

LB127224

Test results

Aquakem 7.2AQ1

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CHEMTECH CONSULTING GROUP INC

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : 12

Instrument ID : Konelab

9/11/2023 13:02

Test: Ammonia-N

| Sample Id     | <sup>pp/L</sup><br>Result | Dil. 1 + | Response | Errors          |
|---------------|---------------------------|----------|----------|-----------------|
| ICV1          | 0.918                     | 0.0      | 0.196    |                 |
| ICB1          | 0.001                     | 0.0      | 0.046    |                 |
| CCV1          | 0.910                     | 0.0      | 0.195    |                 |
| CCB1          | 0.006                     | 0.0      | 0.046    |                 |
| RL CHECK      | 0.095                     | 0.0      | 0.061    | 95% (50-150)    |
| PB155460BL    | 0.002                     | 0.0      | 0.046    |                 |
| PB155460BS    | 0.919                     | 0.0      | 0.196    | 12              |
| O4317-02      | 0.341                     | 0.0      | 0.101    | 9/11/23         |
| O4317-04      | 0.164                     | 0.0      | 0.072    |                 |
| O4317-06      | 0.112                     | 0.0      | 0.064    |                 |
| CCV2          | 0.933                     | 0.0      | 0.199    |                 |
| CCB2          | 0.010                     | 0.0      | 0.047    |                 |
| O4318-01      | -0.006                    | 0.0      | 0.044    |                 |
| O4339-02      | 0.601                     | 0.0      | 0.144    |                 |
| O4368-01      | 0.667                     | 0.0      | 0.155    |                 |
| O4368-03      | 2.981                     | 0.0      | 0.535    | Test limit high |
| O4376-01      | 7.001                     | 0.0      | 1.195    | Test limit high |
| O4376-02      | 7.163                     | 0.0      | 1.222    | Test limit high |
| CCV3          | 1.029                     | 0.0      | 0.214    |                 |
| CCB3          | 0.012                     | 0.0      | 0.047    |                 |
| O4237-01      | 0.012                     | 0.0      | 0.047    |                 |
| O4237-01DUP   | 0.016                     | 0.0      | 0.048    |                 |
| O4237-01MS    | 0.938                     | 0.0      | 0.200    |                 |
| O4237-01MSD   | 0.951                     | 0.0      | 0.202    |                 |
| O4368-03DLX2  | 1.444                     | 0.0      | 0.283    |                 |
| O4376-01DLX10 | 0.711                     | 0.0      | 0.162    |                 |
| O4376-02DLX10 | 0.732                     | 0.0      | 0.166    |                 |
| CCV4          | 0.930                     | 0.0      | 0.198    |                 |
| CCB4          | 0.009                     | 0.0      | 0.047    |                 |

N 29  
Mean 1.021  
SD 1.7947  
CV% 175.82

Aquakem v. 7.2AQ1

Results from time period:

