

21398048

Test results

Aquakem 7.2AQ1

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

9/20/2018 10:18

Test: TKN-NH3 *mg/L*

| Sample Id    | Result | Dil. 1 + | Response | Errors                    |
|--------------|--------|----------|----------|---------------------------|
| ICV1         | 5.255  | 0.0      | 0.950    |                           |
| ICB1         | 0.189  | 0.0      | 0.043    |                           |
| CCV1         | 5.616  | 0.0      | 1.014    |                           |
| CCB1         | 0.185  | 0.0      | 0.042    |                           |
| PB112970BL   | 0.186  | 0.0      | 0.043    |                           |
| PB112970BS   | 5.264  | 0.0      | 0.951    |                           |
| J4880-13     | 19.941 | 0.0      | 3.577    | Init abs., Test limit hig |
| J4907-01     | 1.082  | 0.0      | 0.203    |                           |
| J4907-01DUP  | 1.079  | 0.0      | 0.202    |                           |
| J4907-01MS   | 5.634  | 0.0      | 1.017    |                           |
| J4907-01MSD  | 5.649  | 0.0      | 1.020    |                           |
| J4907-03     | 0.753  | 0.0      | 0.144    |                           |
| J4907-05     | 10.795 | 0.0      | 1.941    | Test limit high           |
| J4907-07     | 1.940  | 0.0      | 0.356    |                           |
| CCV2         | 5.523  | 0.0      | 0.998    |                           |
| CCB2         | 0.199  | 0.0      | 0.045    |                           |
| J4907-09     | 2.355  | 0.0      | 0.431    |                           |
| J4907-11     | 0.789  | 0.0      | 0.151    |                           |
| CCV3         | 5.650  | 0.0      | 1.020    |                           |
| CCB3         | 0.253  | 0.0      | 0.055    |                           |
| J4880-13DLX5 | 4.314  | 0.0      | 0.781    |                           |
| J4907-05DLX2 | 5.384  | 0.0      | 0.973    |                           |
| CCV4         | 5.660  | 0.0      | 1.022    |                           |
| CCB4         | 0.190  | 0.0      | 0.043    |                           |

|      |        |
|------|--------|
| N    | 24     |
| Mean | 3.912  |
| SD   | 4.4358 |
| CV%  | 113.39 |

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284 Sheffield Street,  
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9/20/2018 8:40  
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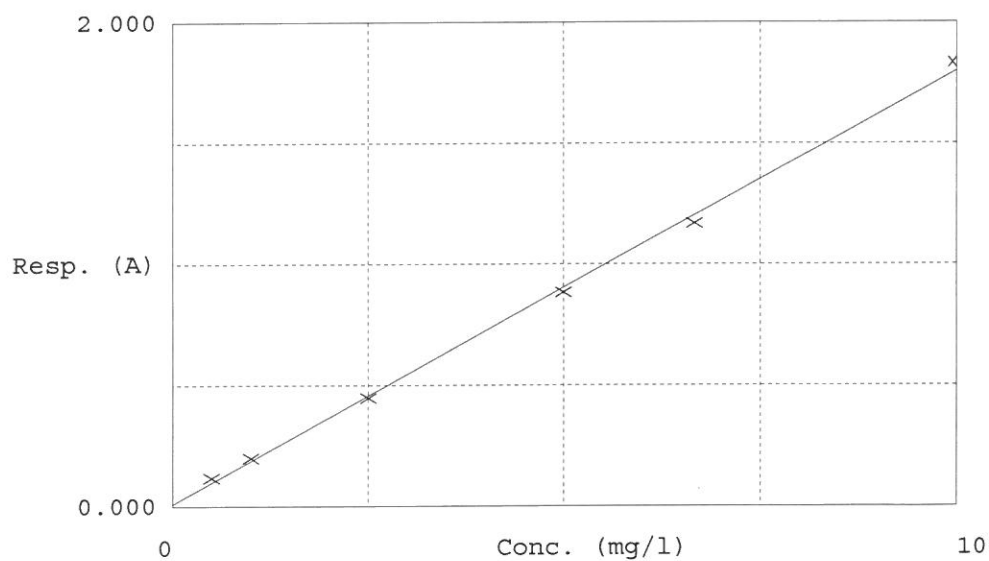
Test TKN-NH3

Accepted 9/20/2018 8:40

Factor 5.589  
Bias 0.009

Coeff. of det. 0.998460

Errors



|   | Calibrator | Response | Calc. con. | Conc.   | Errors |
|---|------------|----------|------------|---------|--------|
| 1 | TKN-10     | 0.118    | 0.6100     | 0.5000  |        |
| 2 | TKN-10     | 0.200    | 1.0631     | 1.0000  |        |
| 3 | TKN-10     | 0.447    | 2.4463     | 2.5000  |        |
| 4 | TKN-10     | 0.884    | 4.8858     | 5.0000  |        |
| 5 | TKN-10     | 1.168    | 6.4749     | 6.6667  |        |
| 6 | TKN-10     | 1.832    | 10.1866    | 10.0000 |        |

