

LB1185-95

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

Reviewed by : 12 Instrument ID : Konelab

2/9/2022 13:33

Test: Ammonia-N

| Sample Id    | <i>mp/L</i><br>Result | Dil. 1 + | Response | Errors          |
|--------------|-----------------------|----------|----------|-----------------|
| ICV1         | 1.020                 | 0.0      | 0.174    |                 |
| ICB1         | 0.003                 | 0.0      | 0.010    |                 |
| CCV1         | 1.053                 | 0.0      | 0.179    |                 |
| CCB1         | 0.005                 | 0.0      | 0.010    |                 |
| PB142469BL   | 0.006                 | 0.0      | 0.010    |                 |
| PB142469BS   | 1.037                 | 0.0      | 0.177    |                 |
| N1375-01     | 0.012                 | 0.0      | 0.011    |                 |
| N1396-01     | 0.595                 | 0.0      | 0.105    |                 |
| N1396-01DUP  | 0.629                 | 0.0      | 0.111    |                 |
| N1396-03     | 0.432                 | 0.0      | 0.079    |                 |
| N1396-05     | 0.671                 | 0.0      | 0.118    |                 |
| N1416-01     | 2.875                 | 0.0      | 0.473    | Test limit high |
| N1396-01MS   | 1.680                 | 0.0      | 0.280    |                 |
| N1396-01MSD  | 1.802                 | 0.0      | 0.300    |                 |
| CCV2         | 1.004                 | 0.0      | 0.171    |                 |
| CCB2         | 0.012                 | 0.0      | 0.011    |                 |
| N1416-02     | 2.853                 | 0.0      | 0.470    | Test limit high |
| CCV3         | 1.045                 | 0.0      | 0.178    |                 |
| CCB3         | 0.010                 | 0.0      | 0.011    |                 |
| N1416-01DLX2 | 1.382                 | 0.0      | 0.232    |                 |
| N1416-02DLX2 | 1.306                 | 0.0      | 0.220    |                 |
| CCV4         | 0.993                 | 0.0      | 0.170    |                 |
| CCB4         | 0.010                 | 0.0      | 0.011    |                 |

|      |        |
|------|--------|
| N    | 23     |
| Mean | 0.888  |
| SD   | 0.8429 |
| CV%  | 94.87  |

Aquakem v. 7.2AQ1

Results from time period:

Wed Feb 09 10:12:01 2022

Wed Feb 09 13:27:48 2022

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result | Result unit | Result date and tim | Stat |
|--------------|------------|------------|-----------|--------|-------------|---------------------|------|
| 0.0PPM       | A          | Ammonia-I  | P         | 0.0165 | mg/l        | 2/9/2022 10:36:59   |      |
| 0.1PPM       | A          | Ammonia-I  | P         | 0.1    | mg/l        | 2/9/2022 10:37:00   |      |
| 0.2PPM       | A          | Ammonia-I  | P         | 0.2059 | mg/l        | 2/9/2022 10:37:01   |      |
| 0.4PPM       | A          | Ammonia-I  | P         | 0.391  | mg/l        | 2/9/2022 10:37:02   |      |
| 1.0PPM       | A          | Ammonia-I  | P         | 0.9942 | mg/l        | 2/9/2022 10:37:03   |      |
| 1.3PPM       | A          | Ammonia-I  | P         | 1.2981 | mg/l        | 2/9/2022 10:37:04   |      |
| 2.0PPM       | A          | Ammonia-I  | P         | 2.0276 | mg/l        | 2/9/2022 10:37:05   |      |
| ICV1         | S          | Ammonia-I  | P         | 1.02   | mg/l        | 2/9/2022 11:22:05   |      |
| ICB1         | S          | Ammonia-I  | P         | 0.0025 | mg/l        | 2/9/2022 11:22:07   |      |
| CCV1         | S          | Ammonia-I  | P         | 1.0535 | mg/l        | 2/9/2022 11:22:08   |      |
| CCB1         | S          | Ammonia-I  | P         | 0.0053 | mg/l        | 2/9/2022 11:22:10   |      |
| PB142469BL   | S          | Ammonia-I  | P         | 0.006  | mg/l        | 2/9/2022 11:22:13   |      |
| PB142469BS   | S          | Ammonia-I  | P         | 1.037  | mg/l        | 2/9/2022 11:22:15   |      |
| N1375-01     | S          | Ammonia-I  | P         | 0.0115 | mg/l        | 2/9/2022 12:14:11   |      |
| N1396-01     | S          | Ammonia-I  | P         | 0.5955 | mg/l        | 2/9/2022 12:14:12   |      |
| N1396-01DUP  | S          | Ammonia-I  | P         | 0.6291 | mg/l        | 2/9/2022 12:14:13   |      |
| N1396-03     | S          | Ammonia-I  | P         | 0.4322 | mg/l        | 2/9/2022 12:14:16   |      |
| N1396-05     | S          | Ammonia-I  | P         | 0.6711 | mg/l        | 2/9/2022 12:14:17   |      |
| N1416-01     | S          | Ammonia-I  | P         | 2.8752 | mg/l        | 2/9/2022 12:14:18   |      |
| N1396-01MS   | S          | Ammonia-I  | P         | 1.6796 | mg/l        | 2/9/2022 12:46:30   |      |
| N1396-01MSD  | S          | Ammonia-I  | P         | 1.8018 | mg/l        | 2/9/2022 12:46:31   |      |
| CCV2         | S          | Ammonia-I  | P         | 1.0042 | mg/l        | 2/9/2022 12:46:32   |      |
| CCB2         | S          | Ammonia-I  | P         | 0.0118 | mg/l        | 2/9/2022 12:46:33   |      |
| N1416-02     | S          | Ammonia-I  | P         | 2.8526 | mg/l        | 2/9/2022 12:46:34   |      |
| CCV3         | S          | Ammonia-I  | P         | 1.0452 | mg/l        | 2/9/2022 12:46:35   |      |
| CCB3         | S          | Ammonia-I  | P         | 0.0096 | mg/l        | 2/9/2022 12:46:36   |      |
| N1416-01DLX2 | S          | Ammonia-I  | P         | 1.3819 | mg/l        | 2/9/2022 13:22:54   |      |
| N1416-02DLX2 | S          | Ammonia-I  | P         | 1.3064 | mg/l        | 2/9/2022 13:22:56   |      |
| CCV4         | S          | Ammonia-I  | P         | 0.9934 | mg/l        | 2/9/2022 13:22:58   |      |
| CCB4         | S          | Ammonia-I  | P         | 0.01   | mg/l        | 2/9/2022 13:22:59   |      |

