

Test results

Aquakem 7.2AQ1

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

2/7/2025 15:55

Reviewed by : RM

Instrument ID : Konelab

Test: TKN-NH3

| Sample Id  | Result | Dil. 1 + | Response | Errors |
|------------|--------|----------|----------|--------|
| ICV1       | 4.564  | 0.0      | 0.677    |        |
| ICB1       | 0.051  | 0.0      | 0.016    |        |
| CCV1       | 4.883  | 0.0      | 0.724    |        |
| CCB1       | 0.050  | 0.0      | 0.015    |        |
| RL CHECK   | 0.483  | 0.0      | 0.079    |        |
| PB166559BL | 0.043  | 0.0      | 0.014    |        |
| PB166559BS | 4.928  | 0.0      | 0.730    |        |
| Q1168-07   | 0.275  | 0.0      | 0.048    |        |
| Q1168-08   | 0.514  | 0.0      | 0.084    |        |
| Q1282-01   | 0.614  | 0.0      | 0.098    |        |
| PB166560BL | 0.052  | 0.0      | 0.016    |        |
| PB166560BS | 4.882  | 0.0      | 0.724    |        |
| Q1168-01   | 0.279  | 0.0      | 0.049    |        |
| Q1168-02   | 0.518  | 0.0      | 0.084    |        |
| CCV2       | 4.907  | 0.0      | 0.727    |        |
| CCB2       | 0.060  | 0.0      | 0.017    |        |

96% (50-150)

02/07/2025  
RM

N 16  
Mean 1.694  
SD 2.1950  
CV% 129.59

Aquakem v. 7.2AQ1

Results from time period:

Fri Feb 07 14:21:20 2025

Fri Feb 07 15:50:02 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         | 0.059  | mg/l        | 2/7/2025 14:21:20    |      |
| 0.5PPM     | A          | TKN-NH3      | P         | 0.5079 | mg/l        | 2/7/2025 14:21:21    |      |
| 1.0PPM     | A          | TKN-NH3      | P         | 0.9384 | mg/l        | 2/7/2025 14:21:22    |      |
| 2.5PPM     | A          | TKN-NH3      | P         | 2.5083 | mg/l        | 2/7/2025 14:21:23    |      |
| 5.0PPM     | A          | TKN-NH3      | P         | 4.9095 | mg/l        | 2/7/2025 14:21:24    |      |
| 6.7PPM     | A          | TKN-NH3      | P         | 6.7509 | mg/l        | 2/7/2025 14:21:25    |      |
| 10.0PPM    | A          | TKN-NH3      | P         | 9.9928 | mg/l        | 2/7/2025 14:21:26    |      |
| ICV1       | S          | TKN-NH3      | P         | 4.5636 | mg/l        | 2/7/2025 15:12:57    |      |
| ICB1       | S          | TKN-NH3      | P         | 0.0514 | mg/l        | 2/7/2025 15:12:59    |      |
| CCV1       | S          | TKN-NH3      | P         | 4.8826 | mg/l        | 2/7/2025 15:13:01    |      |
| CCB1       | S          | TKN-NH3      | P         | 0.0498 | mg/l        | 2/7/2025 15:13:03    |      |
| RL CHECK   | S          | TKN-NH3      | P         | 0.4826 | mg/l        | 2/7/2025 15:13:06    |      |
| PB166559BL | S          | TKN-NH3      | P         | 0.0433 | mg/l        | 2/7/2025 15:13:07    |      |
| PB166559BS | S          | TKN-NH3      | P         | 4.928  | mg/l        | 2/7/2025 15:23:42    |      |
| Q1168-07   | S          | TKN-NH3      | P         | 0.2745 | mg/l        | 2/7/2025 15:23:43    |      |
| Q1168-08   | S          | TKN-NH3      | P         | 0.5144 | mg/l        | 2/7/2025 15:23:49    |      |
| Q1282-01   | S          | TKN-NH3      | P         | 0.6135 | mg/l        | 2/7/2025 15:34:27    |      |
| PB166560BL | S          | TKN-NH3      | P         | 0.0519 | mg/l        | 2/7/2025 15:34:29    |      |
| PB166560BS | S          | TKN-NH3      | P         | 4.8819 | mg/l        | 2/7/2025 15:34:32    |      |
| Q1168-01   | S          | TKN-NH3      | P         | 0.2786 | mg/l        | 2/7/2025 15:34:34    |      |
| Q1168-02   | S          | TKN-NH3      | P         | 0.5177 | mg/l        | 2/7/2025 15:45:10    |      |
| CCV2       | S          | TKN-NH3      | P         | 4.9073 | mg/l        | 2/7/2025 15:45:16    |      |
| CCB2       | S          | TKN-NH3      | P         | 0.06   | mg/l        | 2/7/2025 15:45:18    |      |

Calibration results

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2/7/2025 14:34

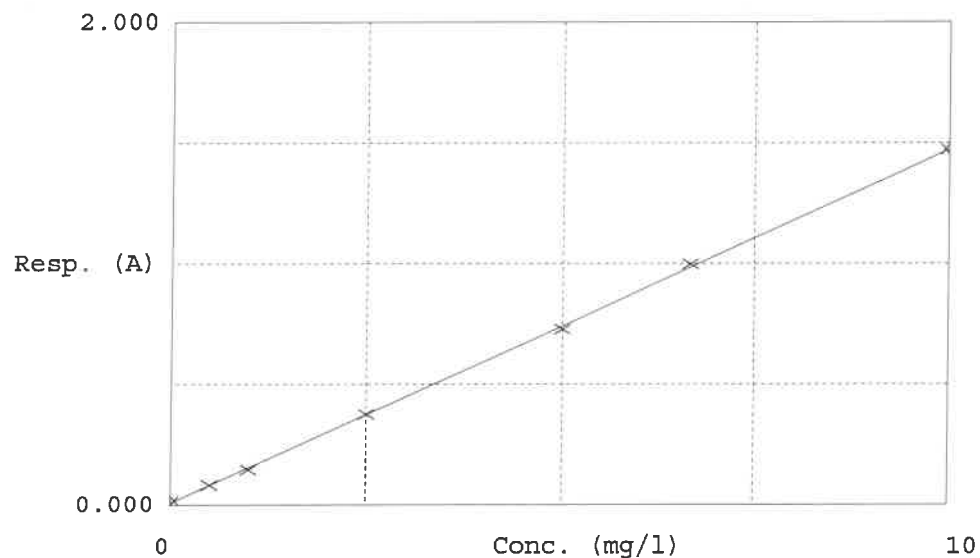
Test TKN-NH3

Accepted 2/7/2025 14:34

Factor 6.823  
Bias 0.008

Coeff. of det. 0.999726

Errors



|   | Calibrator | Response | Calc. con. | Conc.   | Errors |
|---|------------|----------|------------|---------|--------|
| 1 | 0.00PPM    | 0.017    | 0.0590     | 0.0000  | 1.6    |
| 2 | TKN-10     | 0.083    | 0.5079     | 0.5000  | -6.2   |
| 3 | TKN-10     | 0.146    | 0.9384     | 1.0000  | 0.3    |
| 4 | TKN-10     | 0.376    | 2.5083     | 2.5000  | -1.8   |
| 5 | TKN-10     | 0.728    | 4.9095     | 5.0000  | 0.8    |
| 6 | TKN-10     | 0.997    | 6.7509     | 6.6667  | -0.1   |
| 7 | TKN-10     | 1.473    | 9.9928     | 10.0000 |        |

02/07/2025  
RM