

LB114806

Test results

Aquakem 7.2AQ1

Page: 1

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

Reviewed by : Am Instrument ID : Konelab

6/5/2021 14:36

Test: Ammonia-N

| Sample Id   | mg/L<br>Result | Dil. 1 + | Response | Errors |
|-------------|----------------|----------|----------|--------|
| ICV1        | 0.949          | 0.0      | 0.180    |        |
| ICB1        | 0.024          | 0.0      | 0.014    |        |
| CCV1        | 0.953          | 0.0      | 0.181    |        |
| CCB1        | 0.026          | 0.0      | 0.015    |        |
| PB136838BL  | 0.025          | 0.0      | 0.014    |        |
| PB136838BS  | 0.948          | 0.0      | 0.180    |        |
| M2613-01    | 0.051          | 0.0      | 0.019    |        |
| M2613-01DUP | 0.057          | 0.0      | 0.020    |        |
| M2613-02    | 0.080          | 0.0      | 0.024    |        |
| M2613-03    | 0.050          | 0.0      | 0.019    |        |
| M2613-04    | 0.065          | 0.0      | 0.022    |        |
| M2613-05    | 0.040          | 0.0      | 0.017    |        |
| CCV2        | 0.992          | 0.0      | 0.188    |        |
| CCB2        | 0.032          | 0.0      | 0.016    |        |
| M2613-06    | 0.047          | 0.0      | 0.018    |        |
| M2613-07    | 0.044          | 0.0      | 0.018    |        |
| M2613-08    | 0.044          | 0.0      | 0.018    |        |
| M2613-09    | 0.047          | 0.0      | 0.018    |        |
| M2613-10    | 0.029          | 0.0      | 0.015    |        |
| M2613-11    | 0.037          | 0.0      | 0.017    |        |
| M2613-12    | 0.043          | 0.0      | 0.018    |        |
| M2613-13    | 0.067          | 0.0      | 0.022    |        |
| M2613-01MS  | 0.955          | 0.0      | 0.181    |        |
| M2613-01MSD | 0.961          | 0.0      | 0.182    |        |
| CCV3        | 0.990          | 0.0      | 0.188    |        |
| CCB3        | 0.045          | 0.0      | 0.018    |        |
| PB136854BL  | 0.023          | 0.0      | 0.014    |        |
| PB136854BS  | 0.962          | 0.0      | 0.183    |        |
| M2612-01    | 0.043          | 0.0      | 0.018    |        |
| M2612-01DUP | 0.044          | 0.0      | 0.018    |        |
| M2612-01MS  | 1.040          | 0.0      | 0.196    |        |
| M2612-01MSD | 1.033          | 0.0      | 0.195    |        |
| M2612-02    | 0.128          | 0.0      | 0.033    |        |
| M2612-03    | 0.941          | 0.0      | 0.179    |        |
| M2612-04    | 0.103          | 0.0      | 0.028    |        |
| M2612-05    | 0.097          | 0.0      | 0.027    |        |
| CCV4        | 0.946          | 0.0      | 0.180    |        |
| CCB4        | 0.030          | 0.0      | 0.015    |        |
| M2612-06    | 0.119          | 0.0      | 0.031    |        |
| M2612-07    | 0.071          | 0.0      | 0.023    |        |
| M2612-08    | 0.073          | 0.0      | 0.023    |        |
| M2612-09    | 0.063          | 0.0      | 0.021    |        |
| M2612-10    | 0.066          | 0.0      | 0.022    |        |
| M2612-11    | 0.049          | 0.0      | 0.019    |        |
| M2612-12    | 0.046          | 0.0      | 0.018    |        |
| M2612-13    | 0.052          | 0.0      | 0.019    |        |
| M2612-14    | 0.046          | 0.0      | 0.018    |        |
| M2612-15    | 0.054          | 0.0      | 0.019    |        |
| CCV5        | 0.960          | 0.0      | 0.182    |        |
| CCB5        | 0.021          | 0.0      | 0.014    |        |
| M2612-16    | 0.067          | 0.0      | 0.022    |        |
| M2612-17    | 0.057          | 0.0      | 0.020    |        |
| M2612-18    | 0.055          | 0.0      | 0.020    |        |
| M2612-19    | 0.050          | 0.0      | 0.019    |        |
| M2612-20    | 0.057          | 0.0      | 0.020    |        |

