

2B101545

Test results

Aquakem 7.2AQ1

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CHEMTECH  
284 Sheffield Street,  
Mountainside, NJ 07092  
Reviewed by : AS

Instrument ID : Konelab

3/22/2019 9:05

Test: Ammonia-N

| Sample Id   | Result <i>mg/d</i> | Dil. 1 + | Response | Errors |
|-------------|--------------------|----------|----------|--------|
| ICV1        | 1.027              | 0.0      | 0.244    |        |
| ICB1        | 0.000              | 0.0      | 0.039    |        |
| CCV1        | 0.957              | 0.0      | 0.230    |        |
| CCB1        | -0.015             | 0.0      | 0.036    |        |
| PB118159BL  | -0.021             | 0.0      | 0.035    |        |
| PB118159BS  | 0.933              | 0.0      | 0.225    |        |
| K1943-11    | 0.115              | 0.0      | 0.062    |        |
| K1943-12    | 0.201              | 0.0      | 0.079    |        |
| K1943-13    | 0.352              | 0.0      | 0.109    |        |
| K1943-13DUP | 0.349              | 0.0      | 0.109    |        |
| K1943-13MS  | 1.199              | 0.0      | 0.278    |        |
| K1943-13MSD | 1.213              | 0.0      | 0.281    |        |
| K1943-14    | 0.112              | 0.0      | 0.062    |        |
| K1943-15    | 0.077              | 0.0      | 0.055    |        |
| CCV2        | 0.972              | 0.0      | 0.233    |        |
| CCB2        | -0.000             | 0.0      | 0.039    |        |
| K1943-16    | 0.355              | 0.0      | 0.110    |        |
| K1943-17    | 0.009              | 0.0      | 0.041    |        |
| K1943-18    | 0.017              | 0.0      | 0.043    |        |
| K1943-19    | 0.051              | 0.0      | 0.049    |        |
| CCV3        | 0.977              | 0.0      | 0.234    |        |
| CCB3        | -0.003             | 0.0      | 0.039    |        |

|      |        |
|------|--------|
| N    | 22     |
| Mean | 0.403  |
| SD   | 0.4636 |
| CV%  | 114.91 |

Aquakem v. 7.2AQ1

Results from time period:

Fri Mar 22 07:58:03 2019

Fri Mar 22 08:58:41 2019

AS

| Sample Id   | Sam/Ctr/c/ | Test short nam | Test type | Result  | Result unit | Result date and time | Stat |
|-------------|------------|----------------|-----------|---------|-------------|----------------------|------|
| 0.1PPM      | A          | Ammonia-N      | P         | 0.1066  | mg/l        | 3/22/2019 8:17:32    |      |
| 0.2PPM      | A          | Ammonia-N      | P         | 0.1992  | mg/l        | 3/22/2019 8:17:33    |      |
| 0.4PPM      | A          | Ammonia-N      | P         | 0.3932  | mg/l        | 3/22/2019 8:17:34    |      |
| 1.0PPM      | A          | Ammonia-N      | P         | 0.9815  | mg/l        | 3/22/2019 8:17:35    |      |
| 1.3PPM      | A          | Ammonia-N      | P         | 1.3606  | mg/l        | 3/22/2019 8:17:36    |      |
| 2.0PPM      | A          | Ammonia-N      | P         | 1.9922  | mg/l        | 3/22/2019 8:17:37    |      |
| ICV1        | S          | Ammonia-N      | P         | 1.0272  | mg/l        | 3/22/2019 8:47:48    |      |
| ICB1        | S          | Ammonia-N      | P         | 0       | mg/l        | 3/22/2019 8:47:49    |      |
| CCV1        | S          | Ammonia-N      | P         | 0.9573  | mg/l        | 3/22/2019 8:47:50    |      |
| CCB1        | S          | Ammonia-N      | P         | -0.0153 | mg/l        | 3/22/2019 8:47:51    |      |
| PB118159BL  | S          | Ammonia-N      | P         | -0.0207 | mg/l        | 3/22/2019 8:47:52    |      |
| PB118159BS  | S          | Ammonia-N      | P         | 0.9327  | mg/l        | 3/22/2019 8:47:53    |      |
| K1943-11    | S          | Ammonia-N      | P         | 0.1148  | mg/l        | 3/22/2019 8:47:54    |      |
| K1943-12    | S          | Ammonia-N      | P         | 0.2013  | mg/l        | 3/22/2019 8:47:55    |      |
| K1943-13    | S          | Ammonia-N      | P         | 0.3516  | mg/l        | 3/22/2019 8:47:56    |      |
| K1943-13DUP | S          | Ammonia-N      | P         | 0.3492  | mg/l        | 3/22/2019 8:47:57    |      |
| K1943-13MS  | S          | Ammonia-N      | P         | 1.1986  | mg/l        | 3/22/2019 8:47:58    |      |
| K1943-13MSD | S          | Ammonia-N      | P         | 1.2125  | mg/l        | 3/22/2019 8:47:59    |      |
| K1943-14    | S          | Ammonia-N      | P         | 0.1116  | mg/l        | 3/22/2019 8:58:30    |      |
| K1943-15    | S          | Ammonia-N      | P         | 0.0766  | mg/l        | 3/22/2019 8:58:31    |      |
| CCV2        | S          | Ammonia-N      | P         | 0.9719  | mg/l        | 3/22/2019 8:58:32    |      |
| CCB2        | S          | Ammonia-N      | P         | -0.0003 | mg/l        | 3/22/2019 8:58:33    |      |
| K1943-16    | S          | Ammonia-N      | P         | 0.355   | mg/l        | 3/22/2019 8:58:34    |      |
| K1943-17    | S          | Ammonia-N      | P         | 0.0095  | mg/l        | 3/22/2019 8:58:35    |      |
| K1943-18    | S          | Ammonia-N      | P         | 0.0172  | mg/l        | 3/22/2019 8:58:36    |      |
| K1943-19    | S          | Ammonia-N      | P         | 0.0512  | mg/l        | 3/22/2019 8:58:37    |      |
| CCV3        | S          | Ammonia-N      | P         | 0.9769  | mg/l        | 3/22/2019 8:58:40    |      |
| CCB3        | S          | Ammonia-N      | P         | -0.003  | mg/l        | 3/22/2019 8:58:41    |      |

