

LB109871

Test results

Aquakem 7.2AQ1

Page: 1

CHEMTECH

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

Instrument ID : Konelab

7/6/2020 13:49

Test: TKN-NH3

mg/L

| Sample Id    | Result | Dil. 1 + | Response | Errors                    |
|--------------|--------|----------|----------|---------------------------|
| ICV1         | 5.319  | 0.0      | 0.960    |                           |
| ICB1         | -0.001 | 0.0      | 0.024    |                           |
| CCV1         | 5.408  | 0.0      | 0.976    |                           |
| CCB1         | -0.007 | 0.0      | 0.023    |                           |
| PB129915BL   | 0.000  | 0.0      | 0.024    |                           |
| PB129915BS   | 5.363  | 0.0      | 0.968    |                           |
| L3194-01     | 5.078  | 0.0      | 0.917    |                           |
| L3198-01     | 13.035 | 0.0      | 2.318    | Test limit high           |
| L3198-02     | 19.144 | 0.0      | 3.392    | Init abs., Test limit hig |
| L3198-03     | 11.206 | 0.0      | 1.996    | Test limit high           |
| L3198-04     | 11.427 | 0.0      | 2.035    | Test limit high           |
| L3198-05     | 0.843  | 0.0      | 0.172    |                           |
| L3198-05DUP  | 0.836  | 0.0      | 0.171    |                           |
| L3198-06MS   | 4.647  | 0.0      | 0.842    |                           |
| CCV2         | 5.256  | 0.0      | 0.949    |                           |
| CCB2         | -0.003 | 0.0      | 0.023    |                           |
| L3198-07MSD  | 4.682  | 0.0      | 0.848    |                           |
| L3198-08     | 2.674  | 0.0      | 0.494    |                           |
| CCV3         | 5.166  | 0.0      | 0.933    |                           |
| CCB3         | -0.001 | 0.0      | 0.024    |                           |
| L3198-01DLX2 | 6.770  | 0.0      | 1.215    |                           |
| L3198-02DLX5 | 4.285  | 0.0      | 0.778    |                           |
| L3198-03DLX2 | 6.008  | 0.0      | 1.081    |                           |
| L3198-04DLX2 | 5.549  | 0.0      | 1.000    |                           |
| CCV4         | 5.489  | 0.0      | 0.990    |                           |
| CCB4         | -0.005 | 0.0      | 0.023    |                           |

|      |        |
|------|--------|
| N    | 26     |
| Mean | 4.930  |
| SD   | 4.6494 |
| CV%  | 94.32  |

Aquakem v. 7.2AQ1

Results from time period:

Mon Jul 06 12:15:54 2020

Mon Jul 06 13:48:10 2020

34

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result  | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|---------|-------------|----------------------|------|
| 0.5PPM       | A          | TKN-NH3    | P         | 0.5381  | mg/l        | 7/6/2020 12:15:54    |      |
| 1.0PPM       | A          | TKN-NH3    | P         | 0.9853  | mg/l        | 7/6/2020 12:15:55    |      |
| 2.5PPM       | A          | TKN-NH3    | P         | 2.4614  | mg/l        | 7/6/2020 12:15:56    |      |
| 5.0PPM       | A          | TKN-NH3    | P         | 5.1372  | mg/l        | 7/6/2020 12:15:57    |      |
| 6.7PPM       | A          | TKN-NH3    | P         | 6.4788  | mg/l        | 7/6/2020 12:15:58    |      |
| 10.0PPM      | A          | TKN-NH3    | P         | 10.0658 | mg/l        | 7/6/2020 12:15:59    |      |
| ICV1         | S          | TKN-NH3    | P         | 5.3194  | mg/l        | 7/6/2020 13:05:23    |      |
| ICB1         | S          | TKN-NH3    | P         | -0.0005 | mg/l        | 7/6/2020 13:05:24    |      |
| CCV1         | S          | TKN-NH3    | P         | 5.4084  | mg/l        | 7/6/2020 13:05:25    |      |
| CCB1         | S          | TKN-NH3    | P         | -0.0069 | mg/l        | 7/6/2020 13:05:26    |      |
| PB129915BL   | S          | TKN-NH3    | P         | 0       | mg/l        | 7/6/2020 13:05:27    |      |
| PB129915BS   | S          | TKN-NH3    | P         | 5.3627  | mg/l        | 7/6/2020 13:05:28    |      |
| L3194-01     | S          | TKN-NH3    | P         | 5.0777  | mg/l        | 7/6/2020 13:05:29    |      |
| L3198-01     | S          | TKN-NH3    | P         | 13.0347 | mg/l        | 7/6/2020 13:05:30    |      |
| L3198-02     | S          | TKN-NH3    | P         | 19.1438 | mg/l        | 7/6/2020 13:05:31    |      |
| L3198-03     | S          | TKN-NH3    | P         | 11.2057 | mg/l        | 7/6/2020 13:05:32    |      |
| L3198-04     | S          | TKN-NH3    | P         | 11.4273 | mg/l        | 7/6/2020 13:05:33    |      |
| L3198-05     | S          | TKN-NH3    | P         | 0.8425  | mg/l        | 7/6/2020 13:05:34    |      |
| L3198-05DUP  | S          | TKN-NH3    | P         | 0.8363  | mg/l        | 7/6/2020 13:14:57    |      |
| L3198-06MS   | S          | TKN-NH3    | P         | 4.6467  | mg/l        | 7/6/2020 13:14:58    |      |
| CCV2         | S          | TKN-NH3    | P         | 5.2562  | mg/l        | 7/6/2020 13:15:00    |      |
| CCB2         | S          | TKN-NH3    | P         | -0.0033 | mg/l        | 7/6/2020 13:15:01    |      |
| L3198-07MSD  | S          | TKN-NH3    | P         | 4.6819  | mg/l        | 7/6/2020 13:15:02    |      |
| L3198-08     | S          | TKN-NH3    | P         | 2.6738  | mg/l        | 7/6/2020 13:15:04    |      |
| CCV3         | S          | TKN-NH3    | P         | 5.1662  | mg/l        | 7/6/2020 13:15:05    |      |
| CCB3         | S          | TKN-NH3    | P         | -0.0007 | mg/l        | 7/6/2020 13:15:06    |      |
| L3198-01DLX2 | S          | TKN-NH3    | P         | 6.7702  | mg/l        | 7/6/2020 13:48:05    |      |
| L3198-02DLX5 | S          | TKN-NH3    | P         | 4.2849  | mg/l        | 7/6/2020 13:48:06    |      |
| L3198-03DLX2 | S          | TKN-NH3    | P         | 6.0083  | mg/l        | 7/6/2020 13:48:07    |      |
| L3198-04DLX2 | S          | TKN-NH3    | P         | 5.5488  | mg/l        | 7/6/2020 13:48:08    |      |
| CCV4         | S          | TKN-NH3    | P         | 5.4888  | mg/l        | 7/6/2020 13:48:09    |      |
| CCB4         | S          | TKN-NH3    | P         | -0.005  | mg/l        | 7/6/2020 13:48:10    |      |

