

LB112679

Test results

Aquakem 7.2AQ1

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

Reviewed by : 12 Instrument ID : Konelab

4/14/2022 12:11

Test: Ammonia-N

| Sample Id    | Result | Dil. 1 + | Response | Errors          |
|--------------|--------|----------|----------|-----------------|
| ICV1         | 0.928  | 0.0      | 0.152    |                 |
| ICB1         | 0.033  | 0.0      | 0.015    |                 |
| CCV1         | 0.930  | 0.0      | 0.153    |                 |
| CCB1         | 0.028  | 0.0      | 0.014    |                 |
| PB144102BL   | 0.028  | 0.0      | 0.014    |                 |
| PB144102BS   | 0.947  | 0.0      | 0.155    |                 |
| N2363-01     | 3.259  | 0.0      | 0.510    | Test limit high |
| N2363-05     | 3.810  | 0.0      | 0.594    | Test limit high |
| N2399-01     | 0.027  | 0.0      | 0.014    |                 |
| N2399-01DUP  | 0.021  | 0.0      | 0.013    |                 |
| N2399-01MS   | 0.949  | 0.0      | 0.156    |                 |
| N2399-01MSD  | 0.959  | 0.0      | 0.157    |                 |
| N2400-01     | 5.186  | 0.0      | 0.805    | Test limit high |
| CCV2         | 0.947  | 0.0      | 0.155    |                 |
| CCB2         | 0.033  | 0.0      | 0.015    |                 |
| N2363-01DLX5 | 0.649  | 0.0      | 0.110    |                 |
| N2363-05DLX5 | 0.730  | 0.0      | 0.122    |                 |
| N2400-01DLX5 | 1.029  | 0.0      | 0.168    |                 |
| CCV3         | 0.931  | 0.0      | 0.153    |                 |
| CCB3         | 0.030  | 0.0      | 0.015    |                 |

|      |        |
|------|--------|
| N    | 20     |
| Mean | 1.073  |
| SD   | 1.4001 |
| CV%  | 130.53 |

Aquakem v. 7.2AQ1

Results from time period:

Thu Apr 14 09:40:59 2022

Thu Apr 14 12:08:39 2022

| Sample Id    | Sam/Ctr/c/ | Test short nan | Test type | Result | Result unit | Result date and time |
|--------------|------------|----------------|-----------|--------|-------------|----------------------|
| 0.0PPM       | A          | Ammonia-N      | P         | 0.0227 | mg/l        | 4/14/2022 9:40:59    |
| 0.1PPM       | A          | Ammonia-N      | P         | 0.1149 | mg/l        | 4/14/2022 9:41:00    |
| 0.2PPM       | A          | Ammonia-N      | P         | 0.2089 | mg/l        | 4/14/2022 9:41:01    |
| 0.4PPM       | A          | Ammonia-N      | P         | 0.4005 | mg/l        | 4/14/2022 9:41:02    |
| 1.0PPM       | A          | Ammonia-N      | P         | 0.942  | mg/l        | 4/14/2022 9:41:03    |
| 1.3PPM       | A          | Ammonia-N      | P         | 1.2849 | mg/l        | 4/14/2022 9:41:04    |
| 2.0PPM       | A          | Ammonia-N      | P         | 2.0596 | mg/l        | 4/14/2022 9:41:05    |
| ICV1         | S          | Ammonia-N      | P         | 0.9276 | mg/l        | 4/14/2022 11:33:00   |
| ICB1         | S          | Ammonia-N      | P         | 0.0326 | mg/l        | 4/14/2022 11:33:02   |
| CCV1         | S          | Ammonia-N      | P         | 0.9305 | mg/l        | 4/14/2022 11:33:04   |
| CCB1         | S          | Ammonia-N      | P         | 0.028  | mg/l        | 4/14/2022 11:33:06   |
| PB144102BL   | S          | Ammonia-N      | P         | 0.0277 | mg/l        | 4/14/2022 11:33:09   |
| PB144102BS   | S          | Ammonia-N      | P         | 0.9475 | mg/l        | 4/14/2022 11:33:10   |
| N2363-01     | S          | Ammonia-N      | P         | 3.2591 | mg/l        | 4/14/2022 11:41:59   |
| N2363-05     | S          | Ammonia-N      | P         | 3.8096 | mg/l        | 4/14/2022 11:42:00   |
| N2399-01     | S          | Ammonia-N      | P         | 0.0267 | mg/l        | 4/14/2022 11:42:01   |
| N2399-01DUP  | S          | Ammonia-N      | P         | 0.0209 | mg/l        | 4/14/2022 11:42:02   |
| N2399-01MS   | S          | Ammonia-N      | P         | 0.9488 | mg/l        | 4/14/2022 11:42:03   |
| N2399-01MSD  | S          | Ammonia-N      | P         | 0.9595 | mg/l        | 4/14/2022 11:42:04   |
| N2400-01     | S          | Ammonia-N      | P         | 5.1863 | mg/l        | 4/14/2022 11:42:05   |
| CCV2         | S          | Ammonia-N      | P         | 0.9469 | mg/l        | 4/14/2022 11:42:06   |
| CCB2         | S          | Ammonia-N      | P         | 0.0328 | mg/l        | 4/14/2022 11:42:07   |
| N2363-01DLX5 | S          | Ammonia-N      | P         | 0.6492 | mg/l        | 4/14/2022 12:08:35   |
| N2363-05DLX5 | S          | Ammonia-N      | P         | 0.7301 | mg/l        | 4/14/2022 12:08:36   |
| N2400-01DLX5 | S          | Ammonia-N      | P         | 1.0287 | mg/l        | 4/14/2022 12:08:37   |
| CCV3         | S          | Ammonia-N      | P         | 0.9305 | mg/l        | 4/14/2022 12:08:38   |
| CCB3         | S          | Ammonia-N      | P         | 0.0296 | mg/l        | 4/14/2022 12:08:39   |