CHEMTECH  
284 Sheffield Street,  
Mountainside, NJ 07092  
Reviewed by : AS

Instrument ID : Konelab

3/22/2019 8:18

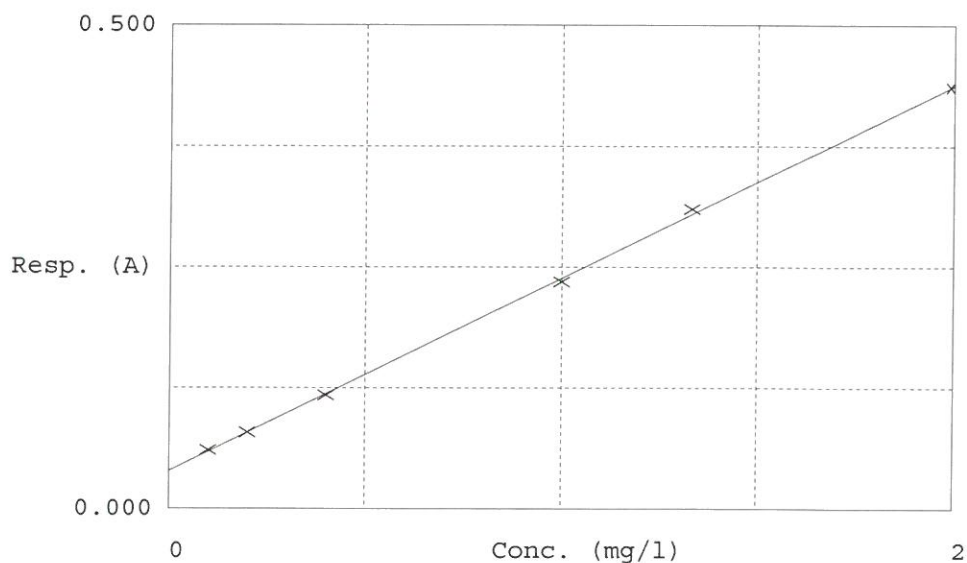
Test Ammonia-N

Accepted 3/22/2019 8:18

Factor 5.02172  
Bias 0.03930

Coeff. of det. 0.999553

Errors



|   | Calibrator | Response | Calc. con. | Conc.   | Errors |
|---|------------|----------|------------|---------|--------|
| 1 | NH3-2PPM   | 0.06053  | 0.10662    | 0.10000 |        |
| 2 | NH3-2PPM   | 0.07897  | 0.19923    | 0.20000 |        |
| 3 | NH3-2PPM   | 0.11760  | 0.39324    | 0.40000 |        |
| 4 | NH3-2PPM   | 0.23474  | 0.98147    | 1.00000 |        |
| 5 | NH3-2PPM   | 0.31023  | 1.36057    | 1.33333 |        |
| 6 | NH3-2PPM   | 0.43601  | 1.99221    | 2.00000 |        |