

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

Instrument ID : Konelab

4/30/2019 10:25

Test: TKN-NH3

| Sample Id     | Result <i>mg/L</i> | Dil. 1 + | Response | Errors                    |
|---------------|--------------------|----------|----------|---------------------------|
| ICV1          | 5.803              | 0.0      | 1.328    |                           |
| ICB1          | 0.035              | 0.0      | 0.060    |                           |
| CCV1          | 5.091              | 0.0      | 1.171    |                           |
| CCB1          | 0.016              | 0.0      | 0.056    |                           |
| PB119293BL    | 0.017              | 0.0      | 0.056    |                           |
| PB119293BS    | 5.779              | 0.0      | 1.323    |                           |
| K2551-08      | 45.493             | 0.0      | 10.053   | Abs. high, Init abs., Tes |
| PB119257BL    | 0.132              | 0.0      | 0.081    |                           |
| PB119257BS    | 5.794              | 0.0      | 1.326    |                           |
| K2550-01      | 0.958              | 0.0      | 0.263    |                           |
| K2550-01DUP   | 1.031              | 0.0      | 0.279    |                           |
| K2550-01MS    | 5.859              | 0.0      | 1.340    |                           |
| K2550-01MSD   | 6.060              | 0.0      | 1.384    |                           |
| K2597-02      | 2.005              | 0.0      | 0.493    |                           |
| CCV2          | 5.140              | 0.0      | 1.182    |                           |
| CCB2          | 0.108              | 0.0      | 0.076    |                           |
| K2551-08DLX10 | 5.747              | 0.0      | 1.316    |                           |
| CCV4          | 5.177              | 0.0      | 1.190    |                           |
| CCB4          | -0.009             | 0.0      | 0.051    |                           |

|      |         |
|------|---------|
| N    | 19      |
| Mean | 5.276   |
| SD   | 10.0849 |
| CV%  | 191.16  |

Aquakem v. 7.2AQ1

Results from time period:

Tue Apr 30 08:41:45 2019

Tue Apr 30 10:02:21 2019

✓AS

| Sample Id     | Sam/Ctr/c/ | Test short | Test type | Result  | Result unit | Result date and time | Stat |
|---------------|------------|------------|-----------|---------|-------------|----------------------|------|
| 0.5PPM        | A          | TKN-NH3    | P         | 0.4805  | mg/l        | 4/30/2019 8:41:45    |      |
| 1.0PPM        | A          | TKN-NH3    | P         | 0.9637  | mg/l        | 4/30/2019 8:41:46    |      |
| 2.5PPM        | A          | TKN-NH3    | P         | 2.5261  | mg/l        | 4/30/2019 8:41:47    |      |
| 5.0PPM        | A          | TKN-NH3    | P         | 5.0255  | mg/l        | 4/30/2019 8:41:48    |      |
| 6.7PPM        | A          | TKN-NH3    | P         | 6.7232  | mg/l        | 4/30/2019 8:41:49    |      |
| 10.0PPM       | A          | TKN-NH3    | P         | 9.9476  | mg/l        | 4/30/2019 8:41:50    |      |
| ICV1          | S          | TKN-NH3    | P         | 5.803   | mg/l        | 4/30/2019 9:24:02    |      |
| ICB1          | S          | TKN-NH3    | P         | 0.0353  | mg/l        | 4/30/2019 9:24:03    |      |
| CCV1          | S          | TKN-NH3    | P         | 5.0906  | mg/l        | 4/30/2019 9:24:04    |      |
| CCB1          | S          | TKN-NH3    | P         | 0.0162  | mg/l        | 4/30/2019 9:24:05    |      |
| PB119293BL    | S          | TKN-NH3    | P         | 0.0166  | mg/l        | 4/30/2019 9:24:06    |      |
| PB119293BS    | S          | TKN-NH3    | P         | 5.7787  | mg/l        | 4/30/2019 9:24:07    |      |
| K2551-08      | S          | TKN-NH3    | P         | 45.4929 | mg/l        | 4/30/2019 9:24:08    |      |
| PB119257BL    | S          | TKN-NH3    | P         | 0.1316  | mg/l        | 4/30/2019 9:24:09    |      |
| PB119257BS    | S          | TKN-NH3    | P         | 5.7942  | mg/l        | 4/30/2019 9:24:10    |      |
| K2550-01      | S          | TKN-NH3    | P         | 0.9585  | mg/l        | 4/30/2019 9:24:11    |      |
| K2550-01DUP   | S          | TKN-NH3    | P         | 1.0309  | mg/l        | 4/30/2019 9:24:12    |      |
| K2550-01MS    | S          | TKN-NH3    | P         | 5.8585  | mg/l        | 4/30/2019 9:24:13    |      |
| K2550-01MSD   | S          | TKN-NH3    | P         | 6.0596  | mg/l        | 4/30/2019 9:34:09    |      |
| K2597-02      | S          | TKN-NH3    | P         | 2.0048  | mg/l        | 4/30/2019 9:34:10    |      |
| CCV2          | S          | TKN-NH3    | P         | 5.1398  | mg/l        | 4/30/2019 9:34:11    |      |
| CCB2          | S          | TKN-NH3    | P         | 0.1079  | mg/l        | 4/30/2019 9:34:12    |      |
| K2551-08DLX10 | S          | TKN-NH3    | P         | 5.7475  | mg/l        | 4/30/2019 10:02:16   |      |
| CCV4          | S          | TKN-NH3    | P         | 5.1769  | mg/l        | 4/30/2019 10:02:20   |      |
| CCB4          | S          | TKN-NH3    | P         | -0.0085 | mg/l        | 4/30/2019 10:02:21   |      |