Aquakem v. 7.2AQ1

Results from time period:

Thu Sep 20 08:03:59 2018

Thu Sep 20 10:06:20 2018

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result  | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|---------|-------------|----------------------|------|
| 0.5PPM       | A          | TKN-NH3    | P         | 0.61    | mg/l        | 9/20/2018 8:36:46    |      |
| 1.0PPM       | A          | TKN-NH3    | P         | 1.0631  | mg/l        | 9/20/2018 8:36:47    |      |
| 2.5PPM       | A          | TKN-NH3    | P         | 2.4463  | mg/l        | 9/20/2018 8:36:48    |      |
| 5.0PPM       | A          | TKN-NH3    | P         | 4.8858  | mg/l        | 9/20/2018 8:36:49    |      |
| 6.7PPM       | A          | TKN-NH3    | P         | 6.4749  | mg/l        | 9/20/2018 8:36:50    |      |
| 10.0PPM      | A          | TKN-NH3    | P         | 10.1866 | mg/l        | 9/20/2018 8:36:51    |      |
| ICV1         | S          | TKN-NH3    | P         | 5.2553  | mg/l        | 9/20/2018 9:18:14    |      |
| ICB1         | S          | TKN-NH3    | P         | 0.1888  | mg/l        | 9/20/2018 9:18:15    |      |
| CCV1         | S          | TKN-NH3    | P         | 5.6156  | mg/l        | 9/20/2018 9:18:16    |      |
| CCB1         | S          | TKN-NH3    | P         | 0.1852  | mg/l        | 9/20/2018 9:18:17    |      |
| PB112970BL   | S          | TKN-NH3    | P         | 0.1858  | mg/l        | 9/20/2018 9:18:18    |      |
| PB112970BS   | S          | TKN-NH3    | P         | 5.2645  | mg/l        | 9/20/2018 9:18:19    |      |
| J4880-13     | S          | TKN-NH3    | P         | 19.9406 | mg/l        | 9/20/2018 9:18:20    |      |
| J4907-01     | S          | TKN-NH3    | P         | 1.0817  | mg/l        | 9/20/2018 9:18:21    |      |
| J4907-01DUP  | S          | TKN-NH3    | P         | 1.0789  | mg/l        | 9/20/2018 9:18:22    |      |
| J4907-01MS   | S          | TKN-NH3    | P         | 5.6339  | mg/l        | 9/20/2018 9:18:23    |      |
| J4907-01MSD  | S          | TKN-NH3    | P         | 5.6486  | mg/l        | 9/20/2018 9:18:24    |      |
| J4907-03     | S          | TKN-NH3    | P         | 0.7534  | mg/l        | 9/20/2018 9:18:25    |      |
| J4907-05     | S          | TKN-NH3    | P         | 10.7947 | mg/l        | 9/20/2018 9:28:56    |      |
| J4907-07     | S          | TKN-NH3    | P         | 1.9401  | mg/l        | 9/20/2018 9:28:57    |      |
| CCV2         | S          | TKN-NH3    | P         | 5.5229  | mg/l        | 9/20/2018 9:28:58    |      |
| CCB2         | S          | TKN-NH3    | P         | 0.1991  | mg/l        | 9/20/2018 9:28:59    |      |
| J4907-09     | S          | TKN-NH3    | P         | 2.3547  | mg/l        | 9/20/2018 9:29:00    |      |
| J4907-11     | S          | TKN-NH3    | P         | 0.7893  | mg/l        | 9/20/2018 9:29:01    |      |
| CCV3         | S          | TKN-NH3    | P         | 5.65    | mg/l        | 9/20/2018 9:29:05    |      |
| CCB3         | S          | TKN-NH3    | P         | 0.2528  | mg/l        | 9/20/2018 9:29:06    |      |
| J4880-13DLX5 | S          | TKN-NH3    | P         | 4.3141  | mg/l        | 9/20/2018 10:06:15   |      |
| J4907-05DLX2 | S          | TKN-NH3    | P         | 5.3839  | mg/l        | 9/20/2018 10:06:16   |      |
| CCV4         | S          | TKN-NH3    | P         | 5.6602  | mg/l        | 9/20/2018 10:06:19   |      |
| CCB4         | S          | TKN-NH3    | P         | 0.1895  | mg/l        | 9/20/2018 10:06:20   |      |