

LB114753

Test results

Aquakem 7.2AQ1

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

Reviewed by : AM Instrument ID : Konelab

6/3/2021 11:24

Test: Ammonia-N

| Sample Id    | Result <sup>mg/L</sup> | Dil. 1 + | Response | Errors          |
|--------------|------------------------|----------|----------|-----------------|
| ICV1         | 0.962                  | 0.0      | 0.172    |                 |
| ICB1         | 0.017                  | 0.0      | 0.014    |                 |
| CCV1         | 0.970                  | 0.0      | 0.173    |                 |
| CCB1         | 0.020                  | 0.0      | 0.014    |                 |
| PB136783BL   | 0.016                  | 0.0      | 0.014    |                 |
| PB136783BS   | 0.922                  | 0.0      | 0.165    |                 |
| M2580-01     | 0.025                  | 0.0      | 0.015    |                 |
| M2580-01DUP  | 0.024                  | 0.0      | 0.015    |                 |
| M2580-02     | 0.029                  | 0.0      | 0.016    |                 |
| M2580-03     | 0.897                  | 0.0      | 0.161    |                 |
| M2580-04     | 2.804                  | 0.0      | 0.481    | Test limit high |
| M2580-05     | 0.148                  | 0.0      | 0.036    |                 |
| CCV2         | 0.955                  | 0.0      | 0.171    |                 |
| CCB2         | 0.010                  | 0.0      | 0.013    |                 |
| M2580-06     | 0.060                  | 0.0      | 0.021    |                 |
| M2580-07     | 0.059                  | 0.0      | 0.021    |                 |
| M2580-08     | 0.034                  | 0.0      | 0.017    |                 |
| M2580-09     | 0.034                  | 0.0      | 0.016    |                 |
| M2580-10     | 0.035                  | 0.0      | 0.017    |                 |
| M2580-11     | 0.074                  | 0.0      | 0.023    |                 |
| M2580-12     | 0.125                  | 0.0      | 0.032    |                 |
| M2580-13     | 0.480                  | 0.0      | 0.091    |                 |
| M2580-14     | 0.158                  | 0.0      | 0.037    |                 |
| M2580-15     | 0.117                  | 0.0      | 0.030    |                 |
| CCV3         | 0.960                  | 0.0      | 0.172    |                 |
| CCB3         | 0.016                  | 0.0      | 0.013    |                 |
| M2580-16     | 0.156                  | 0.0      | 0.037    |                 |
| M2580-17     | 2.717                  | 0.0      | 0.466    | Test limit high |
| CCV4         | 1.008                  | 0.0      | 0.180    |                 |
| CCB4         | 0.024                  | 0.0      | 0.015    |                 |
| M2580-01MS   | 0.826                  | 0.0      | 0.149    |                 |
| M2580-01MSD  | 0.803                  | 0.0      | 0.145    |                 |
| M2580-04DLX2 | 1.488                  | 0.0      | 0.260    |                 |
| M2580-17DLX2 | 1.333                  | 0.0      | 0.234    |                 |
| CCV5         | 0.986                  | 0.0      | 0.176    |                 |
| CCB5         | 0.015                  | 0.0      | 0.013    |                 |

N 36  
Mean 0.536  
SD 0.7153  
CV% 133.37

Aquakem v. 7.2AQ1

Results from time period:

Thu Jun 03 09:26:11 2021

Thu Jun 03 11:23:41 2021

| Sample Id    | Sam/Ctr/c | Test short | Test type | Result | Result unit | Result date and time | Stat |
|--------------|-----------|------------|-----------|--------|-------------|----------------------|------|
| 0.0PPM       | A         | Ammonia-I  | P         | 0.0118 | mg/l        | 6/3/2021 9:26:11     |      |
| 0.1PPM       | A         | Ammonia-I  | P         | 0.0983 | mg/l        | 6/3/2021 9:26:12     |      |
| 0.2PPM       | A         | Ammonia-I  | P         | 0.1924 | mg/l        | 6/3/2021 9:26:13     |      |
| 0.4PPM       | A         | Ammonia-I  | P         | 0.4203 | mg/l        | 6/3/2021 9:26:14     |      |
| 1.0PPM       | A         | Ammonia-I  | P         | 0.9559 | mg/l        | 6/3/2021 9:26:15     |      |
| 1.3PPM       | A         | Ammonia-I  | P         | 1.3405 | mg/l        | 6/3/2021 9:26:16     |      |
| 2.0PPM       | A         | Ammonia-I  | P         | 2.0141 | mg/l        | 6/3/2021 9:26:17     |      |
| ICV1         | S         | Ammonia-I  | P         | 0.9625 | mg/l        | 6/3/2021 10:25:32    |      |
| ICB1         | S         | Ammonia-I  | P         | 0.0168 | mg/l        | 6/3/2021 10:25:33    |      |
| CCV1         | S         | Ammonia-I  | P         | 0.9703 | mg/l        | 6/3/2021 10:25:35    |      |
| CCB1         | S         | Ammonia-I  | P         | 0.0197 | mg/l        | 6/3/2021 10:25:37    |      |
| PB136783BL   | S         | Ammonia-I  | P         | 0.016  | mg/l        | 6/3/2021 10:25:39    |      |
| PB136783BS   | S         | Ammonia-I  | P         | 0.9218 | mg/l        | 6/3/2021 10:25:40    |      |
| M2580-01     | S         | Ammonia-I  | P         | 0.0245 | mg/l        | 6/3/2021 10:25:41    |      |
| M2580-01DUP  | S         | Ammonia-I  | P         | 0.0244 | mg/l        | 6/3/2021 10:25:42    |      |
| M2580-02     | S         | Ammonia-I  | P         | 0.0288 | mg/l        | 6/3/2021 10:36:17    |      |
| M2580-03     | S         | Ammonia-I  | P         | 0.8967 | mg/l        | 6/3/2021 10:36:18    |      |
| M2580-04     | S         | Ammonia-I  | P         | 2.8045 | mg/l        | 6/3/2021 10:36:19    |      |
| M2580-05     | S         | Ammonia-I  | P         | 0.1484 | mg/l        | 6/3/2021 10:36:20    |      |
| CCV2         | S         | Ammonia-I  | P         | 0.9549 | mg/l        | 6/3/2021 10:36:21    |      |
| CCB2         | S         | Ammonia-I  | P         | 0.0101 | mg/l        | 6/3/2021 10:36:24    |      |
| M2580-06     | S         | Ammonia-I  | P         | 0.0598 | mg/l        | 6/3/2021 10:36:25    |      |
| M2580-07     | S         | Ammonia-I  | P         | 0.0588 | mg/l        | 6/3/2021 10:36:26    |      |
| M2580-08     | S         | Ammonia-I  | P         | 0.0343 | mg/l        | 6/3/2021 10:46:56    |      |
| M2580-09     | S         | Ammonia-I  | P         | 0.0338 | mg/l        | 6/3/2021 10:46:57    |      |
| M2580-10     | S         | Ammonia-I  | P         | 0.0352 | mg/l        | 6/3/2021 10:46:58    |      |
| M2580-11     | S         | Ammonia-I  | P         | 0.0741 | mg/l        | 6/3/2021 10:46:59    |      |
| M2580-12     | S         | Ammonia-I  | P         | 0.1248 | mg/l        | 6/3/2021 10:47:00    |      |
| M2580-13     | S         | Ammonia-I  | P         | 0.4802 | mg/l        | 6/3/2021 10:47:01    |      |
| M2580-14     | S         | Ammonia-I  | P         | 0.1581 | mg/l        | 6/3/2021 10:47:02    |      |
| M2580-15     | S         | Ammonia-I  | P         | 0.1172 | mg/l        | 6/3/2021 10:47:03    |      |
| CCV3         | S         | Ammonia-I  | P         | 0.9601 | mg/l        | 6/3/2021 10:47:04    |      |
| CCB3         | S         | Ammonia-I  | P         | 0.0157 | mg/l        | 6/3/2021 10:47:07    |      |
| M2580-16     | S         | Ammonia-I  | P         | 0.1565 | mg/l        | 6/3/2021 10:53:00    |      |
| M2580-17     | S         | Ammonia-I  | P         | 2.7174 | mg/l        | 6/3/2021 10:53:01    |      |
| CCV4         | S         | Ammonia-I  | P         | 1.0079 | mg/l        | 6/3/2021 10:53:02    |      |
| CCB4         | S         | Ammonia-I  | P         | 0.0238 | mg/l        | 6/3/2021 10:53:03    |      |
| M2580-01MS   | S         | Ammonia-I  | P         | 0.8258 | mg/l        | 6/3/2021 10:55:27    |      |
| M2580-01MSD  | S         | Ammonia-I  | P         | 0.8026 | mg/l        | 6/3/2021 10:55:28    |      |
| M2580-04DLX2 | S         | Ammonia-I  | P         | 1.4882 | mg/l        | 6/3/2021 11:23:34    |      |
| M2580-17DLX2 | S         | Ammonia-I  | P         | 1.3328 | mg/l        | 6/3/2021 11:23:37    |      |
| CCV5         | S         | Ammonia-I  | P         | 0.9858 | mg/l        | 6/3/2021 11:23:38    |      |

