LB134920

Test results | Aquakem 7.2AQ1 | Page: 1

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

3/6/2025 11:22 | Reviewed by : RM | Instrument ID : Konelab

Test: Ammonia-N

| Sample Id | Result | Dil. 1 + | Response | Errors |
|---|---|---|---|---|
| ICV1 | 0.996 | 0.0 | 0.154 | |
| ICB1 | 0.003 | 0.0 | 0.019 | |
| CCV1 | 0.952 | 0.0 | 0.148 | |
| CCB1 | 0.007 | 0.0 | 0.019 | |
| RL CHECK | 0.102 | 0.0 | 0.032 | 102% (50-150) 03/06/2025 RM |
| PB166997BL | 0.016 | 0.0 | 0.021 | |
| PB166997BS | 0.989 | 0.0 | 0.153 | |
| Q1466-01 | 16.460 | 0.0 | 2.257 | Test limit high |
| Q1480-33 | 6.161 | 0.0 | 0.856 | Test limit high |
| Q1494-01 | 0.237 | 0.0 | 0.051 | |
| Q1494-01DUP | 0.236 | 0.0 | 0.050 | |
| Q1494-01MS | 1.252 | 0.0 | 0.189 | |
| Q1494-01MSD | 1.244 | 0.0 | 0.188 | |
| Q1495-01 | 5.358 | 0.0 | 0.747 | Test limit high |
| CCV2 | 0.990 | 0.0 | 0.153 | |
| CCB2 | 0.026 | 0.0 | 0.022 | |
| Q1495-02 | 5.480 | 0.0 | 0.764 | Test limit high |
| CCV3 | 0.981 | 0.0 | 0.152 | |
| CCB3 | 0.015 | 0.0 | 0.020 | |
| Q1466-01DLX10 | 1.627 | 0.0 | 0.240 | |
| Q1495-01DLX5 | 1.026 | 0.0 | 0.158 | |
| Q1495-02DLX5 | 1.069 | 0.0 | 0.164 | |
| Q1480-33DLX5 | 1.238 | 0.0 | 0.187 | |
| CCV4 | 1.018 | 0.0 | 0.157 | |
| CCB4 | 0.013 | 0.0 | 0.020 | |

| | |
|---|---|
| N | 25 |
| Mean | 1.900 |
| SD | 3.4932 |
| CV% | 183.87 |

Aquakem v. 7.2AQ1
Results from time period:
Thu Mar 06 09:13:05 2025
Thu Mar 06 11:17:12 2025

| Sample Id | Sam/Ctr/cA | Test short r | Test type | Result | Result unit | Result date and time | Stat |
|---|---|---|---|---|---|---|---|
| 0.0PPM | A | Ammonia-N | P | 0.0212 | mg/l | 3/6/2025 9:13:05 | |
| 0.1PPM | A | Ammonia-N | P | 0.1171 | mg/l | 3/6/2025 9:13:06 | |
| 0.2PPM | A | Ammonia-N | P | 0.2165 | mg/l | 3/6/2025 9:13:07 | |
| 0.4PPM | A | Ammonia-N | P | 0.3709 | mg/l | 3/6/2025 9:13:08 | |
| 1.0PPM | A | Ammonia-N | P | 0.9697 | mg/l | 3/6/2025 9:13:09 | |
| 1.3PPM | A | Ammonia-N | P | 1.2918 | mg/l | 3/6/2025 9:13:10 | |
| 2.0PPM | A | Ammonia-N | P | 2.0462 | mg/l | 3/6/2025 9:13:11 | |
| ICV1 | S | Ammonia-N | P | 0.9962 | mg/l | 3/6/2025 9:58:52 | |
| ICB1 | S | Ammonia-N | P | 0.0029 | mg/l | 3/6/2025 9:58:54 | |
| CCV1 | S | Ammonia-N | P | 0.9518 | mg/l | 3/6/2025 9:58:56 | |
| CCB1 | S | Ammonia-N | P | 0.0074 | mg/l | 3/6/2025 9:58:59 | |
| RL CHECK | S | Ammonia-N | P | 0.1022 | mg/l | 3/6/2025 9:59:00 | |
| PB166997BL | S | Ammonia-N | P | 0.0158 | mg/l | 3/6/2025 9:59:03 | |
| PB166997BS | S | Ammonia-N | P | 0.9885 | mg/l | 3/6/2025 10:09:36 | |
| Q1466-01 | S | Ammonia-N | P | 16.4597 | mg/l | 3/6/2025 10:09:38 | |
| Q1480-33 | S | Ammonia-N | P | 6.1612 | mg/l | 3/6/2025 10:09:40 | |
| Q1494-01 | S | Ammonia-N | P | 0.2372 | mg/l | 3/6/2025 10:09:45 | |
| Q1494-01DUP | S | Ammonia-N | P | 0.2361 | mg/l | 3/6/2025 10:09:47 | |
| Q1494-01MS | S | Ammonia-N | P | 1.2515 | mg/l | 3/6/2025 10:20:19 | |
| Q1494-01MSD | S | Ammonia-N | P | 1.2445 | mg/l | 3/6/2025 10:20:20 | |
| Q1495-01 | S | Ammonia-N | P | 5.3576 | mg/l | 3/6/2025 10:20:21 | |
| CCV2 | S | Ammonia-N | P | 0.9904 | mg/l | 3/6/2025 10:20:22 | |
| CCB2 | S | Ammonia-N | P | 0.0256 | mg/l | 3/6/2025 10:20:25 | |
| Q1495-02 | S | Ammonia-N | P | 5.48 | mg/l | 3/6/2025 10:20:26 | |
| CCV3 | S | Ammonia-N | P | 0.9806 | mg/l | 3/6/2025 10:20:28 | |
| CCB3 | S | Ammonia-N | P | 0.0154 | mg/l | 3/6/2025 10:23:34 | |
| Q1466-01DLX10 | S | Ammonia-N | P | 1.6265 | mg/l | 3/6/2025 10:48:05 | |
| Q1495-01DLX5 | S | Ammonia-N | P | 1.0258 | mg/l | 3/6/2025 10:48:06 | |
| Q1495-02DLX5 | S | Ammonia-N | P | 1.0691 | mg/l | 3/6/2025 10:48:08 | |
| Q1480-33DLX5 | S | Ammonia-N | P | 1.2381 | mg/l | 3/6/2025 11:17:07 | |
| CCV4 | S | Ammonia-N | P | 1.0175 | mg/l | 3/6/2025 11:17:09 | |
| CCB4 | S | Ammonia-N | P | 0.0131 | mg/l | 3/6/2025 11:17:12 | |

