

Test results

Aquakem 7.2AQ1

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

2/26/2018 11:15

Test: Ammonia-N *mg/d*

| Sample Id   | Result | Dil. 1 + | Response | Errors |
|-------------|--------|----------|----------|--------|
| ICV1        | 1.038  | 0.0      | 0.208    |        |
| ICB1        | 0.049  | 0.0      | 0.028    |        |
| CCV1        | 1.044  | 0.0      | 0.209    |        |
| CCB1        | 0.053  | 0.0      | 0.029    |        |
| PB106809BL  | 0.063  | 0.0      | 0.030    |        |
| PB106809BS  | 1.038  | 0.0      | 0.208    |        |
| J1161-03    | 0.153  | 0.0      | 0.047    |        |
| J1654-01    | 0.808  | 0.0      | 0.166    |        |
| J1654-01DUP | 0.814  | 0.0      | 0.167    |        |
| PB106810BL  | 0.065  | 0.0      | 0.031    |        |
| PB106810BS  | 1.018  | 0.0      | 0.204    |        |
| J1161-01    | 0.111  | 0.0      | 0.039    |        |
| J1654-01MS  | 1.742  | 0.0      | 0.336    |        |
| J1654-01MSD | 1.660  | 0.0      | 0.321    |        |
| CCV2        | 1.005  | 0.0      | 0.202    |        |
| CCB2        | 0.064  | 0.0      | 0.030    |        |
| J1161-07    | 0.149  | 0.0      | 0.046    |        |
| J1161-09    | 0.172  | 0.0      | 0.050    |        |
| CCV3        | 1.010  | 0.0      | 0.203    |        |
| CCB3        | 0.075  | 0.0      | 0.033    |        |

|      |        |
|------|--------|
| N    | 20     |
| Mean | 0.607  |
| SD   | 0.5698 |
| CV%  | 93.94  |

AS

Aquakem v. 7.2AQ1

Results from time period:

Mon Feb 26 09:11:03 2018

Mon Feb 26 11:12:04 2018

| Sample Id   | Sam/Ctr/c/ | Test short nan | Test type | Result | Result unit | Result date and time | Stat |
|-------------|------------|----------------|-----------|--------|-------------|----------------------|------|
| NH3-2PPM    | A          | Ammonia-N      | P         | 0.117  | mg/l        | 2/26/2018 9:11:03    |      |
| NH3-2PPM    | A          | Ammonia-N      | P         | 0.2093 | mg/l        | 2/26/2018 9:11:04    |      |
| NH3-2PPM    | A          | Ammonia-N      | P         | 0.3876 | mg/l        | 2/26/2018 9:11:05    |      |
| NH3-2PPM    | A          | Ammonia-N      | P         | 0.9792 | mg/l        | 2/26/2018 9:11:06    |      |
| NH3-2PPM    | A          | Ammonia-N      | P         | 1.3206 | mg/l        | 2/26/2018 9:11:07    |      |
| NH3-2PPM    | A          | Ammonia-N      | P         | 2.0196 | mg/l        | 2/26/2018 9:11:08    |      |
| ICV1        | S          | Ammonia-N      | P         | 1.0384 | mg/l        | 2/26/2018 10:14:39   |      |
| ICB1        | S          | Ammonia-N      | P         | 0.0493 | mg/l        | 2/26/2018 10:14:40   |      |
| CCV1        | S          | Ammonia-N      | P         | 1.0438 | mg/l        | 2/26/2018 10:14:41   |      |
| CCB1        | S          | Ammonia-N      | P         | 0.0529 | mg/l        | 2/26/2018 10:14:42   |      |
| PB106809BL  | S          | Ammonia-N      | P         | 0.0633 | mg/l        | 2/26/2018 10:36:56   |      |
| PB106809BS  | S          | Ammonia-N      | P         | 1.0381 | mg/l        | 2/26/2018 10:36:57   |      |
| J1161-03    | S          | Ammonia-N      | P         | 0.1525 | mg/l        | 2/26/2018 10:36:59   |      |
| J1654-01    | S          | Ammonia-N      | P         | 0.8079 | mg/l        | 2/26/2018 10:37:00   |      |
| J1654-01DUP | S          | Ammonia-N      | P         | 0.8143 | mg/l        | 2/26/2018 10:37:01   |      |
| PB106810BL  | S          | Ammonia-N      | P         | 0.0651 | mg/l        | 2/26/2018 10:37:04   |      |
| PB106810BS  | S          | Ammonia-N      | P         | 1.0178 | mg/l        | 2/26/2018 10:37:05   |      |
| J1161-01    | S          | Ammonia-N      | P         | 0.1112 | mg/l        | 2/26/2018 11:11:56   |      |
| J1654-01MS  | S          | Ammonia-N      | P         | 1.7424 | mg/l        | 2/26/2018 11:11:57   |      |
| J1654-01MSD | S          | Ammonia-N      | P         | 1.66   | mg/l        | 2/26/2018 11:11:58   |      |
| CCV2        | S          | Ammonia-N      | P         | 1.0047 | mg/l        | 2/26/2018 11:11:59   |      |
| CCB2        | S          | Ammonia-N      | P         | 0.0637 | mg/l        | 2/26/2018 11:12:00   |      |
| J1161-07    | S          | Ammonia-N      | P         | 0.1494 | mg/l        | 2/26/2018 11:12:01   |      |
| J1161-09    | S          | Ammonia-N      | P         | 0.1719 | mg/l        | 2/26/2018 11:12:02   |      |
| CCV3        | S          | Ammonia-N      | P         | 1.0095 | mg/l        | 2/26/2018 11:12:03   |      |
| CCB3        | S          | Ammonia-N      | P         | 0.0753 | mg/l        | 2/26/2018 11:12:04   |      |

