

LR116801

Test results

Aquakem 7.2AQ1

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CHEMTECH CONSULTING GROUP INC  
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : AB

Instrument ID : Konelab

10/12/2021 11:31

Test: TKN-NH3

| Sample Id   | Result | Dil. 1 + | Response | Errors |
|-------------|--------|----------|----------|--------|
| ICV1        | 4.866  | 0.0      | 0.900    |        |
| ICB1        | 0.101  | 0.0      | 0.015    |        |
| CCV1        | 4.846  | 0.0      | 0.896    |        |
| CCB1        | 0.095  | 0.0      | 0.014    |        |
| PB139793BL  | 0.093  | 0.0      | 0.014    |        |
| PB139793BS  | 4.793  | 0.0      | 0.887    |        |
| M4068-09    | 0.284  | 0.0      | 0.049    |        |
| M4096-01    | 0.073  | 0.0      | 0.010    |        |
| M4096-01DUP | 0.088  | 0.0      | 0.013    |        |
| M4096-01MS  | 4.816  | 0.0      | 0.891    |        |
| M4096-01MSD | 4.813  | 0.0      | 0.890    |        |
| M4096-02    | 0.107  | 0.0      | 0.016    |        |
| M4096-06    | 0.086  | 0.0      | 0.013    |        |
| M4104-01    | 0.172  | 0.0      | 0.028    |        |
| CCV2        | 4.876  | 0.0      | 0.902    |        |
| CCB2        | 0.094  | 0.0      | 0.014    |        |
| PB139792BL  | 0.098  | 0.0      | 0.015    |        |
| PB139792BS  | 4.966  | 0.0      | 0.919    |        |
| M4068-03    | 0.296  | 0.0      | 0.051    |        |
| CCV3        | 4.957  | 0.0      | 0.917    |        |
| CCB3        | 0.094  | 0.0      | 0.014    |        |

|      |        |
|------|--------|
| N    | 21     |
| Mean | 1.934  |
| SD   | 2.3583 |
| CV%  | 121.94 |

Aquakem v. 7.2AQ1

Results from time period:

Tue Oct 12 10:48:40 2021

Tue Oct 12 11:31:52 2021

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result  | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----------|---------|-------------|----------------------|------|
| 0.0PPM      | A          | TKN-NH3    | P         | 0.1089  | mg/l        | 10/12/2021 10:48:40  |      |
| 0.5PPM      | A          | TKN-NH3    | P         | 0.5291  | mg/l        | 10/12/2021 10:48:41  |      |
| 1.0PPM      | A          | TKN-NH3    | P         | 0.9925  | mg/l        | 10/12/2021 10:48:42  |      |
| 2.5PPM      | A          | TKN-NH3    | P         | 2.4593  | mg/l        | 10/12/2021 10:48:43  |      |
| 5.0PPM      | A          | TKN-NH3    | P         | 4.8709  | mg/l        | 10/12/2021 10:48:44  |      |
| 6.7PPM      | A          | TKN-NH3    | P         | 6.5626  | mg/l        | 10/12/2021 10:48:45  |      |
| 10.0PPM     | A          | TKN-NH3    | P         | 10.1434 | mg/l        | 10/12/2021 10:48:46  |      |
| ICV1        | S          | TKN-NH3    | P         | 4.8657  | mg/l        | 10/12/2021 11:22:45  |      |
| ICB1        | S          | TKN-NH3    | P         | 0.1011  | mg/l        | 10/12/2021 11:22:46  |      |
| CCV1        | S          | TKN-NH3    | P         | 4.8455  | mg/l        | 10/12/2021 11:22:47  |      |
| CCB1        | S          | TKN-NH3    | P         | 0.095   | mg/l        | 10/12/2021 11:22:48  |      |
| PB139793BL  | S          | TKN-NH3    | P         | 0.0933  | mg/l        | 10/12/2021 11:22:49  |      |
| PB139793BS  | S          | TKN-NH3    | P         | 4.7934  | mg/l        | 10/12/2021 11:22:50  |      |
| M4068-09    | S          | TKN-NH3    | P         | 0.2844  | mg/l        | 10/12/2021 11:22:51  |      |
| M4096-01    | S          | TKN-NH3    | P         | 0.0726  | mg/l        | 10/12/2021 11:22:52  |      |
| M4096-01DUP | S          | TKN-NH3    | P         | 0.088   | mg/l        | 10/12/2021 11:22:53  |      |
| M4096-01MS  | S          | TKN-NH3    | P         | 4.8156  | mg/l        | 10/12/2021 11:22:54  |      |
| M4096-01MSD | S          | TKN-NH3    | P         | 4.8125  | mg/l        | 10/12/2021 11:22:55  |      |
| M4096-02    | S          | TKN-NH3    | P         | 0.1066  | mg/l        | 10/12/2021 11:22:56  |      |
| M4096-06    | S          | TKN-NH3    | P         | 0.0864  | mg/l        | 10/12/2021 11:31:44  |      |
| M4104-01    | S          | TKN-NH3    | P         | 0.1721  | mg/l        | 10/12/2021 11:31:45  |      |
| CCV2        | S          | TKN-NH3    | P         | 4.8756  | mg/l        | 10/12/2021 11:31:46  |      |
| CCB2        | S          | TKN-NH3    | P         | 0.0939  | mg/l        | 10/12/2021 11:31:47  |      |
| PB139792BL  | S          | TKN-NH3    | P         | 0.0976  | mg/l        | 10/12/2021 11:31:48  |      |
| PB139792BS  | S          | TKN-NH3    | P         | 4.9664  | mg/l        | 10/12/2021 11:31:49  |      |
| M4068-03    | S          | TKN-NH3    | P         | 0.2961  | mg/l        | 10/12/2021 11:31:50  |      |
| CCV3        | S          | TKN-NH3    | P         | 4.957   | mg/l        | 10/12/2021 11:31:51  |      |
| CCB3        | S          | TKN-NH3    | P         | 0.0941  | mg/l        | 10/12/2021 11:31:52  |      |

