

Lb131731

Test results

Aquakem 7.2AQ1

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

7/24/2024 9:43

Reviewed by : RM Instrument ID : Konelab

Test: Ammonia-N

| Sample Id    | Result | Dil. 1 + | Response | Errors          |
|--------------|--------|----------|----------|-----------------|
| ICV1         | 0.950  | 0.0      | 0.270    |                 |
| ICB1         | 0.002  | 0.0      | 0.011    |                 |
| CCV1         | 0.934  | 0.0      | 0.265    |                 |
| CCB1         | 0.004  | 0.0      | 0.011    |                 |
| RL CHECK     | 0.087  | 0.0      | 0.034    |                 |
| PB162200BL   | 0.007  | 0.0      | 0.012    |                 |
| PB162200BS   | 0.969  | 0.0      | 0.275    |                 |
| P3321-01     | 2.849  | 0.0      | 0.788    | Test limit high |
| P3321-01DUP  | 2.847  | 0.0      | 0.788    | Test limit high |
| P3321-01MS   | 3.832  | 0.0      | 1.057    | Test limit high |
| P3321-01MSD  | 3.835  | 0.0      | 1.058    | Test limit high |
| P3321-02     | 2.511  | 0.0      | 0.696    | Test limit high |
| CCV2         | 0.954  | 0.0      | 0.271    |                 |
| CCB2         | 0.002  | 0.0      | 0.011    |                 |
| P3321-01DLX2 | 1.464  | 0.0      | 0.410    |                 |
| P3321-02DLX2 | 1.274  | 0.0      | 0.358    |                 |
| CCV3         | 0.981  | 0.0      | 0.278    |                 |
| CCB3         | 0.001  | 0.0      | 0.011    |                 |

87% (50-150) 07/24/2024  
RM

N 18  
Mean 1.306  
SD 1.3193  
CV% 101.04

Aquakem v. 7.2AQ1

Results from time period:

Wed Jul 24 08:20:36 2024

Wed Jul 24 09:38:26 2024

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|--------|-------------|----------------------|------|
| 0.00PPM      | A          | Ammonia-I  | P         | 0.006  | mg/l        | 7/24/2024 8:20:36    |      |
| 0.05PPM      | A          | Ammonia-I  | P         | 0.1033 | mg/l        | 7/24/2024 8:20:37    |      |
| 0.1PPM       | A          | Ammonia-I  | P         | 0.1983 | mg/l        | 7/24/2024 8:20:38    |      |
| 0.25PPM      | A          | Ammonia-I  | P         | 0.3915 | mg/l        | 7/24/2024 8:20:39    |      |
| 0.50PPM      | A          | Ammonia-I  | P         | 0.9985 | mg/l        | 7/24/2024 8:20:40    |      |
| 1.0PPM       | A          | Ammonia-I  | P         | 1.3332 | mg/l        | 7/24/2024 8:20:41    |      |
| 2.0PPM       | A          | Ammonia-I  | P         | 2.0026 | mg/l        | 7/24/2024 8:20:42    |      |
| ICV1         | S          | Ammonia-I  | P         | 0.9505 | mg/l        | 7/24/2024 8:57:52    |      |
| ICB1         | S          | Ammonia-I  | P         | 0.0024 | mg/l        | 7/24/2024 8:57:54    |      |
| CCV1         | S          | Ammonia-I  | P         | 0.9339 | mg/l        | 7/24/2024 8:57:56    |      |
| CCB1         | S          | Ammonia-I  | P         | 0.0037 | mg/l        | 7/24/2024 8:57:58    |      |
| RL CHECK     | S          | Ammonia-I  | P         | 0.0866 | mg/l        | 7/24/2024 8:58:01    |      |
| PB162200BL   | S          | Ammonia-I  | P         | 0.0067 | mg/l        | 7/24/2024 8:58:03    |      |
| PB162200BS   | S          | Ammonia-I  | P         | 0.9693 | mg/l        | 7/24/2024 9:08:35    |      |
| P3321-01     | S          | Ammonia-I  | P         | 2.8485 | mg/l        | 7/24/2024 9:08:37    |      |
| P3321-01DUP  | S          | Ammonia-I  | P         | 2.8466 | mg/l        | 7/24/2024 9:08:39    |      |
| P3321-01MS   | S          | Ammonia-I  | P         | 3.8317 | mg/l        | 7/24/2024 9:08:41    |      |
| P3321-01MSD  | S          | Ammonia-I  | P         | 3.8352 | mg/l        | 7/24/2024 9:08:43    |      |
| P3321-02     | S          | Ammonia-I  | P         | 2.5107 | mg/l        | 7/24/2024 9:08:44    |      |
| CCV2         | S          | Ammonia-I  | P         | 0.9536 | mg/l        | 7/24/2024 9:15:51    |      |
| CCB2         | S          | Ammonia-I  | P         | 0.0017 | mg/l        | 7/24/2024 9:15:53    |      |
| P3321-01DLX2 | S          | Ammonia-I  | P         | 1.4638 | mg/l        | 7/24/2024 9:38:20    |      |
| P3321-02DLX2 | S          | Ammonia-I  | P         | 1.274  | mg/l        | 7/24/2024 9:38:21    |      |
| CCV3         | S          | Ammonia-I  | P         | 0.9811 | mg/l        | 7/24/2024 9:38:24    |      |
| CCB3         | S          | Ammonia-I  | P         | 0.0013 | mg/l        | 7/24/2024 9:38:25    |      |

