

LB107668

Test results

Aquakem 7.2AQ1

Page: 1

CHEMTECH

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

Instrument ID : Konelab

2/10/2020 11:20

Test: TKN-NH3

| Sample Id       | Result | Dil. 1 + | Response | Errors                    |
|-----------------|--------|----------|----------|---------------------------|
| ICV1            | 4.860  | 0.0      | 1.064    |                           |
| ICB1            | 0.179  | 0.0      | 0.042    |                           |
| CCV1            | 4.849  | 0.0      | 1.061    |                           |
| CCB1            | 0.180  | 0.0      | 0.042    |                           |
| PB126659BL      | 0.183  | 0.0      | 0.043    |                           |
| PB126659BS      | 4.882  | 0.0      | 1.068    |                           |
| L1440-01        | 14.018 | 0.0      | 3.062    | Init abs., Test limit hig |
| L1440-01DUP     | 14.393 | 0.0      | 3.144    | Init abs., Test limit hig |
| L1440-01MS      | 19.575 | 0.0      | 4.275    | Init abs., Test limit hig |
| L1440-01MSD     | 19.520 | 0.0      | 4.263    | Init abs., Test limit hig |
| L1446-01        | 1.226  | 0.0      | 0.271    |                           |
| CCV2            | 4.863  | 0.0      | 1.064    |                           |
| CCB2            | 0.178  | 0.0      | 0.042    |                           |
| L1440-01DLX2    | 7.303  | 0.0      | 1.597    |                           |
| L1440-01DUPDLX2 | 7.385  | 0.0      | 1.615    |                           |
| L1440-01MSDLX2  | 9.801  | 0.0      | 2.142    |                           |
| L1440-01MSDDLX2 | 9.974  | 0.0      | 2.180    |                           |
| CCV3            | 4.929  | 0.0      | 1.079    |                           |
| CCB3            | 0.184  | 0.0      | 0.043    |                           |

|      |        |
|------|--------|
| N    | 19     |
| Mean | 6.762  |
| SD   | 6.3379 |
| CV%  | 93.73  |

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

Instrument ID : Konelab

2/10/2020 10:22

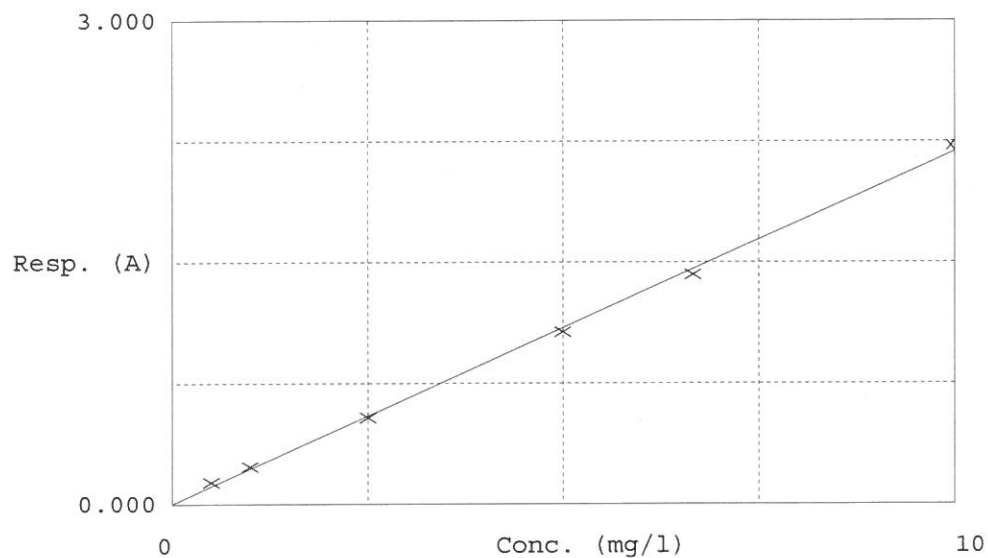
Test TKN-NH3

Accepted 2/10/2020 10:22

Factor 4.582  
Bias 0.003

Coeff. of det. 0.998727

Errors



|   | Calibrator | Response | Calc. con. | Conc.   | Errors |
|---|------------|----------|------------|---------|--------|
| 1 | TKN-10     | 0.135    | 0.6057     | 0.5000  |        |
| 2 | TKN-10     | 0.234    | 1.0573     | 1.0000  |        |
| 3 | TKN-10     | 0.538    | 2.4498     | 2.5000  |        |
| 4 | TKN-10     | 1.067    | 4.8770     | 5.0000  |        |
| 5 | TKN-10     | 1.423    | 6.5083     | 6.6667  |        |
| 6 | TKN-10     | 2.222    | 10.1686    | 10.0000 |        |