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2/26/2018 9:12

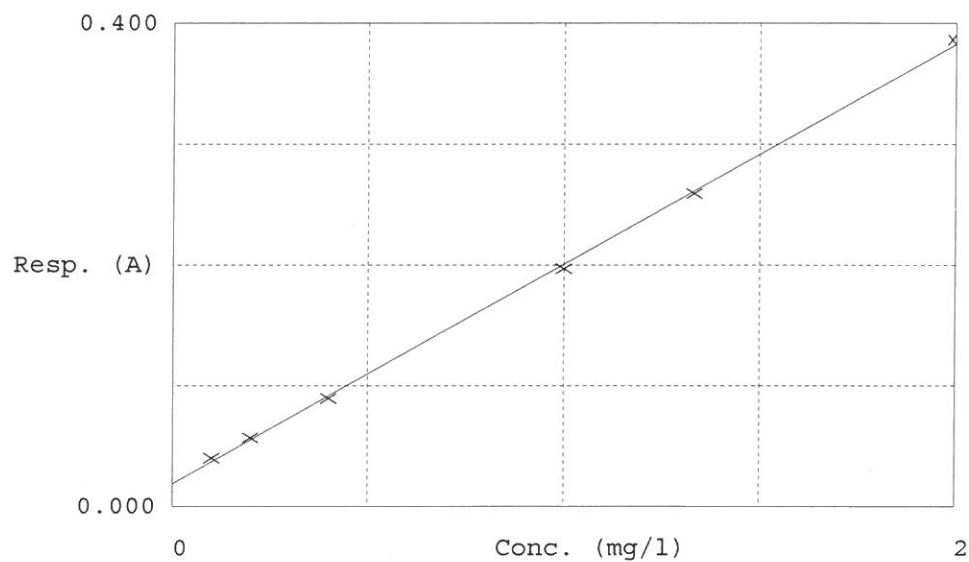
Test Ammonia-N

Accepted 2/26/2018 9:12

Factor 5.496  
Bias 0.019

Coeff. of det. 0.999454

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors |
|---|------------|----------|------------|--------|--------|
| 1 | NH3-2PPM   | 0.040    | 0.1170     | 0.1000 |        |
| 2 | NH3-2PPM   | 0.057    | 0.2093     | 0.2000 |        |
| 3 | NH3-2PPM   | 0.089    | 0.3876     | 0.4000 |        |
| 4 | NH3-2PPM   | 0.197    | 0.9792     | 1.0000 |        |
| 5 | NH3-2PPM   | 0.259    | 1.3206     | 1.3333 |        |
| 6 | NH3-2PPM   | 0.386    | 2.0196     | 2.0000 |        |