

LB112018

Test results

Aquakem 7.2AQ1

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CHEMTECH  
284 Sheffield Street,  
Mountainside, NJ 07092

Reviewed by : AM

Instrument ID : Konelab

11/18/2020 10:52

Test: TKN-NH3

| Sample Id   | Result | Dil. 1 + | Response | Errors |
|-------------|--------|----------|----------|--------|
| ICV1        | 4.640  | 0.0      | 1.058    |        |
| ICB1        | 0.090  | 0.0      | 0.030    |        |
| CCV1        | 4.622  | 0.0      | 1.054    |        |
| CCB1        | 0.095  | 0.0      | 0.031    |        |
| PB133029BL  | 0.092  | 0.0      | 0.030    |        |
| PB133029BS  | 4.617  | 0.0      | 1.053    |        |
| L4728-01    | 0.208  | 0.0      | 0.056    |        |
| L4728-03    | 3.659  | 0.0      | 0.836    |        |
| L4728-04    | 3.576  | 0.0      | 0.818    |        |
| L4729-03    | 1.687  | 0.0      | 0.391    |        |
| L4730-03    | 2.003  | 0.0      | 0.462    |        |
| L4731-03    | 1.262  | 0.0      | 0.295    |        |
| L4731-03DUP | 1.246  | 0.0      | 0.291    |        |
| CCV2        | 4.696  | 0.0      | 1.071    |        |
| CCB2        | 0.102  | 0.0      | 0.032    |        |
| L4731-03MS  | 6.679  | 0.0      | 1.520    |        |
| L4731-03MSD | 6.771  | 0.0      | 1.540    |        |
| CCV3        | 4.815  | 0.0      | 1.098    |        |
| CCB3        | 0.111  | 0.0      | 0.034    |        |

|      |        |
|------|--------|
| N    | 19     |
| Mean | 2.683  |
| SD   | 2.3504 |
| CV%  | 87.61  |

Aquakem v. 7.2AQ1

Results from time period:

Wed Nov 18 09:52:01 2020

Wed Nov 18 10:49:31 2020

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result  | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----------|---------|-------------|----------------------|------|
| 0.5PPM      | A          | TKN-NH3    | P         | 0.5383  | mg/l        | 11/18/2020 9:52:01   |      |
| 1.0PPM      | A          | TKN-NH3    | P         | 1.0063  | mg/l        | 11/18/2020 9:52:02   |      |
| 2.5PPM      | A          | TKN-NH3    | P         | 2.4606  | mg/l        | 11/18/2020 9:52:03   |      |
| 5.0PPM      | A          | TKN-NH3    | P         | 4.9791  | mg/l        | 11/18/2020 9:52:04   |      |
| 6.7PPM      | A          | TKN-NH3    | P         | 6.6606  | mg/l        | 11/18/2020 9:52:05   |      |
| 10.0PPM     | A          | TKN-NH3    | P         | 10.0218 | mg/l        | 11/18/2020 9:52:06   |      |
| ICV1        | S          | TKN-NH3    | P         | 4.6399  | mg/l        | 11/18/2020 10:31:31  |      |
| ICB1        | S          | TKN-NH3    | P         | 0.0904  | mg/l        | 11/18/2020 10:31:33  |      |
| CCV1        | S          | TKN-NH3    | P         | 4.6225  | mg/l        | 11/18/2020 10:31:36  |      |
| CCB1        | S          | TKN-NH3    | P         | 0.0947  | mg/l        | 11/18/2020 10:31:38  |      |
| PB133029BL  | S          | TKN-NH3    | P         | 0.0918  | mg/l        | 11/18/2020 10:31:39  |      |
| PB133029BS  | S          | TKN-NH3    | P         | 4.617   | mg/l        | 11/18/2020 10:31:40  |      |
| L4728-01    | S          | TKN-NH3    | P         | 0.2085  | mg/l        | 11/18/2020 10:31:41  |      |
| L4728-03    | S          | TKN-NH3    | P         | 3.6586  | mg/l        | 11/18/2020 10:31:42  |      |
| L4728-04    | S          | TKN-NH3    | P         | 3.5764  | mg/l        | 11/18/2020 10:42:12  |      |
| L4729-03    | S          | TKN-NH3    | P         | 1.6869  | mg/l        | 11/18/2020 10:42:13  |      |
| L4730-03    | S          | TKN-NH3    | P         | 2.003   | mg/l        | 11/18/2020 10:42:14  |      |
| L4731-03    | S          | TKN-NH3    | P         | 1.2618  | mg/l        | 11/18/2020 10:42:15  |      |
| L4731-03DUP | S          | TKN-NH3    | P         | 1.246   | mg/l        | 11/18/2020 10:42:16  |      |
| CCV2        | S          | TKN-NH3    | P         | 4.6956  | mg/l        | 11/18/2020 10:42:17  |      |
| CCB2        | S          | TKN-NH3    | P         | 0.1017  | mg/l        | 11/18/2020 10:42:20  |      |
| L4731-03MS  | S          | TKN-NH3    | P         | 6.6792  | mg/l        | 11/18/2020 10:42:21  |      |
| L4731-03MSD | S          | TKN-NH3    | P         | 6.7707  | mg/l        | 11/18/2020 10:42:22  |      |
| CCV3        | S          | TKN-NH3    | P         | 4.8155  | mg/l        | 11/18/2020 10:49:28  |      |
| CCB3        | S          | TKN-NH3    | P         | 0.1109  | mg/l        | 11/18/2020 10:49:29  |      |