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

Reviewed by : AM Instrument ID : Konelab

6/5/2021 14:36

Test: Ammonia-N

| Sample Id   | Result | Dil. 1 + | Response | Errors          |
|-------------|--------|----------|----------|-----------------|
| CCV6        | 0.981  | 0.0      | 0.186    |                 |
| CCB6        | 0.025  | 0.0      | 0.014    |                 |
| PB136855BL  | 0.024  | 0.0      | 0.014    |                 |
| PB135855BS  | 0.972  | 0.0      | 0.184    |                 |
| M2615-01    | 1.798  | 0.0      | 0.333    |                 |
| M2615-01DUP | 1.809  | 0.0      | 0.335    |                 |
| M2615-01MS  | 2.767  | 0.0      | 0.506    | Test limit high |
| M2615-01MSD | 2.785  | 0.0      | 0.510    | Test limit high |
| CCV7        | 1.000  | 0.0      | 0.189    |                 |
| CCB8        | 0.021  | 0.0      | 0.014    |                 |

|      |        |
|------|--------|
| N    | 65     |
| Mean | 0.417  |
| SD   | 0.6370 |
| CV%  | 152.90 |

Aquakem v. 7.2AQ1

Results from time period:

Sat Jun 05 11:18:13 2021

Sat Jun 05 14:25:18 2021

| Sample Id   | Sam/Ctr/c/ | Test short   Test type | Result | Result unit | Result date and time | Stat |
|-------------|------------|------------------------|--------|-------------|----------------------|------|
| 0.0PPM      | A          | Ammonia-I P            | 0.022  | mg/l        | 6/5/2021 11:18:13    |      |
| 0.1PPM      | A          | Ammonia-I P            | 0.1127 | mg/l        | 6/5/2021 11:18:14    |      |
| 0.2PPM      | A          | Ammonia-I P            | 0.2029 | mg/l        | 6/5/2021 11:18:15    |      |
| 0.4PPM      | A          | Ammonia-I P            | 0.3895 | mg/l        | 6/5/2021 11:18:16    |      |
| 1.0PPM      | A          | Ammonia-I P            | 0.9945 | mg/l        | 6/5/2021 11:18:17    |      |
| 1.3PPM      | A          | Ammonia-I P            | 1.2569 | mg/l        | 6/5/2021 11:18:18    |      |
| 2.0PPM      | A          | Ammonia-I P            | 2.0549 | mg/l        | 6/5/2021 11:18:19    |      |
| ICV1        | S          | Ammonia-I P            | 0.9491 | mg/l        | 6/5/2021 11:55:14    |      |
| ICB1        | S          | Ammonia-I P            | 0.0243 | mg/l        | 6/5/2021 11:55:15    |      |
| CCV1        | S          | Ammonia-I P            | 0.9526 | mg/l        | 6/5/2021 11:55:18    |      |
| CCB1        | S          | Ammonia-I P            | 0.0262 | mg/l        | 6/5/2021 11:55:19    |      |
| PB136838BL  | S          | Ammonia-I P            | 0.0253 | mg/l        | 6/5/2021 11:55:22    |      |
| PB136838BS  | S          | Ammonia-I P            | 0.948  | mg/l        | 6/5/2021 11:55:23    |      |
| M2613-01    | S          | Ammonia-I P            | 0.0509 | mg/l        | 6/5/2021 11:55:24    |      |
| M2613-01DUP | S          | Ammonia-I P            | 0.0574 | mg/l        | 6/5/2021 12:03:04    |      |
| M2613-02    | S          | Ammonia-I P            | 0.0801 | mg/l        | 6/5/2021 12:03:07    |      |
| M2613-03    | S          | Ammonia-I P            | 0.0502 | mg/l        | 6/5/2021 12:03:08    |      |
| M2613-04    | S          | Ammonia-I P            | 0.0654 | mg/l        | 6/5/2021 12:03:09    |      |
| M2613-05    | S          | Ammonia-I P            | 0.0398 | mg/l        | 6/5/2021 12:03:10    |      |
| CCV2        | S          | Ammonia-I P            | 0.9918 | mg/l        | 6/5/2021 12:12:03    |      |
| CCB2        | S          | Ammonia-I P            | 0.0321 | mg/l        | 6/5/2021 12:12:05    |      |
| M2613-06    | S          | Ammonia-I P            | 0.0472 | mg/l        | 6/5/2021 12:12:07    |      |
| M2613-07    | S          | Ammonia-I P            | 0.0442 | mg/l        | 6/5/2021 12:22:10    |      |
| M2613-08    | S          | Ammonia-I P            | 0.0439 | mg/l        | 6/5/2021 12:22:11    |      |
| M2613-09    | S          | Ammonia-I P            | 0.0468 | mg/l        | 6/5/2021 12:22:12    |      |
| M2613-10    | S          | Ammonia-I P            | 0.0287 | mg/l        | 6/5/2021 12:22:13    |      |
| M2613-11    | S          | Ammonia-I P            | 0.0372 | mg/l        | 6/5/2021 12:22:14    |      |
| M2613-12    | S          | Ammonia-I P            | 0.0434 | mg/l        | 6/5/2021 12:22:15    |      |
| M2613-13    | S          | Ammonia-I P            | 0.0669 | mg/l        | 6/5/2021 12:22:16    |      |
| M2613-01MS  | S          | Ammonia-I P            | 0.9552 | mg/l        | 6/5/2021 13:00:05    |      |
| M2613-01MSD | S          | Ammonia-I P            | 0.961  | mg/l        | 6/5/2021 13:00:08    |      |
| CCV3        | S          | Ammonia-I P            | 0.9901 | mg/l        | 6/5/2021 13:00:10    |      |
| CCB3        | S          | Ammonia-I P            | 0.0446 | mg/l        | 6/5/2021 13:00:11    |      |
| PB136854BL  | S          | Ammonia-I P            | 0.0233 | mg/l        | 6/5/2021 13:00:13    |      |
| PB136854BS  | S          | Ammonia-I P            | 0.9621 | mg/l        | 6/5/2021 13:00:14    |      |
| M2612-01    | S          | Ammonia-I P            | 0.0434 | mg/l        | 6/5/2021 13:22:53    |      |
| M2612-01DUP | S          | Ammonia-I P            | 0.0441 | mg/l        | 6/5/2021 13:22:54    |      |
| M2612-01MS  | S          | Ammonia-I P            | 1.0396 | mg/l        | 6/5/2021 13:22:55    |      |
| M2612-01MSD | S          | Ammonia-I P            | 1.0334 | mg/l        | 6/5/2021 13:22:56    |      |
| M2612-02    | S          | Ammonia-I P            | 0.1275 | mg/l        | 6/5/2021 13:22:57    |      |
| M2612-03    | S          | Ammonia-I P            | 0.9412 | mg/l        | 6/5/2021 13:22:58    |      |
| M2612-04    | S          | Ammonia-I P            | 0.1033 | mg/l        | 6/5/2021 13:22:59    |      |