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Calibration results

Aquakem 7.2AQ1

Page: 1

CHEMTECH

284 Sheffield Street,  
Mountainside, NJ 07092Reviewed by :    

Instrument ID : Konelab

7/6/2020 12:18

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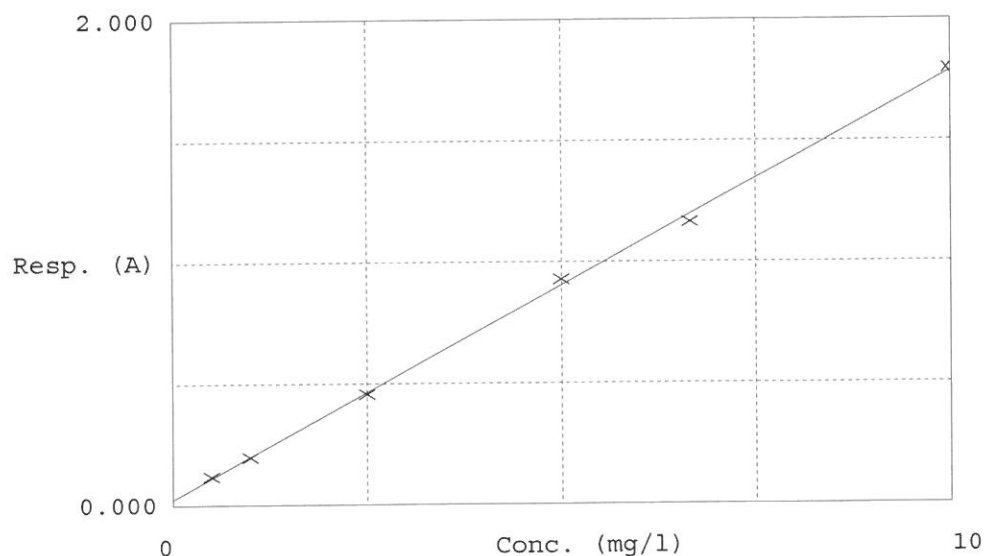
Test TKN-NH3

Accepted 7/6/2020 12:18

Factor 5.683  
Bias 0.024

Coeff. of det. 0.999083

Errors



|   | Calibrator | Response | Calc. con. | Conc.   | Errors |
|---|------------|----------|------------|---------|--------|
| 1 | TKN-10     | 0.119    | 0.5381     | 0.5000  |        |
| 2 | TKN-10     | 0.197    | 0.9853     | 1.0000  |        |
| 3 | TKN-10     | 0.457    | 2.4614     | 2.5000  |        |
| 4 | TKN-10     | 0.928    | 5.1372     | 5.0000  |        |
| 5 | TKN-10     | 1.164    | 6.4788     | 6.6667  |        |
| 6 | TKN-10     | 1.795    | 10.0658    | 10.0000 |        |