Calibration results — Aquakem 7.2AQ1 — Page: 1

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

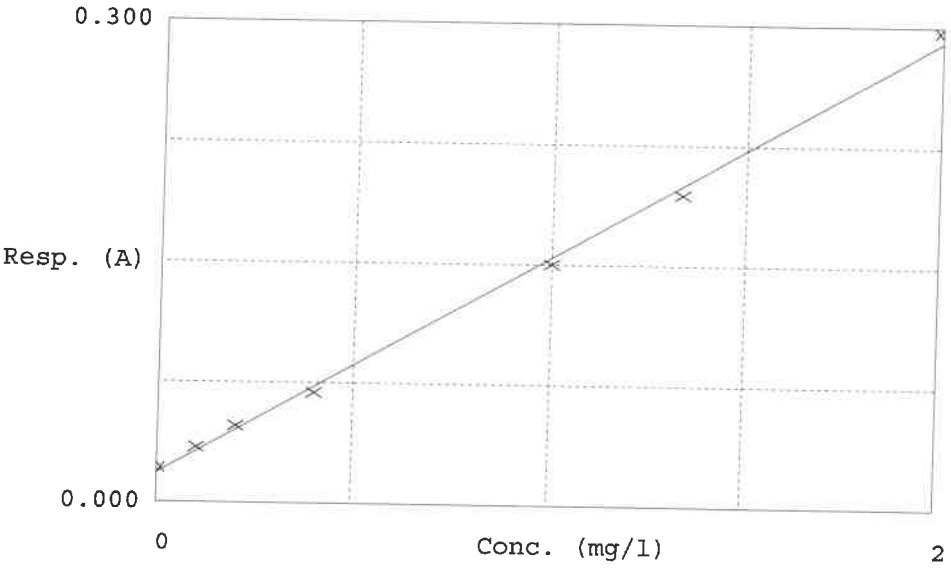
Reviewed by : RM — Instrument ID : Konelab

3/6/2025 9:18

Test Ammonia-N

| | | |
|---|---|---|
| Accepted | 3/6/2025 | 9:18 |
| Factor | 7.353 | |
| Bias | 0.018 | |
| Coeff. of det. | 0.998034 | |

Errors




| | Calibrator | Response | Calc. con. | Conc. | Errors |
|---|---|---|---|---|---|
| 1 | 0.00PPM | 0.021 | 0.0212 | 0.0000 | |
| 2 | NH3-2PPM | 0.034 | 0.1171 | 0.1000 | 17.1 |
| 3 | NH3-2PPM | 0.048 | 0.2165 | 0.2000 | 8.2 |
| 4 | NH3-2PPM | 0.069 | 0.3709 | 0.4000 | -7.3 |
| 5 | NH3-2PPM | 0.150 | 0.9697 | 1.0000 | -3.0 |
| 6 | NH3-2PPM | 0.194 | 1.2918 | 1.3333 | -0.6 |
| 7 | NH3-2PPM | 0.297 | 2.0462 | 2.0000 | 2.3 |

RR

03/06/2025
RM