Mon Sep 11 10:26:12 2023

Mon Sep 11 12:55:34 2023

| Sample Id     | Sam/Ctr/c/ | Test short | Test type | Result  | Result unit | Result date and time | Stat |
|---------------|------------|------------|-----------|---------|-------------|----------------------|------|
| 0.0PPM        | A          | Ammonia-I  | P         | 0.0119  | mg/l        | 9/11/2023 10:26:12   |      |
| 0.1PPM        | A          | Ammonia-I  | P         | 0.0993  | mg/l        | 9/11/2023 10:26:13   |      |
| 0.2PPM        | A          | Ammonia-I  | P         | 0.2034  | mg/l        | 9/11/2023 10:26:14   |      |
| 0.4PPM        | A          | Ammonia-I  | P         | 0.3997  | mg/l        | 9/11/2023 10:26:15   |      |
| 1.0PPM        | A          | Ammonia-I  | P         | 1.0007  | mg/l        | 9/11/2023 10:26:16   |      |
| 1.3PPM        | A          | Ammonia-I  | P         | 1.2904  | mg/l        | 9/11/2023 10:26:17   |      |
| 2.0PPM        | A          | Ammonia-I  | P         | 2.0281  | mg/l        | 9/11/2023 10:26:18   |      |
| ICV1          | S          | Ammonia-I  | P         | 0.9183  | mg/l        | 9/11/2023 11:43:23   |      |
| ICB1          | S          | Ammonia-I  | P         | 0.001   | mg/l        | 9/11/2023 11:43:25   |      |
| CCV1          | S          | Ammonia-I  | P         | 0.91    | mg/l        | 9/11/2023 11:43:28   |      |
| CCB1          | S          | Ammonia-I  | P         | 0.0059  | mg/l        | 9/11/2023 11:43:30   |      |
| RL CHECK      | S          | Ammonia-I  | P         | 0.0949  | mg/l        | 9/11/2023 11:43:31   |      |
| PB155460BL    | S          | Ammonia-I  | P         | 0.0019  | mg/l        | 9/11/2023 11:43:34   |      |
| PB155460BS    | S          | Ammonia-I  | P         | 0.919   | mg/l        | 9/11/2023 11:54:04   |      |
| O4317-02      | S          | Ammonia-I  | P         | 0.3413  | mg/l        | 9/11/2023 11:54:10   |      |
| O4317-04      | S          | Ammonia-I  | P         | 0.1643  | mg/l        | 9/11/2023 11:54:11   |      |
| O4317-06      | S          | Ammonia-I  | P         | 0.1116  | mg/l        | 9/11/2023 11:54:12   |      |
| CCV2          | S          | Ammonia-I  | P         | 0.9326  | mg/l        | 9/11/2023 11:54:13   |      |
| CCB2          | S          | Ammonia-I  | P         | 0.0104  | mg/l        | 9/11/2023 11:54:14   |      |
| O4318-01      | S          | Ammonia-I  | P         | -0.0062 | mg/l        | 9/11/2023 11:54:15   |      |
| O4339-02      | S          | Ammonia-I  | P         | 0.6014  | mg/l        | 9/11/2023 12:01:53   |      |
| O4368-01      | S          | Ammonia-I  | P         | 0.6667  | mg/l        | 9/11/2023 12:01:54   |      |
| O4368-03      | S          | Ammonia-I  | P         | 2.9809  | mg/l        | 9/11/2023 12:01:55   |      |
| O4376-01      | S          | Ammonia-I  | P         | 7.0009  | mg/l        | 9/11/2023 12:01:56   |      |
| O4376-02      | S          | Ammonia-I  | P         | 7.163   | mg/l        | 9/11/2023 12:01:57   |      |
| CCV3          | S          | Ammonia-I  | P         | 1.0288  | mg/l        | 9/11/2023 12:01:58   |      |
| CCB3          | S          | Ammonia-I  | P         | 0.0122  | mg/l        | 9/11/2023 12:01:59   |      |
| O4237-01      | S          | Ammonia-I  | P         | 0.0117  | mg/l        | 9/11/2023 12:55:26   |      |
| O4237-01DUP   | S          | Ammonia-I  | P         | 0.0161  | mg/l        | 9/11/2023 12:55:27   |      |
| O4237-01MS    | S          | Ammonia-I  | P         | 0.9382  | mg/l        | 9/11/2023 12:55:28   |      |
| O4237-01MSD   | S          | Ammonia-I  | P         | 0.9508  | mg/l        | 9/11/2023 12:55:29   |      |
| O4368-03DLX2  | S          | Ammonia-I  | P         | 1.444   | mg/l        | 9/11/2023 12:55:30   |      |
| O4376-01DLX10 | S          | Ammonia-I  | P         | 0.7112  | mg/l        | 9/11/2023 12:55:31   |      |
| O4376-02DLX10 | S          | Ammonia-I  | P         | 0.7323  | mg/l        | 9/11/2023 12:55:32   |      |
| CCV4          | S          | Ammonia-I  | P         | 0.9304  | mg/l        | 9/11/2023 12:55:33   |      |
| CCB4          | S          | Ammonia-I  | P         | 0.0085  | mg/l        | 9/11/2023 12:55:34   |      |

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284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : 12

Instrument ID : Konelab

9/11/2023 10:30

Test Ammonia-N

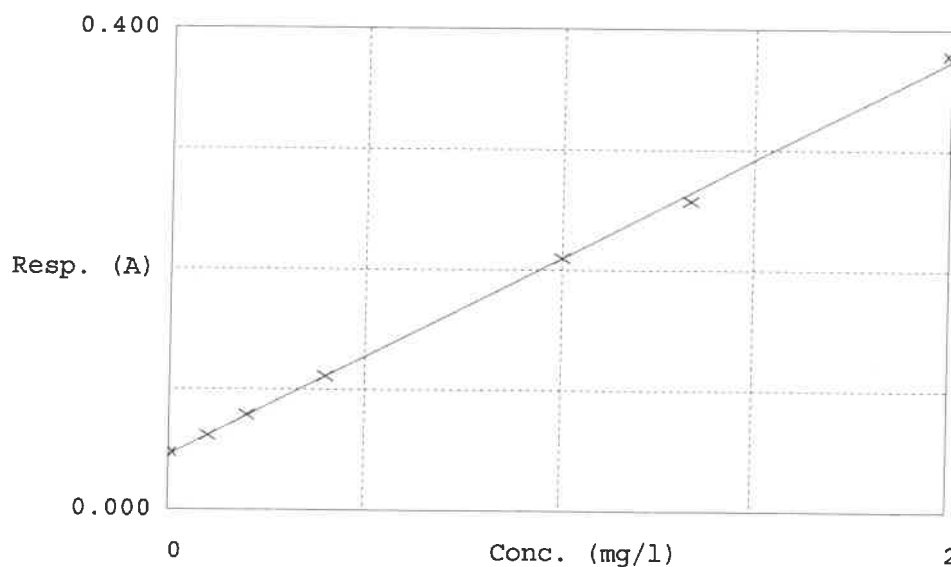
Accepted 9/11/2023 10:30

Factor 6.089

Bias 0.045

Coeff. of det. 0.999173

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors |
|---|------------|----------|------------|--------|--------|
| 1 | 0.00PPM    | 0.047    | 0.0119     | 0.0000 | -      |
| 2 | NH3-2PPM   | 0.062    | 0.0993     | 0.1000 | -0.7   |
| 3 | NH3-2PPM   | 0.079    | 0.2034     | 0.2000 | 1.7    |
| 4 | NH3-2PPM   | 0.111    | 0.3997     | 0.4000 | -0.1   |
| 5 | NH3-2PPM   | 0.210    | 1.0007     | 1.0000 | 0.1    |
| 6 | NH3-2PPM   | 0.257    | 1.2904     | 1.3333 | -0.7   |
| 7 | NH3-2PPM   | 0.379    | 2.0281     | 2.0000 | 1.4    |

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9/11/23