CCB5

S

Ammonia-IP

0.015 mg/l

6/3/2021 11:23:40

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

Reviewed by : AM Instrument ID : Konelab  
6/3/2021 9:27

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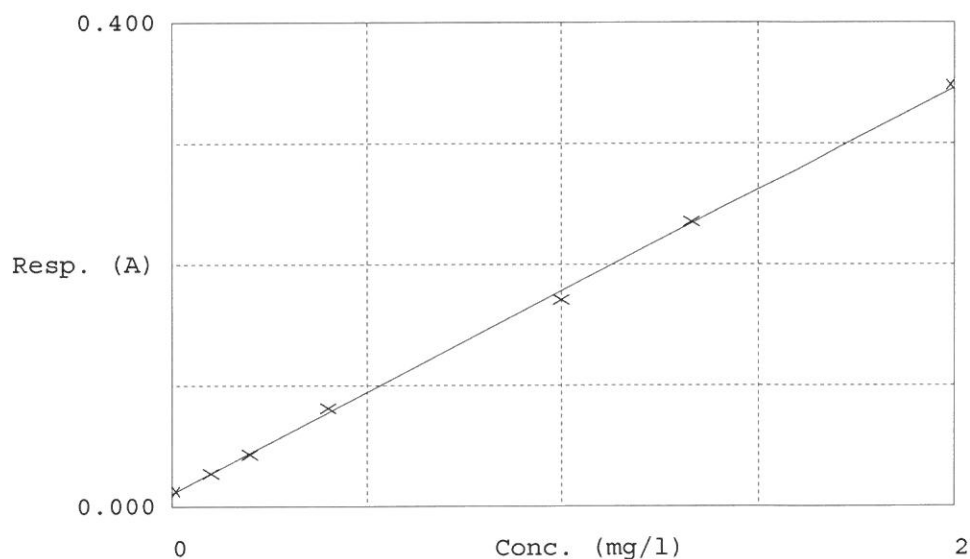
Test Ammonia-N

Accepted 6/3/2021 9:27

Factor 5.967  
Bias 0.011

Coeff. of det. 0.999168

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors %RE |
|---|------------|----------|------------|--------|------------|
| 1 | 0.00PPM    | 0.013    | 0.0118     | 0.0000 |            |
| 2 | NH3-2PPM   | 0.027    | 0.0983     | 0.1000 | -1.7       |
| 3 | NH3-2PPM   | 0.043    | 0.1924     | 0.2000 | -3.8       |
| 4 | NH3-2PPM   | 0.081    | 0.4203     | 0.4000 | 5.1        |
| 5 | NH3-2PPM   | 0.171    | 0.9559     | 1.0000 | -4.4       |
| 6 | NH3-2PPM   | 0.235    | 1.3405     | 1.3333 | 0.5        |
| 7 | NH3-2PPM   | 0.348    | 2.0141     | 2.0000 | 0.7        |

06/03/2021  
AM