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Reviewed by : ad Instrument ID : Konelab

10/12/2021 10:49

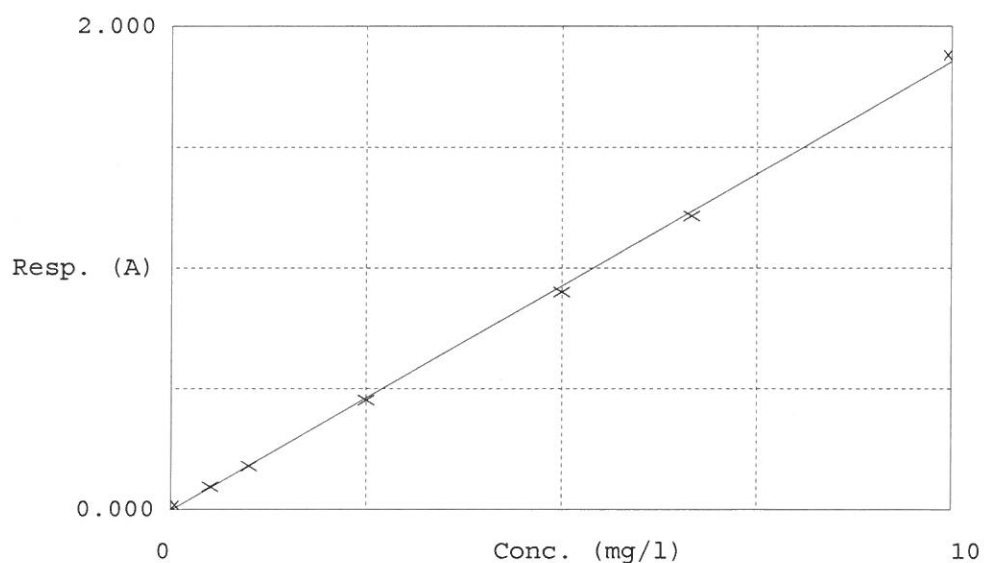
Test TKN-NH3

Accepted 10/12/2021 10:49

Factor 5.385  
Bias -0.004

Coeff. of det. 0.999246

Errors



|   | Calibrator | Response | Calc. con. | Conc.   | Errors |
|---|------------|----------|------------|---------|--------|
| 1 | 0.00PPM    | 0.017    | 0.1089     | 0.0000  | 5.8    |
| 2 | TKN-10     | 0.095    | 0.5291     | 0.5000  | -0.7   |
| 3 | TKN-10     | 0.181    | 0.9925     | 1.0000  | -1.6   |
| 4 | TKN-10     | 0.453    | 2.4593     | 2.5000  | -7.6   |
| 5 | TKN-10     | 0.901    | 4.8709     | 5.0000  | -2.1   |
| 6 | TKN-10     | 1.215    | 6.5626     | 6.6667  | 1.4    |
| 7 | TKN-10     | 1.880    | 10.1434    | 10.0000 |        |

ad

10/12/21