

LB135882

Test results

Aquakem 7.2AQ1

Page: 1

CHEMTECH CONSULTING GROUP INC  
284 Sheffield Street, Mountainside, NJ 07092

5/22/2025 12:21

Reviewed by : RH Instrument ID : Konelab

Test: Ammonia-N

| Sample Id   | Result | Dil. 1 + | Response | Errors |
|-------------|--------|----------|----------|--------|
| ICV1        | 1.050  | 0.0      | 0.223    |        |
| ICB1        | 0.019  | 0.0      | 0.024    |        |
| CCV1        | 1.035  | 0.0      | 0.221    |        |
| CCB1        | 0.016  | 0.0      | 0.023    |        |
| RL CHECK    | 0.115  | 0.0      | 0.042    |        |
| PB168128BL  | 0.016  | 0.0      | 0.023    |        |
| PB168128BS  | 1.018  | 0.0      | 0.217    |        |
| Q2085-01    | 0.251  | 0.0      | 0.069    |        |
| Q2085-01DUP | 0.251  | 0.0      | 0.069    |        |
| Q2085-01MS  | 1.197  | 0.0      | 0.252    |        |
| Q2085-01MSD | 1.245  | 0.0      | 0.261    |        |
| Q2085-02    | 0.181  | 0.0      | 0.055    |        |
| Q2085-03    | 0.048  | 0.0      | 0.029    |        |
| Q2085-07    | 0.125  | 0.0      | 0.044    |        |
| CCV2        | 1.000  | 0.0      | 0.214    |        |
| CCB2        | 0.016  | 0.0      | 0.023    |        |
| Q2085-08    | 0.244  | 0.0      | 0.067    |        |
| PB168122BL  | 0.018  | 0.0      | 0.024    |        |
| PB168122BS  | 1.025  | 0.0      | 0.218    |        |
| Q2088-01    | 0.123  | 0.0      | 0.044    |        |
| Q2093-14    | 0.292  | 0.0      | 0.077    |        |
| Q2093-14DUP | 0.289  | 0.0      | 0.076    |        |
| Q2093-14MS  | 1.269  | 0.0      | 0.266    |        |
| Q2093-14MSD | 1.305  | 0.0      | 0.273    |        |
| Q2102-03    | 0.029  | 0.0      | 0.026    |        |
| CCV3        | 1.070  | 0.0      | 0.227    |        |
| CCB3        | 0.018  | 0.0      | 0.024    |        |

115% (50-150)  
05/22/2025  
1217

N 27  
Mean 0.491  
SD 0.5045  
CV% 102.67

Aquakem v. 7.2AQ1

Results from time period:

Thu May 22 10:54:10 2025

Thu May 22 12:16:34 2025

| Sample Id   | Sam/Ctr/c/ | Test short r | Test type | Result | Result unit | Result date and time | Stat |
|-------------|------------|--------------|-----------|--------|-------------|----------------------|------|
| 0.0PPM      | A          | Ammonia-† P  |           | 0.0189 | mg/l        | 5/22/2025 10:54:10   |      |
| 0.1PPM      | A          | Ammonia-† P  |           | 0.1057 | mg/l        | 5/22/2025 10:54:11   |      |
| 0.2PPM      | A          | Ammonia-† P  |           | 0.2045 | mg/l        | 5/22/2025 10:54:12   |      |
| 0.4PPM      | A          | Ammonia-† P  |           | 0.3934 | mg/l        | 5/22/2025 10:54:13   |      |
| 1.0PPM      | A          | Ammonia-† P  |           | 0.9839 | mg/l        | 5/22/2025 10:54:14   |      |
| 1.3PPM      | A          | Ammonia-† P  |           | 1.2882 | mg/l        | 5/22/2025 10:54:15   |      |
| 2.0PPM      | A          | Ammonia-† P  |           | 2.0387 | mg/l        | 5/22/2025 10:54:16   |      |
| ICV1        | S          | Ammonia-† P  |           | 1.0496 | mg/l        | 5/22/2025 11:50:15   |      |
| ICB1        | S          | Ammonia-† P  |           | 0.0187 | mg/l        | 5/22/2025 11:50:16   |      |
| CCV1        | S          | Ammonia-† P  |           | 1.0352 | mg/l        | 5/22/2025 11:50:19   |      |
| CCB1        | S          | Ammonia-† P  |           | 0.0165 | mg/l        | 5/22/2025 11:50:21   |      |
| RL CHECK    | S          | Ammonia-† P  |           | 0.1149 | mg/l        | 5/22/2025 11:50:23   |      |
| PB168128BL  | S          | Ammonia-† P  |           | 0.0164 | mg/l        | 5/22/2025 11:50:24   |      |
| PB168128BS  | S          | Ammonia-† P  |           | 1.0185 | mg/l        | 5/22/2025 12:00:59   |      |
| Q2085-01    | S          | Ammonia-† P  |           | 0.2514 | mg/l        | 5/22/2025 12:01:00   |      |
| Q2085-01DUP | S          | Ammonia-† P  |           | 0.2508 | mg/l        | 5/22/2025 12:01:01   |      |
| Q2085-01MS  | S          | Ammonia-† P  |           | 1.1969 | mg/l        | 5/22/2025 12:01:02   |      |
| Q2085-01MSD | S          | Ammonia-† P  |           | 1.2449 | mg/l        | 5/22/2025 12:01:03   |      |
| Q2085-02    | S          | Ammonia-† P  |           | 0.1814 | mg/l        | 5/22/2025 12:01:04   |      |
| Q2085-03    | S          | Ammonia-† P  |           | 0.0484 | mg/l        | 5/22/2025 12:01:05   |      |
| Q2085-07    | S          | Ammonia-† P  |           | 0.1253 | mg/l        | 5/22/2025 12:01:06   |      |
| CCV2        | S          | Ammonia-† P  |           | 0.9998 | mg/l        | 5/22/2025 12:01:07   |      |
| CCB2        | S          | Ammonia-† P  |           | 0.0164 | mg/l        | 5/22/2025 12:01:08   |      |
| Q2085-08    | S          | Ammonia-† P  |           | 0.244  | mg/l        | 5/22/2025 12:01:09   |      |
| PB168122BL  | S          | Ammonia-† P  |           | 0.0179 | mg/l        | 5/22/2025 12:11:41   |      |
| PB168122BS  | S          | Ammonia-† P  |           | 1.0247 | mg/l        | 5/22/2025 12:11:42   |      |
| Q2088-01    | S          | Ammonia-† P  |           | 0.1228 | mg/l        | 5/22/2025 12:11:43   |      |
| Q2093-14    | S          | Ammonia-† P  |           | 0.2924 | mg/l        | 5/22/2025 12:11:44   |      |
| Q2093-14DUP | S          | Ammonia-† P  |           | 0.289  | mg/l        | 5/22/2025 12:11:45   |      |
| Q2093-14MS  | S          | Ammonia-† P  |           | 1.2694 | mg/l        | 5/22/2025 12:11:46   |      |
| Q2093-14MSD | S          | Ammonia-† P  |           | 1.3046 | mg/l        | 5/22/2025 12:11:47   |      |
| Q2102-03    | S          | Ammonia-† P  |           | 0.0289 | mg/l        | 5/22/2025 12:11:48   |      |
| CCV3        | S          | Ammonia-† P  |           | 1.0697 | mg/l        | 5/22/2025 12:11:49   |      |
| CCB3        | S          | Ammonia-† P  |           | 0.0185 | mg/l        | 5/22/2025 12:11:50   |      |