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4/30/2019 8:44

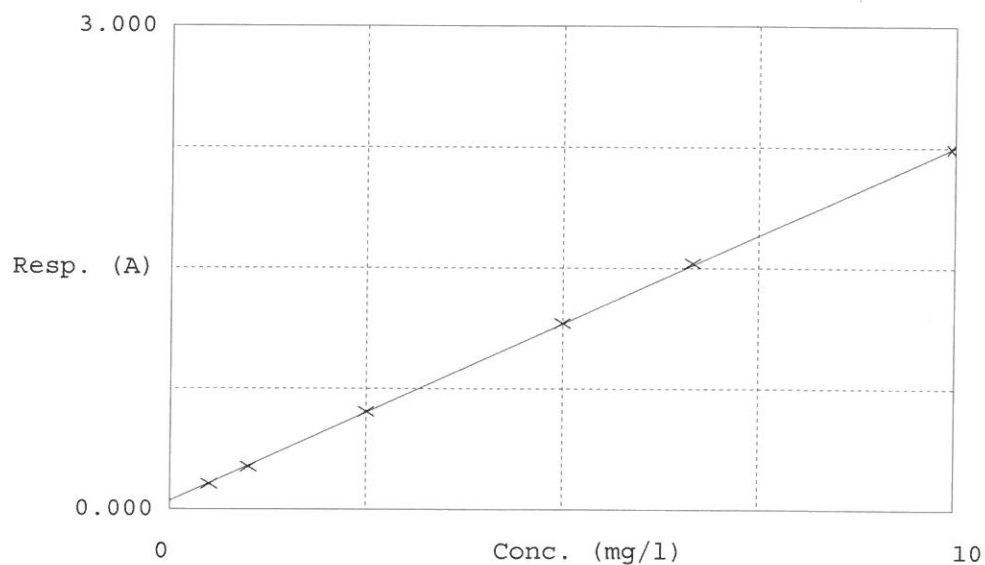
Test TKN-NH3

Accepted 4/30/2019 8:43

Factor 4.549  
Bias 0.052

Coeff. of det. 0.999867

Errors



|   | Calibrator | Response | Calc. con. | Conc.   | Errors |
|---|------------|----------|------------|---------|--------|
| 1 | TKN-10     | 0.158    | 0.4805     | 0.5000  |        |
| 2 | TKN-10     | 0.264    | 0.9637     | 1.0000  |        |
| 3 | TKN-10     | 0.608    | 2.5261     | 2.5000  |        |
| 4 | TKN-10     | 1.157    | 5.0255     | 5.0000  |        |
| 5 | TKN-10     | 1.530    | 6.7232     | 6.6667  |        |
| 6 | TKN-10     | 2.239    | 9.9476     | 10.0000 |        |