

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

Instrument ID : Konelab

4/4/2019 9:40

Test: Ammonia-N

Sample Id

Result

Dil. 1 +

Response

Errors

|                 |       |     |       |
|-----------------|-------|-----|-------|
| ICV1            | 1.027 | 0.0 | 0.252 |
| ICB1            | 0.012 | 0.0 | 0.041 |
| CCV1            | 0.967 | 0.0 | 0.239 |
| CCB1            | 0.003 | 0.0 | 0.039 |
| PB118588BL      | 0.004 | 0.0 | 0.039 |
| PB118588BS      | 1.038 | 0.0 | 0.254 |
| K2233-03        | 3.008 | 0.0 | 0.663 |
| K2233-03DUP     | 3.084 | 0.0 | 0.679 |
| K2233-03MS      | 4.053 | 0.0 | 0.880 |
| K2233-03MSD     | 4.111 | 0.0 | 0.892 |
| K2235-01        | 1.005 | 0.0 | 0.247 |
| K2235-02        | 0.029 | 0.0 | 0.044 |
| CCV2            | 1.036 | 0.0 | 0.253 |
| CCB2            | 0.011 | 0.0 | 0.041 |
| K2233-03DLX5    | 0.617 | 0.0 | 0.166 |
| K2233-03DUPDLX5 | 0.609 | 0.0 | 0.165 |
| K2233-03MSDLX5  | 0.825 | 0.0 | 0.210 |
| K2233-03MSDDLX5 | 0.833 | 0.0 | 0.211 |
| CCV3            | 1.019 | 0.0 | 0.250 |
| CCB3            | 0.010 | 0.0 | 0.040 |

Test limit high

Test limit high

Test limit high

Test limit high

|      |        |
|------|--------|
| N    | 20     |
| Mean | 1.165  |
| SD   | 1.3191 |
| CV%  | 113.22 |

Aquakem v. 7.2AQ1

Results from time period:

Thu Apr 04 08:11:33 2019

Thu Apr 04 09:38:01 2019

AS

| Sample Id       | Sam/Ctr/c | Test short name | Test type | Result | Result unit | Result date and time | Stat |
|-----------------|-----------|-----------------|-----------|--------|-------------|----------------------|------|
| 0.1PPM          | A         | Ammonia-N       | P         | 0.108  | mg/l        | 4/4/2019 8:11:33     |      |
| 0.2PPM          | A         | Ammonia-N       | P         | 0.2029 | mg/l        | 4/4/2019 8:11:34     |      |
| 0.4PPM          | A         | Ammonia-N       | P         | 0.4045 | mg/l        | 4/4/2019 8:11:35     |      |
| 1.0PPM          | A         | Ammonia-N       | P         | 0.9764 | mg/l        | 4/4/2019 8:11:36     |      |
| 1.3PPM          | A         | Ammonia-N       | P         | 1.3276 | mg/l        | 4/4/2019 8:11:37     |      |
| 2.0PPM          | A         | Ammonia-N       | P         | 2.0141 | mg/l        | 4/4/2019 8:11:38     |      |
| ICV1            | S         | Ammonia-N       | P         | 1.027  | mg/l        | 4/4/2019 8:41:26     |      |
| ICB1            | S         | Ammonia-N       | P         | 0.0124 | mg/l        | 4/4/2019 8:41:27     |      |
| CCV1            | S         | Ammonia-N       | P         | 0.9671 | mg/l        | 4/4/2019 8:41:28     |      |
| CCB1            | S         | Ammonia-N       | P         | 0.0033 | mg/l        | 4/4/2019 8:41:29     |      |
| PB118588BL      | S         | Ammonia-N       | P         | 0.0037 | mg/l        | 4/4/2019 8:41:30     |      |
| PB118588BS      | S         | Ammonia-N       | P         | 1.038  | mg/l        | 4/4/2019 8:41:31     |      |
| K2233-03        | S         | Ammonia-N       | P         | 3.0078 | mg/l        | 4/4/2019 8:41:32     |      |
| K2233-03DUP     | S         | Ammonia-N       | P         | 3.0839 | mg/l        | 4/4/2019 8:41:33     |      |
| K2233-03MS      | S         | Ammonia-N       | P         | 4.0533 | mg/l        | 4/4/2019 8:41:34     |      |
| K2233-03MSD     | S         | Ammonia-N       | P         | 4.1113 | mg/l        | 4/4/2019 8:41:35     |      |
| K2235-01        | S         | Ammonia-N       | P         | 1.0048 | mg/l        | 4/4/2019 8:41:36     |      |
| K2235-02        | S         | Ammonia-N       | P         | 0.0286 | mg/l        | 4/4/2019 8:41:37     |      |
| CCV2            | S         | Ammonia-N       | P         | 1.0363 | mg/l        | 4/4/2019 8:47:32     |      |
| CCB2            | S         | Ammonia-N       | P         | 0.0107 | mg/l        | 4/4/2019 8:47:33     |      |
| K2233-03DLX5    | S         | Ammonia-N       | P         | 0.6167 | mg/l        | 4/4/2019 9:18:25     |      |
| K2233-03DUPDLX5 | S         | Ammonia-N       | P         | 0.6089 | mg/l        | 4/4/2019 9:18:26     |      |
| K2233-03MSDLX5  | S         | Ammonia-N       | P         | 0.8253 | mg/l        | 4/4/2019 9:18:27     |      |
| K2233-03MSDDLX5 | S         | Ammonia-N       | P         | 0.8328 | mg/l        | 4/4/2019 9:18:28     |      |
| CCV3            | S         | Ammonia-N       | P         | 1.0189 | mg/l        | 4/4/2019 9:18:29     |      |
| CCB3            | S         | Ammonia-N       | P         | 0.0102 | mg/l        | 4/4/2019 9:38:01     |      |

