

LB115893

Test results

Aquakem 7.2AQ1

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

Reviewed by : MA

Instrument ID : Konelab

8/17/2021 12:03

Test: <sup>ASTM</sup> Ammonia-N

mm/v

| Sample Id   | Result | Dil. 1 + | Response | Errors |
|-------------|--------|----------|----------|--------|
| ICV1        | 0.941  | 0.0      | 0.189    |        |
| ICB1        | 0.011  | 0.0      | 0.020    |        |
| CCV1        | 0.944  | 0.0      | 0.190    |        |
| CCB1        | 0.013  | 0.0      | 0.021    |        |
| PB138449BL  | 0.011  | 0.0      | 0.020    |        |
| PB138449BS  | 0.941  | 0.0      | 0.189    |        |
| M3371-03    | 0.277  | 0.0      | 0.069    |        |
| M3371-03DUP | 0.285  | 0.0      | 0.070    |        |
| M3371-03MS  | 1.333  | 0.0      | 0.260    |        |
| M3371-03MSD | 1.348  | 0.0      | 0.263    |        |
| CCV2        | 0.991  | 0.0      | 0.198    |        |
| CCB2        | 0.016  | 0.0      | 0.021    |        |

|      |        |
|------|--------|
| N    | 12     |
| Mean | 0.593  |
| SD   | 0.5380 |
| CV%  | 90.80  |

Aquakem v. 7.2AQ1

Results from time period:

Tue Aug 17 11:29:57 2021

Tue Aug 17 12:01:18 2021

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----------|--------|-------------|----------------------|------|
| 0.0PPM      | A          | Ammonia-I  | P         | 0.0179 | mg/l        | 8/17/2021 8:49:45    |      |
| 0.1PPM      | A          | Ammonia-I  | P         | 0.1071 | mg/l        | 8/17/2021 8:49:46    |      |
| 0.2PPM      | A          | Ammonia-I  | P         | 0.1973 | mg/l        | 8/17/2021 8:49:47    |      |
| 0.4PPM      | A          | Ammonia-I  | P         | 0.3893 | mg/l        | 8/17/2021 8:49:48    |      |
| 1.0PPM      | A          | Ammonia-I  | P         | 0.9949 | mg/l        | 8/17/2021 8:49:49    |      |
| 1.3PPM      | A          | Ammonia-I  | P         | 1.3001 | mg/l        | 8/17/2021 8:49:50    |      |
| 2.0PPM      | A          | Ammonia-I  | P         | 2.0268 | mg/l        | 8/17/2021 8:49:51    |      |
| ICV1        | S          | Ammonia-I  | P         | 0.9413 | mg/l        | 8/17/2021 11:29:58   |      |
| ICB1        | S          | Ammonia-I  | P         | 0.0109 | mg/l        | 8/17/2021 11:30:00   |      |
| CCV1        | S          | Ammonia-I  | P         | 0.9438 | mg/l        | 8/17/2021 11:30:01   |      |
| CCB1        | S          | Ammonia-I  | P         | 0.0126 | mg/l        | 8/17/2021 11:30:03   |      |
| PB138449BL  | S          | Ammonia-I  | P         | 0.0108 | mg/l        | 8/17/2021 11:30:05   |      |
| PB138449BS  | S          | Ammonia-I  | P         | 0.9411 | mg/l        | 8/17/2021 11:30:07   |      |
| M3371-03    | S          | Ammonia-I  | P         | 0.2768 | mg/l        | 8/17/2021 12:01:13   |      |
| M3371-03DUP | S          | Ammonia-I  | P         | 0.2848 | mg/l        | 8/17/2021 12:01:14   |      |
| M3371-03MS  | S          | Ammonia-I  | P         | 1.3331 | mg/l        | 8/17/2021 12:01:15   |      |
| M3371-03MSD | S          | Ammonia-I  | P         | 1.3485 | mg/l        | 8/17/2021 12:01:16   |      |
| CCV2        | S          | Ammonia-I  | P         | 0.9906 | mg/l        | 8/17/2021 12:01:17   |      |
| CCB2        | S          | Ammonia-I  | P         | 0.0164 | mg/l        | 8/17/2021 12:01:18   |      |

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

Reviewed by : pl

Instrument ID : Konelab

8/17/2021 8:50

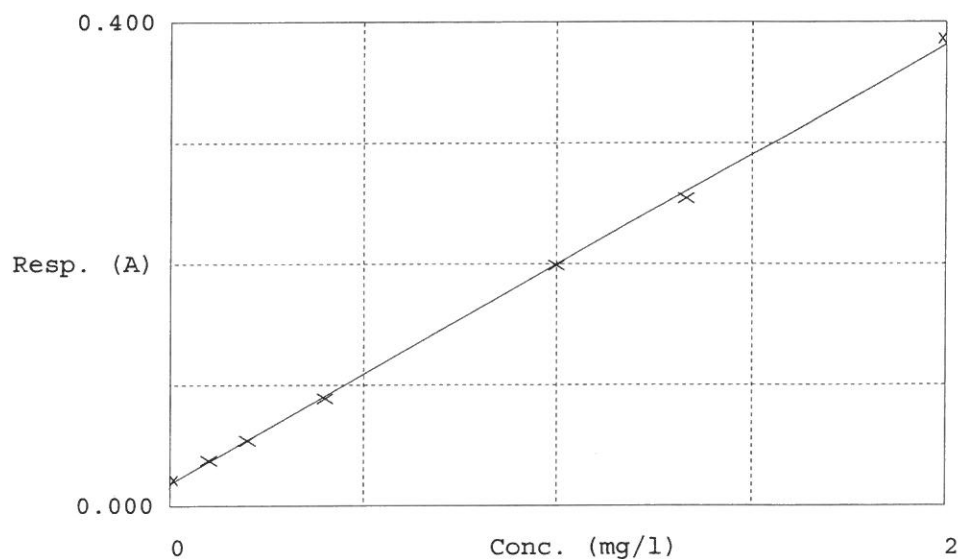
Test Ammonia-N

Accepted 8/17/2021 8:50

Factor 5.509  
Bias 0.018

Coeff. of det. 0.999306

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Rel. Errors |
|---|------------|----------|------------|--------|-------------|
| 1 | 0.00PPM    | 0.022    | 0.0179     | 0.0000 |             |
| 2 | NH3-2PPM   | 0.038    | 0.1071     | 0.1000 |             |
| 3 | NH3-2PPM   | 0.054    | 0.1973     | 0.2000 |             |
| 4 | NH3-2PPM   | 0.089    | 0.3893     | 0.4000 |             |
| 5 | NH3-2PPM   | 0.199    | 0.9949     | 1.0000 |             |
| 6 | NH3-2PPM   | 0.254    | 1.3001     | 1.3333 |             |
| 7 | NH3-2PPM   | 0.386    | 2.0268     | 2.0000 |             |

Rel. Errors  
A=1  
1.4  
2.2  
0.5  
0.0  
1.3

AB  
8/17/21