

L13118862

Test results

Aquakem 7.2AQ1

Page: 1

CHEMTECH CONSULTING GROUP INC

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : 12

Instrument ID : Konelab

2/25/2022 16:10

Test: Ammonia-N

| Sample Id   | Result | Dil. 1 + | Response | Errors |
|-------------|--------|----------|----------|--------|
| ICV1        | 1.058  | 0.0      | 0.173    |        |
| ICB1        | 0.011  | 0.0      | 0.010    |        |
| CCV1        | 1.082  | 0.0      | 0.176    |        |
| CCB1        | 0.015  | 0.0      | 0.010    |        |
| PB142793BL  | 0.014  | 0.0      | 0.010    |        |
| PB142793BS  | 1.061  | 0.0      | 0.173    |        |
| N1569-01    | 0.088  | 0.0      | 0.022    |        |
| N1603-02    | 0.334  | 0.0      | 0.060    |        |
| N1603-02DUP | 0.342  | 0.0      | 0.061    |        |
| N1603-02MS  | 1.382  | 0.0      | 0.223    |        |
| N1603-02MSD | 1.328  | 0.0      | 0.215    |        |
| N1604-01    | 0.017  | 0.0      | 0.011    |        |
| CCV2        | 1.001  | 0.0      | 0.164    |        |
| CCB2        | 0.017  | 0.0      | 0.011    |        |
| N1604-02    | 0.245  | 0.0      | 0.046    |        |
| N1646-01    | 0.082  | 0.0      | 0.021    |        |
| N1604-04    | 0.229  | 0.0      | 0.044    |        |
| CCV3        | 1.014  | 0.0      | 0.166    |        |
| CCB3        | 0.019  | 0.0      | 0.011    |        |

|      |        |
|------|--------|
| N    | 19     |
| Mean | 0.492  |
| SD   | 0.5209 |
| CV%  | 105.96 |

Aquakem v. 7.2AQ1

Results from time period:

Fri Feb 25 14:05:56 2022

Fri Feb 25 16:06:18 2022

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----------|--------|-------------|----------------------|------|
| 0.0PPM      | A          | Ammonia-I  | P         | 0.0129 | mg/l        | 2/25/2022 14:05:56   |      |
| 0.1PPM      | A          | Ammonia-I  | P         | 0.1088 | mg/l        | 2/25/2022 14:05:57   |      |
| 0.2PPM      | A          | Ammonia-I  | P         | 0.2007 | mg/l        | 2/25/2022 14:05:58   |      |
| 0.4PPM      | A          | Ammonia-I  | P         | 0.3839 | mg/l        | 2/25/2022 14:05:59   |      |
| 1.0PPM      | A          | Ammonia-I  | P         | 0.994  | mg/l        | 2/25/2022 14:06:00   |      |
| 1.3PPM      | A          | Ammonia-I  | P         | 1.3153 | mg/l        | 2/25/2022 14:06:01   |      |
| 2.0PPM      | A          | Ammonia-I  | P         | 2.0177 | mg/l        | 2/25/2022 14:06:02   |      |
| ICV1        | S          | Ammonia-I  | P         | 1.0578 | mg/l        | 2/25/2022 15:00:33   |      |
| ICB1        | S          | Ammonia-I  | P         | 0.0106 | mg/l        | 2/25/2022 15:00:34   |      |
| CCV1        | S          | Ammonia-I  | P         | 1.0818 | mg/l        | 2/25/2022 15:16:33   |      |
| CCB1        | S          | Ammonia-I  | P         | 0.0152 | mg/l        | 2/25/2022 15:16:34   |      |
| PB142793BL  | S          | Ammonia-I  | P         | 0.0145 | mg/l        | 2/25/2022 15:18:58   |      |
| PB142793BS  | S          | Ammonia-I  | P         | 1.0613 | mg/l        | 2/25/2022 15:18:59   |      |
| N1569-01    | S          | Ammonia-I  | P         | 0.0876 | mg/l        | 2/25/2022 15:45:06   |      |
| N1603-02    | S          | Ammonia-I  | P         | 0.3341 | mg/l        | 2/25/2022 15:45:07   |      |
| N1603-02DUP | S          | Ammonia-I  | P         | 0.3415 | mg/l        | 2/25/2022 15:45:08   |      |
| N1603-02MS  | S          | Ammonia-I  | P         | 1.3816 | mg/l        | 2/25/2022 15:45:09   |      |
| N1603-02MSD | S          | Ammonia-I  | P         | 1.328  | mg/l        | 2/25/2022 15:45:10   |      |
| N1604-01    | S          | Ammonia-I  | P         | 0.0175 | mg/l        | 2/25/2022 15:45:11   |      |
| CCV2        | S          | Ammonia-I  | P         | 1.0007 | mg/l        | 2/25/2022 15:45:12   |      |
| CCB2        | S          | Ammonia-I  | P         | 0.0174 | mg/l        | 2/25/2022 15:45:13   |      |
| N1604-02    | S          | Ammonia-I  | P         | 0.245  | mg/l        | 2/25/2022 15:45:14   |      |
| N1646-01    | S          | Ammonia-I  | P         | 0.0825 | mg/l        | 2/25/2022 15:45:16   |      |
| N1604-04    | S          | Ammonia-I  | P         | 0.2295 | mg/l        | 2/25/2022 16:06:14   |      |
| CCV3        | S          | Ammonia-I  | P         | 1.0142 | mg/l        | 2/25/2022 16:06:16   |      |
| CCB3        | S          | Ammonia-I  | P         | 0.0191 | mg/l        | 2/25/2022 16:06:17   |      |