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284 Sheffield Street,  
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Reviewed by : AS

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4/4/2019 8:13  
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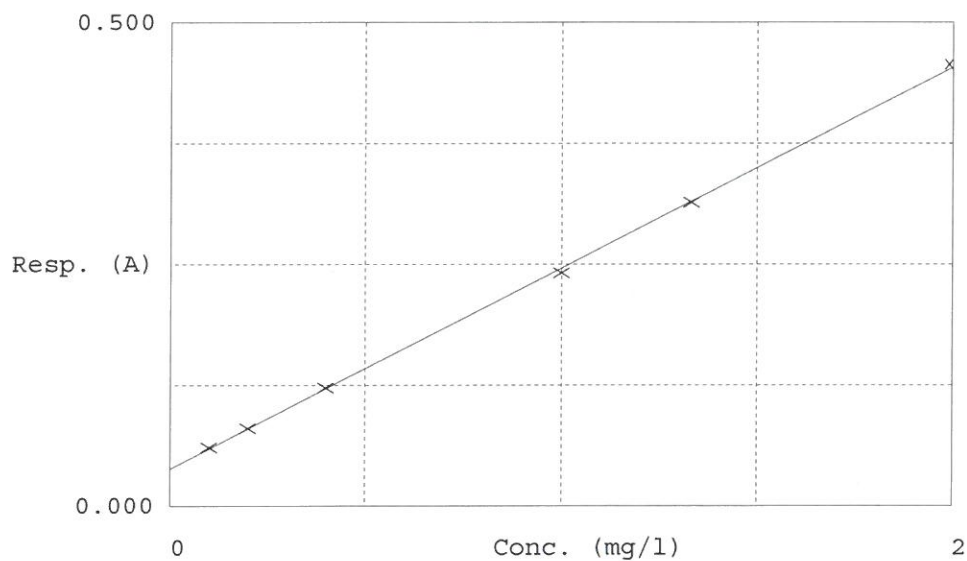
Test Ammonia-N

Accepted 4/4/2019 8:13

Factor 4.817  
Bias 0.038

Coeff. of det. 0.999683

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors |
|---|------------|----------|------------|--------|--------|
| 1 | NH3-2PPM   | 0.061    | 0.1080     | 0.1000 |        |
| 2 | NH3-2PPM   | 0.080    | 0.2029     | 0.2000 |        |
| 3 | NH3-2PPM   | 0.122    | 0.4045     | 0.4000 |        |
| 4 | NH3-2PPM   | 0.241    | 0.9764     | 1.0000 |        |
| 5 | NH3-2PPM   | 0.314    | 1.3276     | 1.3333 |        |
| 6 | NH3-2PPM   | 0.456    | 2.0141     | 2.0000 |        |