

LB 86401

Test results

Aquakem 7.2AQ1

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

3/16/2017 12:57

Test: TKN-NH3

| Sample Id   | Result <sup>mg/L</sup> | Dil. 1 + | Response | Errors |
|-------------|------------------------|----------|----------|--------|
| ICV1        | 5.226                  | 0.0      | 1.151    |        |
| ICB1        | 0.087                  | 0.0      | 0.039    |        |
| CCV1        | 5.203                  | 0.0      | 1.146    |        |
| CCB1        | 0.086                  | 0.0      | 0.039    |        |
| PB97601BL   | 0.092                  | 0.0      | 0.040    |        |
| PB97601BS   | 5.243                  | 0.0      | 1.155    |        |
| I2212-13    | 5.787                  | 0.0      | 1.272    |        |
| I2242-01    | 0.717                  | 0.0      | 0.175    |        |
| I2242-01DUP | 0.719                  | 0.0      | 0.176    |        |
| I2242-01MS  | 5.759                  | 0.0      | 1.266    |        |
| I2242-01MSD | 5.734                  | 0.0      | 1.261    |        |
| CCV2        | 5.225                  | 0.0      | 1.151    |        |
| CCB2        | 0.081                  | 0.0      | 0.038    |        |

|      |        |
|------|--------|
| N    | 13     |
| Mean | 3.074  |
| SD   | 2.6917 |
| CV%  | 87.57  |

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Aquakem v. 7.2AQ1

Results from time period:

Thu Mar 16 12:22:29 2017

Thu Mar 16 12:54:49 2017

A12

| Sample Id   | Sam/Ctr/c | Test short | Test type | Result  | Result unit | Result date and time | Stat |
|-------------|-----------|------------|-----------|---------|-------------|----------------------|------|
| 0.5PPM      | A         | TKN-NH3    | P         | 0.5459  | mg/l        | 3/16/2017 12:22:29   |      |
| 1.0PPM      | A         | TKN-NH3    | P         | 1.0301  | mg/l        | 3/16/2017 12:22:30   |      |
| 2.5PPM      | A         | TKN-NH3    | P         | 2.4718  | mg/l        | 3/16/2017 12:22:31   |      |
| 5.0PPM      | A         | TKN-NH3    | P         | 4.9494  | mg/l        | 3/16/2017 12:22:32   |      |
| 6.7PPM      | A         | TKN-NH3    | P         | 6.5939  | mg/l        | 3/16/2017 12:22:33   |      |
| 10.0PPM     | A         | TKN-NH3    | P         | 10.0755 | mg/l        | 3/16/2017 12:22:34   |      |
| ICV1        | S         | TKN-NH3    | P         | 5.2262  | mg/l        | 3/16/2017 12:51:33   |      |
| ICB1        | S         | TKN-NH3    | P         | 0.0867  | mg/l        | 3/16/2017 12:51:34   |      |
| CCV1        | S         | TKN-NH3    | P         | 5.2026  | mg/l        | 3/16/2017 12:51:35   |      |
| CCB1        | S         | TKN-NH3    | P         | 0.0861  | mg/l        | 3/16/2017 12:51:36   |      |
| PB97601BL   | S         | TKN-NH3    | P         | 0.0917  | mg/l        | 3/16/2017 12:51:37   |      |
| PB97601BS   | S         | TKN-NH3    | P         | 5.2433  | mg/l        | 3/16/2017 12:51:38   |      |
| I2212-13    | S         | TKN-NH3    | P         | 5.7874  | mg/l        | 3/16/2017 12:51:39   |      |
| I2242-01    | S         | TKN-NH3    | P         | 0.7172  | mg/l        | 3/16/2017 12:51:40   |      |
| I2242-01DUP | S         | TKN-NH3    | P         | 0.7194  | mg/l        | 3/16/2017 12:51:41   |      |
| I2242-01MS  | S         | TKN-NH3    | P         | 5.7591  | mg/l        | 3/16/2017 12:51:42   |      |
| I2242-01MSD | S         | TKN-NH3    | P         | 5.7339  | mg/l        | 3/16/2017 12:51:43   |      |
| CCV2        | S         | TKN-NH3    | P         | 5.2248  | mg/l        | 3/16/2017 12:51:44   |      |
| CCB2        | S         | TKN-NH3    | P         | 0.0807  | mg/l        | 3/16/2017 12:54:49   |      |

CB86401

Calibration results

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284 Sheffield Street,  
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3/16/2017 12:24

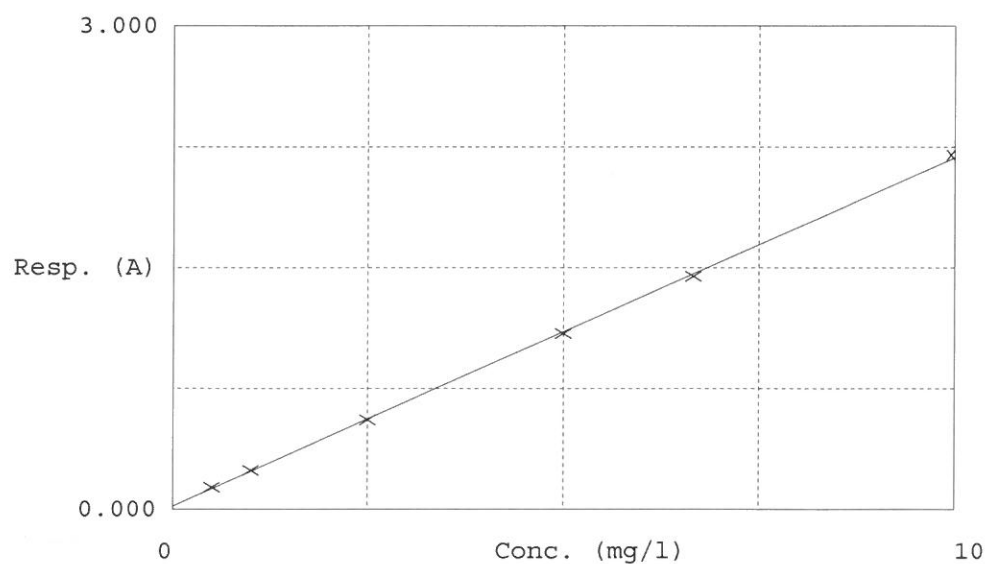
Test TKN-NH3

Accepted 3/16/2017 12:24

Factor 4.623  
Bias 0.020

Coeff. of det. 0.999741

Errors



|   | Calibrator | Response | Calc. con. | Conc.   | Errors |
|---|------------|----------|------------|---------|--------|
| 1 | TKN-10     | 0.138    | 0.5459     | 0.5000  |        |
| 2 | TKN-10     | 0.243    | 1.0301     | 1.0000  |        |
| 3 | TKN-10     | 0.555    | 2.4718     | 2.5000  |        |
| 4 | TKN-10     | 1.091    | 4.9494     | 5.0000  |        |
| 5 | TKN-10     | 1.447    | 6.5939     | 6.6667  |        |
| 6 | TKN-10     | 2.200    | 10.0755    | 10.0000 |        |