Calibration results

Aquakem 7.2AQ1

Page: 1

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284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : 12

Instrument ID : Konelab

2/25/2022 14:06

Test Ammonia-N

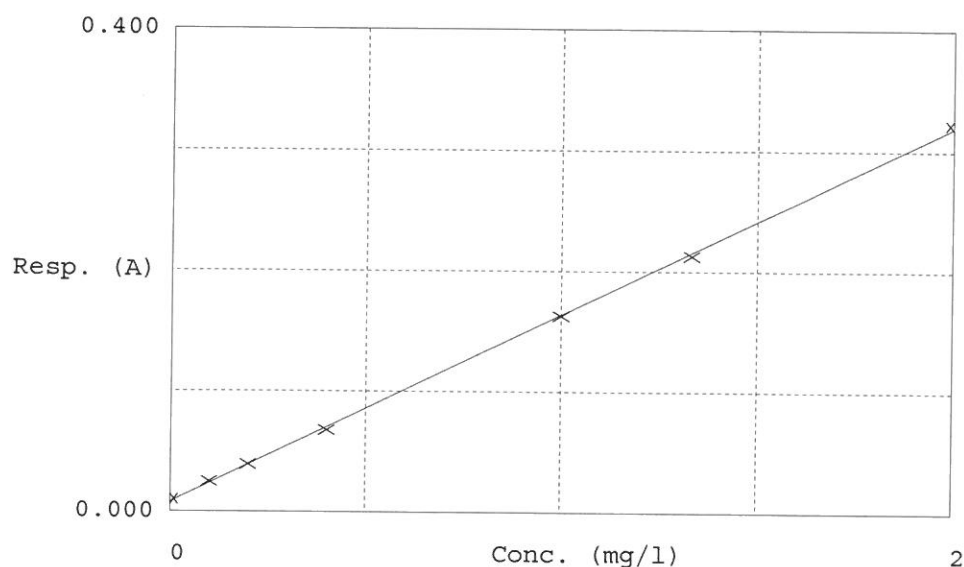
Accepted 2/25/2022 14:06

Factor 6.423

Bias 0.008

Coeff. of det. 0.999650

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors |
|---|------------|----------|------------|--------|--------|
| 1 | 0.00PPM    | 0.010    | 0.0129     | 0.0000 | ~      |
| 2 | NH3-2PPM   | 0.025    | 0.1088     | 0.1000 | 8.8    |
| 3 | NH3-2PPM   | 0.039    | 0.2007     | 0.2000 | 0.3    |
| 4 | NH3-2PPM   | 0.068    | 0.3839     | 0.4000 | -4.0   |
| 5 | NH3-2PPM   | 0.163    | 0.9940     | 1.0000 | -0.6   |
| 6 | NH3-2PPM   | 0.213    | 1.3153     | 1.3333 | 1.2    |
| 7 | NH3-2PPM   | 0.322    | 2.0177     | 2.0000 | 0.9    |

12 02/25/22