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 284 Sheffield Street,  
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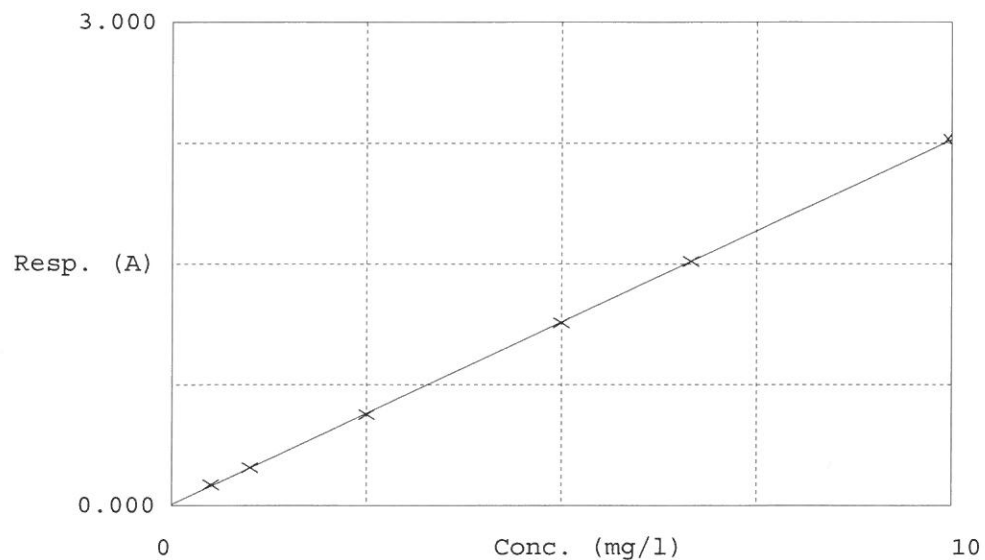
Test TKN-NH3

Accepted 11/18/2020 9:54

Factor 4.422  
 Bias 0.009

Coeff. of det. 0.999940

Errors



|   | Calibrator | Response | Calc. con. | Conc.   | Errors |
|---|------------|----------|------------|---------|--------|
| 1 | TKN-10     | 0.131    | 0.5383     | 0.5000  |        |
| 2 | TKN-10     | 0.237    | 1.0063     | 1.0000  |        |
| 3 | TKN-10     | 0.566    | 2.4606     | 2.5000  |        |
| 4 | TKN-10     | 1.135    | 4.9791     | 5.0000  |        |
| 5 | TKN-10     | 1.515    | 6.6606     | 6.6667  |        |
| 6 | TKN-10     | 2.275    | 10.0218    | 10.0000 |        |