

LB127990

Test results

Aquakem 7.2AQ1

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

Reviewed by : RM Instrument ID : Konelab

10/26/2023 13:41

Test: Ammonia-N

| Sample Id    | <sup>ug/l</sup> Result | Dil. 1 + | Response | Errors          |
|--------------|------------------------|----------|----------|-----------------|
| ICV1         | 1.008                  | 0.0      | 0.232    |                 |
| ICB1         | 0.030                  | 0.0      | 0.027    |                 |
| CCV1         | 1.013                  | 0.0      | 0.233    |                 |
| CCB1         | 0.028                  | 0.0      | 0.027    |                 |
| RL CHECK     | 0.116                  | 0.0      | 0.045    |                 |
| PB156658BL   | 0.025                  | 0.0      | 0.026    |                 |
| PB156658BS   | 1.015                  | 0.0      | 0.233    |                 |
| O4999-01     | 1.148                  | 0.0      | 0.261    |                 |
| O4999-05     | 5.154                  | 0.0      | 1.101    | Test limit high |
| O5074-01     | 0.015                  | 0.0      | 0.024    |                 |
| O5074-01DUP  | 0.018                  | 0.0      | 0.025    |                 |
| O5074-01MS   | 0.870                  | 0.0      | 0.203    |                 |
| O5074-01MSD  | 0.875                  | 0.0      | 0.204    |                 |
| CCV2         | 1.029                  | 0.0      | 0.236    |                 |
| CCB2         | 0.024                  | 0.0      | 0.026    |                 |
| O4999-05DLX5 | 1.032                  | 0.0      | 0.237    |                 |
| CCV3         | 0.962                  | 0.0      | 0.222    |                 |
| CCB3         | 0.033                  | 0.0      | 0.028    |                 |

*Handwritten notes:*  
 - 116/(50-50)  
 10/26/2023 RM

N 18  
 Mean 0.800  
 SD 1.1889  
 CV% 148.67

Aquakem v. 7.2AQ1

Results from time period:

Thu Oct 26 09:41:54 2023

Thu Oct 26 13:38:20 2023

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|--------|-------------|----------------------|------|
| 0.0PPM       | A          | Ammonia-I  | P         | 0.0131 | mg/l        | 10/26/2023 10:32:54  |      |
| 0.1PPM       | A          | Ammonia-I  | P         | 0.104  | mg/l        | 10/26/2023 10:32:55  |      |
| 0.2PPM       | A          | Ammonia-I  | P         | 0.2051 | mg/l        | 10/26/2023 10:32:56  |      |
| 0.4PPM       | A          | Ammonia-I  | P         | 0.3963 | mg/l        | 10/26/2023 10:32:57  |      |
| 1.0PPM       | A          | Ammonia-I  | P         | 0.9917 | mg/l        | 10/26/2023 10:32:58  |      |
| 1.3PPM       | A          | Ammonia-I  | P         | 1.2899 | mg/l        | 10/26/2023 10:32:59  |      |
| 2.0PPM       | A          | Ammonia-I  | P         | 2.0331 | mg/l        | 10/26/2023 10:33:00  |      |
| ICV1         | S          | Ammonia-I  | P         | 1.0084 | mg/l        | 10/26/2023 12:55:38  |      |
| ICB1         | S          | Ammonia-I  | P         | 0.0301 | mg/l        | 10/26/2023 12:55:40  |      |
| CCV1         | S          | Ammonia-I  | P         | 1.0126 | mg/l        | 10/26/2023 12:55:42  |      |
| CCB1         | S          | Ammonia-I  | P         | 0.028  | mg/l        | 10/26/2023 12:55:45  |      |
| RL CHECK     | S          | Ammonia-I  | P         | 0.116  | mg/l        | 10/26/2023 12:55:46  |      |
| PB156658BL   | S          | Ammonia-I  | P         | 0.025  | mg/l        | 10/26/2023 12:55:49  |      |
| PB156658BS   | S          | Ammonia-I  | P         | 1.0148 | mg/l        | 10/26/2023 13:06:21  |      |
| O4999-01     | S          | Ammonia-I  | P         | 1.148  | mg/l        | 10/26/2023 13:06:22  |      |
| O4999-05     | S          | Ammonia-I  | P         | 5.1537 | mg/l        | 10/26/2023 13:06:23  |      |
| O5074-01     | S          | Ammonia-I  | P         | 0.0149 | mg/l        | 10/26/2023 13:06:24  |      |
| O5074-01DUP  | S          | Ammonia-I  | P         | 0.0183 | mg/l        | 10/26/2023 13:06:25  |      |
| O5074-01MS   | S          | Ammonia-I  | P         | 0.8698 | mg/l        | 10/26/2023 13:06:28  |      |
| O5074-01MSD  | S          | Ammonia-I  | P         | 0.8751 | mg/l        | 10/26/2023 13:06:30  |      |
| CCV2         | S          | Ammonia-I  | P         | 1.0285 | mg/l        | 10/26/2023 13:06:31  |      |
| CCB2         | S          | Ammonia-I  | P         | 0.0242 | mg/l        | 10/26/2023 13:11:50  |      |
| O4999-05DLX5 | S          | Ammonia-I  | P         | 1.0325 | mg/l        | 10/26/2023 13:38:13  |      |
| CCV3         | S          | Ammonia-I  | P         | 0.9617 | mg/l        | 10/26/2023 13:38:15  |      |
| CCB3         | S          | Ammonia-I  | P         | 0.033  | mg/l        | 10/26/2023 13:38:20  |      |