LB 119.679

Calibration results

Aquakem 7.2AQ1

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

Reviewed by : 12 Instrument ID : Konelab

4/14/2022 9:42

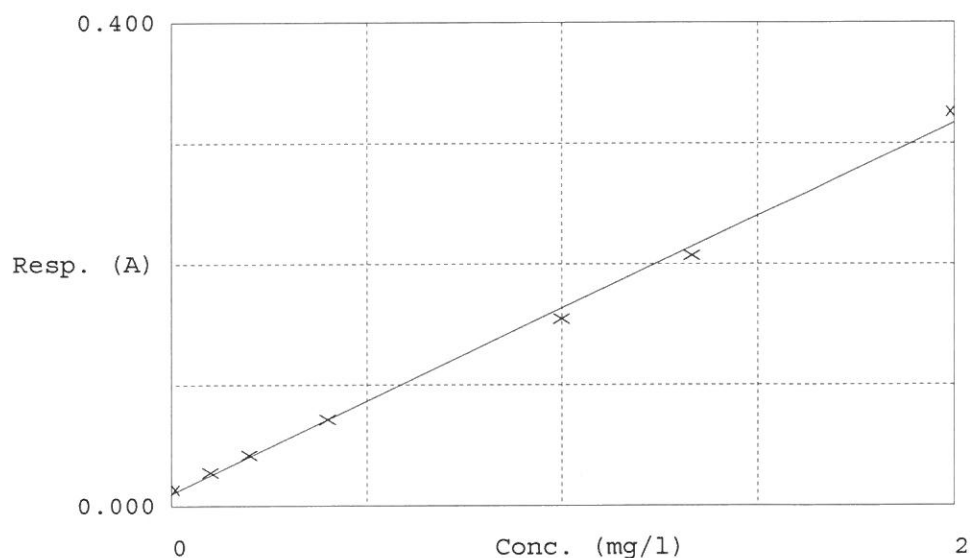
Test Ammonia-N

Accepted 4/14/2022 9:42

Factor 6.523  
Bias 0.010

Coeff. of det. 0.997016

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors |
|---|------------|----------|------------|--------|--------|
| 1 | 0.00PPM    | 0.014    | 0.0227     | 0.0000 | -      |
| 2 | NH3-2PPM   | 0.028    | 0.1149     | 0.1000 | 14.9   |
| 3 | NH3-2PPM   | 0.042    | 0.2089     | 0.2000 | 4.5    |
| 4 | NH3-2PPM   | 0.072    | 0.4005     | 0.4000 | 0.1    |
| 5 | NH3-2PPM   | 0.155    | 0.9420     | 1.0000 | -5.8   |
| 6 | NH3-2PPM   | 0.207    | 1.2849     | 1.3333 | -1.2   |
| 7 | NH3-2PPM   | 0.326    | 2.0596     | 2.0000 | 3.0    |

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4/14/22