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Reviewed by : RM Instrument ID : Konelab

7/24/2024 8:22

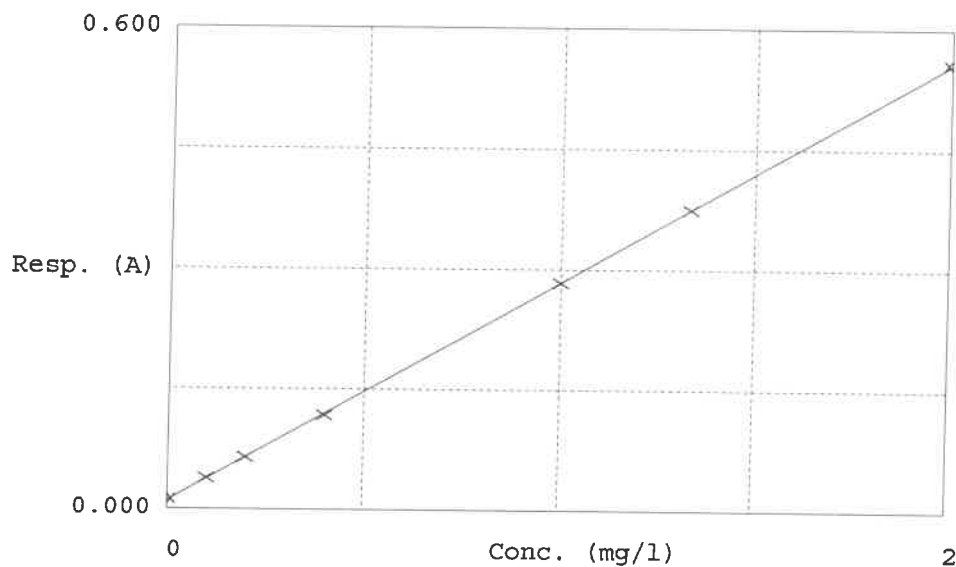
Test Ammonia-N

Accepted 7/24/2024 8:22

Factor 3.662  
Bias 0.010

Coeff. of det. 0.999961

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Re<br>Errors |
|---|------------|----------|------------|--------|--------------|
| 1 | 0.00PPM    | 0.012    | 0.0060     | 0.0000 | -            |
| 2 | NH3-2PPM   | 0.039    | 0.1033     | 0.1000 | 3.3          |
| 3 | NH3-2PPM   | 0.065    | 0.1983     | 0.2000 | -0.9         |
| 4 | NH3-2PPM   | 0.117    | 0.3915     | 0.4000 | -2.1         |
| 5 | NH3-2PPM   | 0.283    | 0.9985     | 1.0000 | -0.1         |
| 6 | NH3-2PPM   | 0.374    | 1.3332     | 1.3333 | 2.6          |
| 7 | NH3-2PPM   | 0.557    | 2.0026     | 2.0000 | 6.1          |

07/24/2024  
RM