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284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : PM

Instrument ID : Konelab

10/26/2023 10:33

Test Ammonia-N

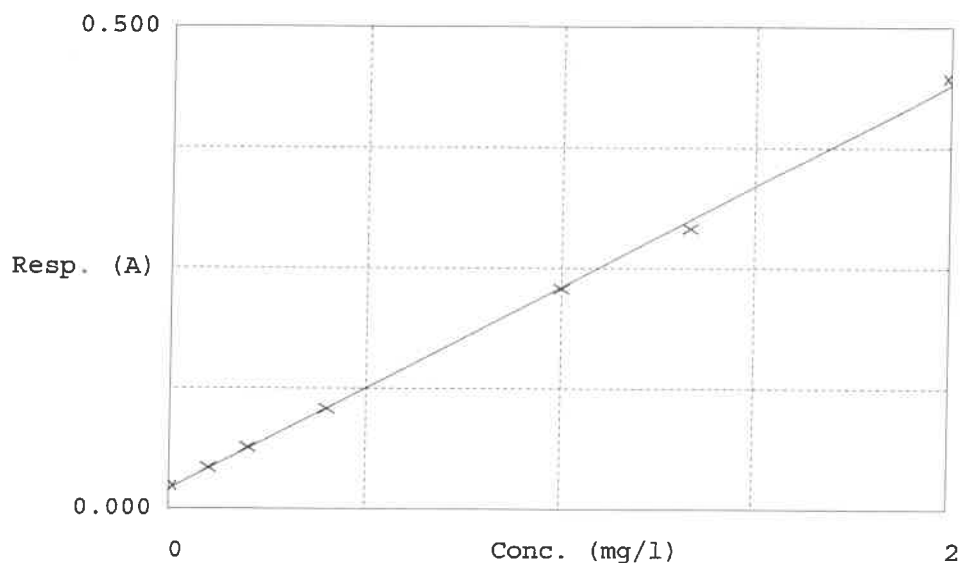
Accepted 10/26/2023 10:33

Factor 4.773

Bias 0.021

Coeff. of det. 0.999027

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | <u>PO</u><br>Errors |
|---|------------|----------|------------|--------|---------------------|
| 1 | 0.00PPM    | 0.024    | 0.0131     | 0.0000 | -                   |
| 2 | NH3-2PPM   | 0.043    | 0.1040     | 0.1000 | 4.0                 |
| 3 | NH3-2PPM   | 0.064    | 0.2051     | 0.2000 | 2.6                 |
| 4 | NH3-2PPM   | 0.104    | 0.3963     | 0.4000 | -0.9                |
| 5 | NH3-2PPM   | 0.229    | 0.9917     | 1.0000 | -0.8                |
| 6 | NH3-2PPM   | 0.291    | 1.2899     | 1.3333 | -0.8                |
| 7 | NH3-2PPM   | 0.447    | 2.0331     | 2.0000 | 1.7                 |

10/26/2023  
PM