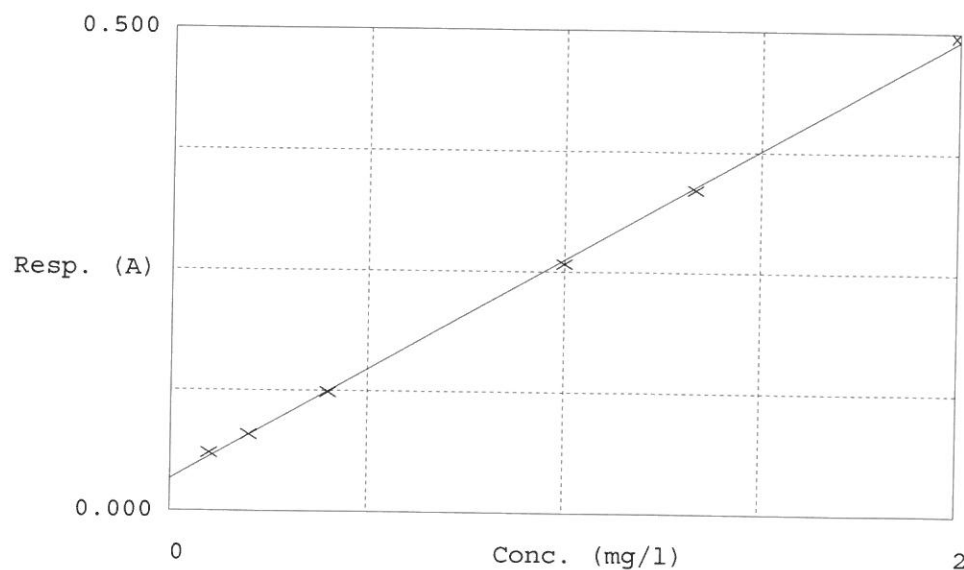
Test Ammonia-N

Accepted 4/26/2017 13:30

Factor 4.368  
Bias 0.033

Coeff. of det. 0.999542

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors |
|---|------------|----------|------------|--------|--------|
| 1 | NH3-2PPM   | 0.060    | 0.1178     | 0.1000 |        |
| 2 | NH3-2PPM   | 0.079    | 0.2014     | 0.2000 |        |
| 3 | NH3-2PPM   | 0.124    | 0.3950     | 0.4000 |        |
| 4 | NH3-2PPM   | 0.258    | 0.9811     | 1.0000 |        |
| 5 | NH3-2PPM   | 0.335    | 1.3190     | 1.3333 |        |
| 6 | NH3-2PPM   | 0.495    | 2.0190     | 2.0000 |        |