|             |   |             |             |                   |
|-------------|---|-------------|-------------|-------------------|
| M2612-05    | S | Ammonia-I P | 0.097 mg/l  | 6/5/2021 13:23:00 |
| CCV4        | S | Ammonia-I P | 0.9462 mg/l | 6/5/2021 13:23:01 |
| CCB4        | S | Ammonia-I P | 0.0296 mg/l | 6/5/2021 13:23:02 |
| M2612-06    | S | Ammonia-I P | 0.1194 mg/l | 6/5/2021 13:23:03 |
| M2612-07    | S | Ammonia-I P | 0.0708 mg/l | 6/5/2021 13:33:34 |
| M2612-08    | S | Ammonia-I P | 0.0735 mg/l | 6/5/2021 13:33:35 |
| M2612-09    | S | Ammonia-I P | 0.0627 mg/l | 6/5/2021 13:33:36 |
| M2612-10    | S | Ammonia-I P | 0.0661 mg/l | 6/5/2021 13:33:37 |
| M2612-11    | S | Ammonia-I P | 0.0486 mg/l | 6/5/2021 13:33:38 |
| M2612-12    | S | Ammonia-I P | 0.0458 mg/l | 6/5/2021 13:33:39 |
| M2612-13    | S | Ammonia-I P | 0.0519 mg/l | 6/5/2021 13:33:40 |
| M2612-14    | S | Ammonia-I P | 0.0463 mg/l | 6/5/2021 13:33:41 |
| M2612-15    | S | Ammonia-I P | 0.0537 mg/l | 6/5/2021 13:33:42 |
| CCV5        | S | Ammonia-I P | 0.9602 mg/l | 6/5/2021 13:33:43 |
| CCB5        | S | Ammonia-I P | 0.0212 mg/l | 6/5/2021 13:41:58 |
| M2612-16    | S | Ammonia-I P | 0.0672 mg/l | 6/5/2021 13:41:59 |
| M2612-17    | S | Ammonia-I P | 0.0571 mg/l | 6/5/2021 13:42:00 |
| M2612-18    | S | Ammonia-I P | 0.0547 mg/l | 6/5/2021 13:42:01 |
| M2612-19    | S | Ammonia-I P | 0.05 mg/l   | 6/5/2021 13:42:02 |
| M2612-20    | S | Ammonia-I P | 0.0573 mg/l | 6/5/2021 13:42:03 |
| CCV6        | S | Ammonia-I P | 0.9812 mg/l | 6/5/2021 13:42:04 |
| CCB6        | S | Ammonia-I P | 0.0246 mg/l | 6/5/2021 13:48:45 |
| PB136855BL  | S | Ammonia-I P | 0.0236 mg/l | 6/5/2021 14:19:12 |
| PB135855BS  | S | Ammonia-I P | 0.9716 mg/l | 6/5/2021 14:19:14 |
| M2615-01    | S | Ammonia-I P | 1.7977 mg/l | 6/5/2021 14:19:16 |
| M2615-01DUP | S | Ammonia-I P | 1.8088 mg/l | 6/5/2021 14:19:17 |
| M2615-01MS  | S | Ammonia-I P | 2.7667 mg/l | 6/5/2021 14:19:20 |
| M2615-01MSD | S | Ammonia-I P | 2.7847 mg/l | 6/5/2021 14:19:21 |
| CCV7        | S | Ammonia-I P | 1 mg/l      | 6/5/2021 14:25:16 |
| CCB8        | S | Ammonia-I P | 0.021 mg/l  | 6/5/2021 14:25:17 |

