

LB13721

Test results

Aquakem 7.2AQ1

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Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

9/17/2025 13:34

Test: TKN-NH3

| Sample Id  | Result | Dil. 1 + | Response | Errors |
|------------|--------|----------|----------|--------|
| ICV1       | 5.011  | 0.0      | 1.019    |        |
| ICB1       | 0.094  | 0.0      | 0.018    |        |
| CCV1       | 4.820  | 0.0      | 0.980    |        |
| CCB1       | 0.089  | 0.0      | 0.017    |        |
| RL CHECK   | 0.471  | 0.0      | 0.095    |        |
| PB169715BL | 0.092  | 0.0      | 0.017    |        |
| PB169715BS | 5.088  | 0.0      | 1.034    |        |
| Q2893-09   | 0.318  | 0.0      | 0.063    |        |
| Q3019-13   | 9.791  | 0.0      | 1.992    |        |
| PB169714BL | 0.096  | 0.0      | 0.018    |        |
| PB169714BS | 5.108  | 0.0      | 1.039    |        |
| Q2893-03   | 0.326  | 0.0      | 0.065    |        |
| CCV2       | 5.150  | 0.0      | 1.047    |        |
| CCB2       | 0.099  | 0.0      | 0.019    |        |
| N          | 14     |          |          |        |
| Mean       | 2.611  |          |          |        |
| SD         | 3.1348 |          |          |        |
| CV%        | 120.07 |          |          |        |

94% (50-150)

09/17/2025  
RM

Aquakem v. 7.2AQ1

Results from time period:

Wed Sep 17 11:42:23 2025

Wed Sep 17 12:55:01 2025

| Sample Id  | Sam/Ctr/c | Test short r | Test type | Result  | Result unit | Result date and time | Stat |
|------------|-----------|--------------|-----------|---------|-------------|----------------------|------|
| 0.0PPM     | A         | TKN-NH3      | P         | 0.1154  | mg/l        | 9/17/2025 11:42:23   |      |
| 0.5PPM     | A         | TKN-NH3      | P         | 0.5289  | mg/l        | 9/17/2025 11:42:24   |      |
| 1.0PPM     | A         | TKN-NH3      | P         | 0.997   | mg/l        | 9/17/2025 11:42:25   |      |
| 2.5PPM     | A         | TKN-NH3      | P         | 2.4274  | mg/l        | 9/17/2025 11:42:26   |      |
| 5.0PPM     | A         | TKN-NH3      | P         | 4.8682  | mg/l        | 9/17/2025 11:42:27   |      |
| 6.7PPM     | A         | TKN-NH3      | P         | 6.6071  | mg/l        | 9/17/2025 11:42:28   |      |
| 10.0PPM    | A         | TKN-NH3      | P         | 10.1226 | mg/l        | 9/17/2025 11:42:29   |      |
| ICV1       | S         | TKN-NH3      | P         | 5.0112  | mg/l        | 9/17/2025 12:27:29   |      |
| ICB1       | S         | TKN-NH3      | P         | 0.0937  | mg/l        | 9/17/2025 12:27:30   |      |
| CCV1       | S         | TKN-NH3      | P         | 4.8202  | mg/l        | 9/17/2025 12:27:32   |      |
| CCB1       | S         | TKN-NH3      | P         | 0.0885  | mg/l        | 9/17/2025 12:27:35   |      |
| RL CHECK   | S         | TKN-NH3      | P         | 0.4707  | mg/l        | 9/17/2025 12:27:38   |      |
| PB169715BL | S         | TKN-NH3      | P         | 0.092   | mg/l        | 9/17/2025 12:38:12   |      |
| PB169715BS | S         | TKN-NH3      | P         | 5.0878  | mg/l        | 9/17/2025 12:38:15   |      |
| Q2893-09   | S         | TKN-NH3      | P         | 0.3176  | mg/l        | 9/17/2025 12:38:16   |      |
| Q3019-13   | S         | TKN-NH3      | P         | 9.7907  | mg/l        | 9/17/2025 12:38:19   |      |
| PB169714BL | S         | TKN-NH3      | P         | 0.0962  | mg/l        | 9/17/2025 12:49:00   |      |
| PB169714BS | S         | TKN-NH3      | P         | 5.1079  | mg/l        | 9/17/2025 12:49:02   |      |
| Q2893-03   | S         | TKN-NH3      | P         | 0.3256  | mg/l        | 9/17/2025 12:49:05   |      |
| CCV2       | S         | TKN-NH3      | P         | 5.1498  | mg/l        | 9/17/2025 12:54:58   |      |
| CCB2       | S         | TKN-NH3      | P         | 0.099   | mg/l        | 9/17/2025 12:55:00   |      |

Calibration results

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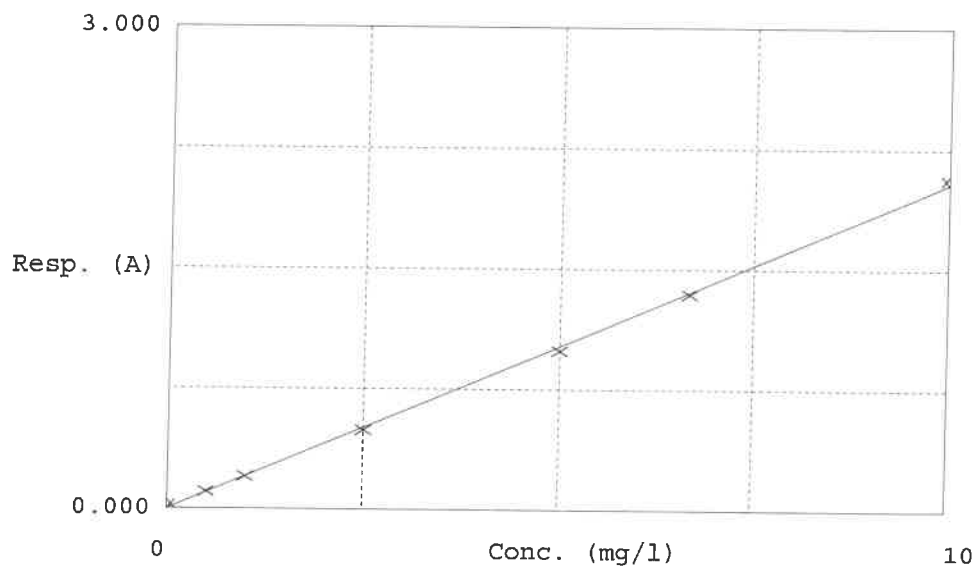
Test TKN-NH3

Accepted 9/17/2025 11:49

Factor 4.912  
Bias -0.001

Coeff. of det. 0.999332

Errors



|   | Calibrator | Response | Calc. con. | Conc.   | Errors |
|---|------------|----------|------------|---------|--------|
| 1 | 0.00PPM    | 0.022    | 0.1154     | 0.0000  | -      |
| 2 | TKN-10     | 0.106    | 0.5289     | 0.5000  | 5.8    |
| 3 | TKN-10     | 0.202    | 0.9970     | 1.0000  | -0.3   |
| 4 | TKN-10     | 0.493    | 2.4274     | 2.5000  | -2.9   |
| 5 | TKN-10     | 0.990    | 4.8682     | 5.0000  | -2.6   |
| 6 | TKN-10     | 1.344    | 6.6071     | 6.6667  | -1.4   |
| 7 | TKN-10     | 2.059    | 10.1226    | 10.0000 | 1.2    |

09/17/2025  
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