Calibration results

Aquakem 7.2AQ1

Page: 1

CHEMTECH CONSULTING GROUP INC  
284 Sheffield Street, Mountainside, NJ 07092

5/22/2025 10:55

Reviewed by : RM

Instrument ID : Konelab

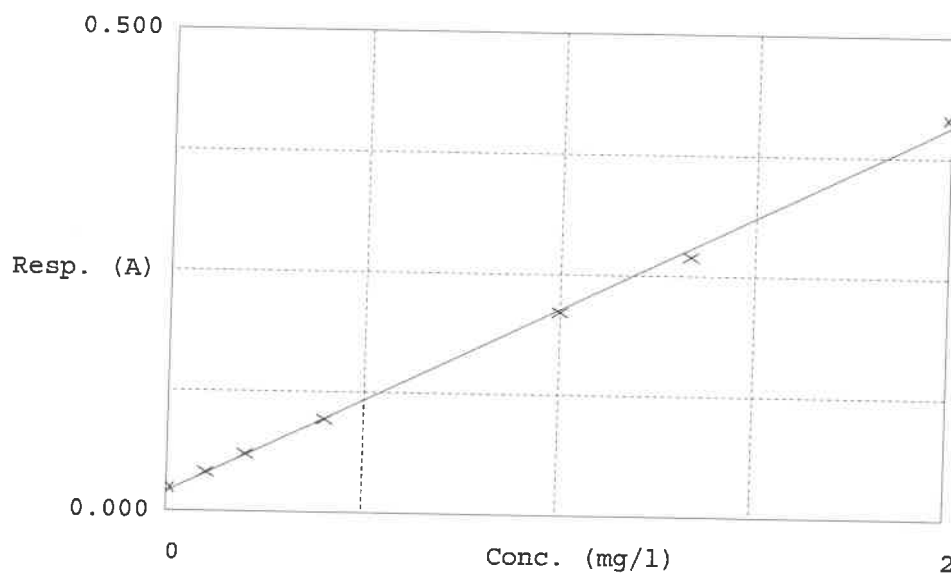
Test Ammonia-N

Accepted 5/22/2025 10:55

Factor 5.165  
Bias 0.020

Coeff. of det. 0.998740

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors |
|---|------------|----------|------------|--------|--------|
| 1 | 0.00PPM    | 0.024    | 0.0189     | 0.0000 | -      |
| 2 | NH3-2PPM   | 0.041    | 0.1057     | 0.1000 | 5.7    |
| 3 | NH3-2PPM   | 0.060    | 0.2045     | 0.2000 | 2.2    |
| 4 | NH3-2PPM   | 0.096    | 0.3934     | 0.4000 | -1.7   |
| 5 | NH3-2PPM   | 0.211    | 0.9839     | 1.0000 | -1.6   |
| 6 | NH3-2PPM   | 0.270    | 1.2882     | 1.3333 | -0.9   |
| 7 | NH3-2PPM   | 0.415    | 2.0387     | 2.0000 | 1.9    |

05/22/2025  
RM