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

Reviewed by : AM Instrument ID : Konelab

6/5/2021 11:18

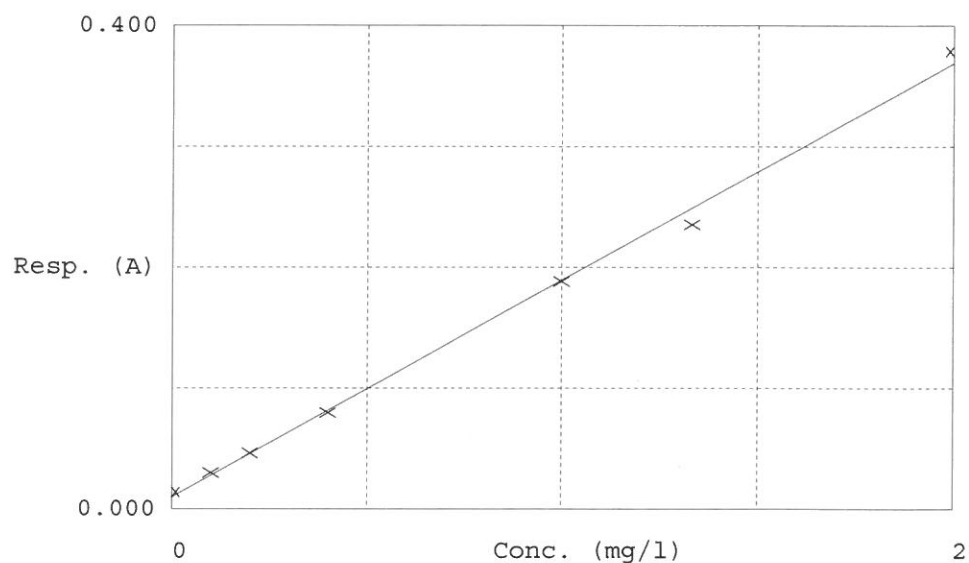
Test Ammonia-N

Accepted 6/5/2021 11:18

Factor 5.571  
Bias 0.010

Coeff. of det. 0.997143

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors %RE |
|---|------------|----------|------------|--------|------------|
| 1 | 0.00PPM    | 0.014    | 0.0220     | 0.0000 | 12.7       |
| 2 | NH3-2PPM   | 0.030    | 0.1127     | 0.1000 | 1.5        |
| 3 | NH3-2PPM   | 0.046    | 0.2029     | 0.2000 | -2.6       |
| 4 | NH3-2PPM   | 0.080    | 0.3895     | 0.4000 | -0.5       |
| 5 | NH3-2PPM   | 0.188    | 0.9945     | 1.0000 | -5.7       |
| 6 | NH3-2PPM   | 0.235    | 1.2569     | 1.3333 | 2.7        |
| 7 | NH3-2PPM   | 0.379    | 2.0549     | 2.0000 |            |

06/05/2021  
AM