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Reviewed by : 12

Instrument ID : Konelab

2/9/2022 10:37

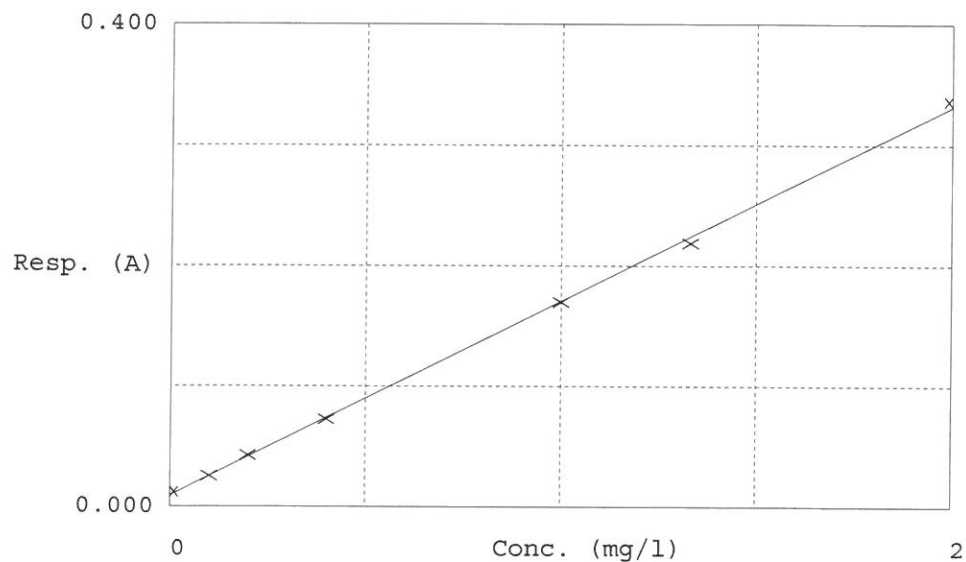
Test Ammonia-N

Accepted 2/9/2022 10:37

Factor 6.2  
Bias 0.009

Coeff. of det. 0.999282

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors |
|---|------------|----------|------------|--------|--------|
| 1 | 0.00PPM    | 0.012    | 0.0165     | 0.0000 | —      |
| 2 | NH3-2PPM   | 0.026    | 0.1000     | 0.1000 | 0.0    |
| 3 | NH3-2PPM   | 0.043    | 0.2059     | 0.2000 | 2.9    |
| 4 | NH3-2PPM   | 0.073    | 0.3910     | 0.4000 | -2.2   |
| 5 | NH3-2PPM   | 0.170    | 0.9942     | 1.0000 | -0.5   |
| 6 | NH3-2PPM   | 0.219    | 1.2981     | 1.3333 | -2.6   |
| 7 | NH3-2PPM   | 0.336    | 2.0276     | 2.0000 | 1.3    |

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