Aquakem v. 7.2AQ1

AN

Results from time period:

Mon Feb 10 09:25:09 2020

Mon Feb 10 11:19:29 2020

| Sample Id       | Sam/Ctr/c/ | Test short | Test type | Result  | Result unit | Result date and time | Stat |
|-----------------|------------|------------|-----------|---------|-------------|----------------------|------|
| 0.5PPM          | A          | TKN-NH3    | P         | 0.6057  | mg/l        | 2/10/2020 10:16:50   |      |
| 1.0PPM          | A          | TKN-NH3    | P         | 1.0573  | mg/l        | 2/10/2020 10:16:51   |      |
| 2.5PPM          | A          | TKN-NH3    | P         | 2.4498  | mg/l        | 2/10/2020 10:16:52   |      |
| 5.0PPM          | A          | TKN-NH3    | P         | 4.877   | mg/l        | 2/10/2020 10:16:53   |      |
| 6.7PPM          | A          | TKN-NH3    | P         | 6.5083  | mg/l        | 2/10/2020 10:16:54   |      |
| 10.0PPM         | A          | TKN-NH3    | P         | 10.1686 | mg/l        | 2/10/2020 10:16:55   |      |
| ICV1            | S          | TKN-NH3    | P         | 4.8598  | mg/l        | 2/10/2020 10:50:49   |      |
| ICB1            | S          | TKN-NH3    | P         | 0.1791  | mg/l        | 2/10/2020 10:50:50   |      |
| CCV1            | S          | TKN-NH3    | P         | 4.8491  | mg/l        | 2/10/2020 10:50:51   |      |
| CCB1            | S          | TKN-NH3    | P         | 0.18    | mg/l        | 2/10/2020 10:50:52   |      |
| PB126659BL      | S          | TKN-NH3    | P         | 0.183   | mg/l        | 2/10/2020 10:50:53   |      |
| PB126659BS      | S          | TKN-NH3    | P         | 4.8824  | mg/l        | 2/10/2020 10:50:54   |      |
| L1440-01        | S          | TKN-NH3    | P         | 14.018  | mg/l        | 2/10/2020 10:50:55   |      |
| L1440-01DUP     | S          | TKN-NH3    | P         | 14.3932 | mg/l        | 2/10/2020 10:50:56   |      |
| L1440-01MS      | S          | TKN-NH3    | P         | 19.5748 | mg/l        | 2/10/2020 10:50:57   |      |
| L1440-01MSD     | S          | TKN-NH3    | P         | 19.5196 | mg/l        | 2/10/2020 10:50:58   |      |
| L1446-01        | S          | TKN-NH3    | P         | 1.2261  | mg/l        | 2/10/2020 10:50:59   |      |
| CCV2            | S          | TKN-NH3    | P         | 4.8627  | mg/l        | 2/10/2020 10:51:00   |      |
| CCB2            | S          | TKN-NH3    | P         | 0.1776  | mg/l        | 2/10/2020 10:56:53   |      |
| L1440-01DLX2    | S          | TKN-NH3    | P         | 7.3027  | mg/l        | 2/10/2020 11:19:24   |      |
| L1440-01DUPDLX2 | S          | TKN-NH3    | P         | 7.3847  | mg/l        | 2/10/2020 11:19:25   |      |
| L1440-01MSDLX2  | S          | TKN-NH3    | P         | 9.8008  | mg/l        | 2/10/2020 11:19:26   |      |
| L1440-01MSDDLX2 | S          | TKN-NH3    | P         | 9.9743  | mg/l        | 2/10/2020 11:19:27   |      |
| CCV3            | S          | TKN-NH3    | P         | 4.9287  | mg/l        | 2/10/2020 11:19:28   |      |
| CCB3            | S          | TKN-NH3    | P         | 0.184   | mg/l        | 2/10/2020 11:19:29   |      |