

2613710

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

9/8/2025 13:00

Test: Ammonia-N

| Sample Id     | Result | Dil. 1 + | Response | Errors          |
|---------------|--------|----------|----------|-----------------|
| ICV1          | 0.996  | 0.0      | 0.209    |                 |
| ICB1          | 0.015  | 0.0      | 0.019    |                 |
| CCV1          | 0.991  | 0.0      | 0.208    |                 |
| CCB1          | 0.014  | 0.0      | 0.019    |                 |
| RL CHECK      | 0.093  | 0.0      | 0.034    |                 |
| PB169587BL    | 0.012  | 0.0      | 0.019    |                 |
| PB169587BS    | 0.995  | 0.0      | 0.209    |                 |
| Q3020-01      | 0.304  | 0.0      | 0.075    |                 |
| Q3020-01DUP   | 0.303  | 0.0      | 0.075    |                 |
| Q3020-01MS    | 1.192  | 0.0      | 0.247    |                 |
| Q3020-01MSD   | 1.190  | 0.0      | 0.247    |                 |
| Q3022-01      | 5.242  | 0.0      | 1.032    | Test limit high |
| Q3025-01      | 0.711  | 0.0      | 0.154    |                 |
| Q3025-03      | 0.880  | 0.0      | 0.187    |                 |
| CCV2          | 1.002  | 0.0      | 0.210    |                 |
| CCB2          | 0.015  | 0.0      | 0.019    |                 |
| Q3025-05      | 0.562  | 0.0      | 0.125    |                 |
| Q3028-01      | 8.441  | 0.0      | 1.651    | Test limit high |
| Q3028-05      | 6.526  | 0.0      | 1.280    | Test limit high |
| Q2893-07      | 0.097  | 0.0      | 0.035    |                 |
| Q2893-08      | 0.112  | 0.0      | 0.038    |                 |
| PB169602BL    | 0.018  | 0.0      | 0.020    |                 |
| PB169602BS    | 0.996  | 0.0      | 0.209    |                 |
| Q2893-01      | 0.096  | 0.0      | 0.035    |                 |
| Q2893-02      | 0.108  | 0.0      | 0.037    |                 |
| CCV3          | 1.006  | 0.0      | 0.211    |                 |
| CCB3          | 0.016  | 0.0      | 0.019    |                 |
| Q3022-01DLX5  | 1.024  | 0.0      | 0.214    |                 |
| Q3028-01DLX10 | 0.807  | 0.0      | 0.172    |                 |
| Q3028-05DLX5  | 1.216  | 0.0      | 0.252    |                 |
| CCV4          | 1.001  | 0.0      | 0.210    |                 |
| CCB4          | 0.013  | 0.0      | 0.019    |                 |

93% (50-150) 09/08/2025 RM

N 32  
Mean 1.125  
SD 1.9315  
CV% 171.71

Aquakem v. 7.2AQ1

Results from time period:

Mon Sep 08 10:38:17 2025

Mon Sep 08 12:58:41 2025

| Sample Id     | Sam/Ctr/c/ | Test short r | Test type | Result | Result unit | Result date and time | Stat |
|---------------|------------|--------------|-----------|--------|-------------|----------------------|------|
| 0.0PPM        | A          | Ammonia-† P  |           | 0.0169 | mg/l        | 9/8/2025 10:38:17    |      |
| 0.1PPM        | A          | Ammonia-† P  |           | 0.1101 | mg/l        | 9/8/2025 10:38:18    |      |
| 0.2PPM        | A          | Ammonia-† P  |           | 0.2029 | mg/l        | 9/8/2025 10:38:19    |      |
| 0.4PPM        | A          | Ammonia-† P  |           | 0.3947 | mg/l        | 9/8/2025 10:38:20    |      |
| 1.0PPM        | A          | Ammonia-† P  |           | 0.9965 | mg/l        | 9/8/2025 10:38:21    |      |
| 1.3PPM        | A          | Ammonia-† P  |           | 1.2642 | mg/l        | 9/8/2025 10:38:22    |      |
| 2.0PPM        | A          | Ammonia-† P  |           | 2.0481 | mg/l        | 9/8/2025 10:38:23    |      |
| ICV1          | S          | Ammonia-† P  |           | 0.9964 | mg/l        | 9/8/2025 11:52:32    |      |
| ICB1          | S          | Ammonia-† P  |           | 0.0151 | mg/l        | 9/8/2025 11:52:35    |      |
| CCV1          | S          | Ammonia-† P  |           | 0.9914 | mg/l        | 9/8/2025 11:52:37    |      |
| CCB1          | S          | Ammonia-† P  |           | 0.0143 | mg/l        | 9/8/2025 11:52:39    |      |
| RL CHECK      | S          | Ammonia-† P  |           | 0.0929 | mg/l        | 9/8/2025 11:52:43    |      |
| PB169587BL    | S          | Ammonia-† P  |           | 0.0124 | mg/l        | 9/8/2025 12:03:16    |      |
| PB169587BS    | S          | Ammonia-† P  |           | 0.9954 | mg/l        | 9/8/2025 12:03:19    |      |
| Q3020-01      | S          | Ammonia-† P  |           | 0.3043 | mg/l        | 9/8/2025 12:03:20    |      |
| Q3020-01DUP   | S          | Ammonia-† P  |           | 0.3032 | mg/l        | 9/8/2025 12:03:23    |      |
| Q3020-01MS    | S          | Ammonia-† P  |           | 1.1925 | mg/l        | 9/8/2025 12:03:24    |      |
| Q3020-01MSD   | S          | Ammonia-† P  |           | 1.1902 | mg/l        | 9/8/2025 12:03:25    |      |
| Q3022-01      | S          | Ammonia-† P  |           | 5.2421 | mg/l        | 9/8/2025 12:14:00    |      |
| Q3025-01      | S          | Ammonia-† P  |           | 0.7105 | mg/l        | 9/8/2025 12:14:01    |      |
| Q3025-03      | S          | Ammonia-† P  |           | 0.8799 | mg/l        | 9/8/2025 12:14:02    |      |
| CCV2          | S          | Ammonia-† P  |           | 1.0023 | mg/l        | 9/8/2025 12:14:04    |      |
| CCB2          | S          | Ammonia-† P  |           | 0.0154 | mg/l        | 9/8/2025 12:14:06    |      |
| Q3025-05      | S          | Ammonia-† P  |           | 0.562  | mg/l        | 9/8/2025 12:14:07    |      |
| Q3028-01      | S          | Ammonia-† P  |           | 8.441  | mg/l        | 9/8/2025 12:14:08    |      |
| Q3028-05      | S          | Ammonia-† P  |           | 6.5257 | mg/l        | 9/8/2025 12:14:09    |      |
| Q2893-07      | S          | Ammonia-† P  |           | 0.0966 | mg/l        | 9/8/2025 12:14:11    |      |
| Q2893-08      | S          | Ammonia-† P  |           | 0.1121 | mg/l        | 9/8/2025 12:24:45    |      |
| PB169602BL    | S          | Ammonia-† P  |           | 0.018  | mg/l        | 9/8/2025 12:24:46    |      |
| PB169602BS    | S          | Ammonia-† P  |           | 0.9957 | mg/l        | 9/8/2025 12:24:48    |      |
| Q2893-01      | S          | Ammonia-† P  |           | 0.096  | mg/l        | 9/8/2025 12:24:50    |      |
| Q2893-02      | S          | Ammonia-† P  |           | 0.1083 | mg/l        | 9/8/2025 12:24:52    |      |
| CCV3          | S          | Ammonia-† P  |           | 1.0056 | mg/l        | 9/8/2025 12:33:11    |      |
| CCB3          | S          | Ammonia-† P  |           | 0.0158 | mg/l        | 9/8/2025 12:33:13    |      |
| Q3022-01DLX5  | S          | Ammonia-† P  |           | 1.024  | mg/l        | 9/8/2025 12:58:32    |      |
| Q3028-01DLX10 | S          | Ammonia-† P  |           | 0.8071 | mg/l        | 9/8/2025 12:58:35    |      |
| Q3028-05DLX5  | S          | Ammonia-† P  |           | 1.2155 | mg/l        | 9/8/2025 12:58:36    |      |
| CCV4          | S          | Ammonia-† P  |           | 1.0006 | mg/l        | 9/8/2025 12:58:39    |      |
| CCB4          | S          | Ammonia-† P  |           | 0.0128 | mg/l        | 9/8/2025 12:58:41    |      |

Calibration results

Aquakem 7.2AQ1

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Alliance Technical Group  
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

9/8/2025 10:56

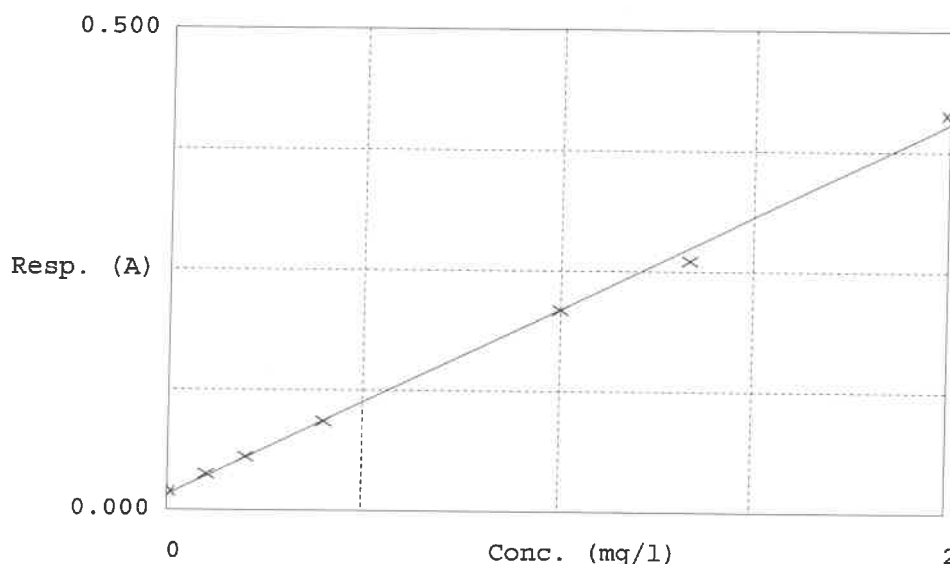
Test Ammonia-N

Accepted 9/8/2025 10:56

Factor 5.163  
Bias 0.016

Coeff. of det. 0.997772

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors |
|---|------------|----------|------------|--------|--------|
| 1 | 0.00PPM    | 0.019    | 0.0169     | 0.0000 | -      |
| 2 | NH3-2PPM   | 0.037    | 0.1101     | 0.1000 | 10.1   |
| 3 | NH3-2PPM   | 0.055    | 0.2029     | 0.2000 | 1.4    |
| 4 | NH3-2PPM   | 0.093    | 0.3947     | 0.4000 | -1.3   |
| 5 | NH3-2PPM   | 0.209    | 0.9965     | 1.0000 | -0.3   |
| 6 | NH3-2PPM   | 0.261    | 1.2642     | 1.3333 | -2.8   |
| 7 | NH3-2PPM   | 0.413    | 2.0481     | 2.0000 | 2.4    |

09/08/2025  
RM