

213118214

Test results

Aquakem 7.2AQ1

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

Reviewed by : 12

Instrument ID : Konelab

1/13/2022 14:22

Test: TKN-NH3

| Sample Id   | Result | Dil. 1 + | Response | Errors |
|-------------|--------|----------|----------|--------|
| ICV1        | 4.799  | 0.0      | 0.803    |        |
| ICB1        | 0.059  | 0.0      | 0.012    |        |
| CCV1        | 4.947  | 0.0      | 0.828    |        |
| CCB1        | 0.058  | 0.0      | 0.012    |        |
| PB142016BL  | 0.057  | 0.0      | 0.012    |        |
| PB142016BS  | 4.939  | 0.0      | 0.826    |        |
| N1098-03    | 0.111  | 0.0      | 0.021    |        |
| N1098-03DUP | 0.119  | 0.0      | 0.022    |        |
| N1098-03MS  | 5.207  | 0.0      | 0.871    |        |
| N1098-03MSD | 5.153  | 0.0      | 0.862    |        |
| CCV2        | 5.175  | 0.0      | 0.866    |        |
| CCB2        | 0.062  | 0.0      | 0.013    |        |

|      |        |
|------|--------|
| N    | 12     |
| Mean | 2.557  |
| SD   | 2.5923 |
| CV%  | 101.37 |

Aquakem v. 7.2AQ1

Results from time period:

Thu Jan 13 13:39:51 2022

Thu Jan 13 14:21:57 2022

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----------|--------|-------------|----------------------|------|
| 0.0PPM      | A          | TKN-NH3    | P         | 0.0623 | mg/l        | 1/13/2022 13:39:51   |      |
| 0.5PPM      | A          | TKN-NH3    | P         | 0.4952 | mg/l        | 1/13/2022 13:39:52   |      |
| 1.0PPM      | A          | TKN-NH3    | P         | 1.0048 | mg/l        | 1/13/2022 13:39:53   |      |
| 2.5PPM      | A          | TKN-NH3    | P         | 2.4351 | mg/l        | 1/13/2022 13:39:54   |      |
| 5.0PPM      | A          | TKN-NH3    | P         | 5.0263 | mg/l        | 1/13/2022 13:39:55   |      |
| 6.7PPM      | A          | TKN-NH3    | P         | 6.5869 | mg/l        | 1/13/2022 13:39:56   |      |
| 10.0PPM     | A          | TKN-NH3    | P         | 10.056 | mg/l        | 1/13/2022 13:39:57   |      |
| ICV1        | S          | TKN-NH3    | P         | 4.7993 | mg/l        | 1/13/2022 14:14:39   |      |
| ICB1        | S          | TKN-NH3    | P         | 0.0586 | mg/l        | 1/13/2022 14:14:40   |      |
| CCV1        | S          | TKN-NH3    | P         | 4.9466 | mg/l        | 1/13/2022 14:14:43   |      |
| CCB1        | S          | TKN-NH3    | P         | 0.0577 | mg/l        | 1/13/2022 14:14:45   |      |
| PB142016BL  | S          | TKN-NH3    | P         | 0.0569 | mg/l        | 1/13/2022 14:14:46   |      |
| PB142016BS  | S          | TKN-NH3    | P         | 4.9394 | mg/l        | 1/13/2022 14:14:48   |      |
| N1098-03    | S          | TKN-NH3    | P         | 0.1111 | mg/l        | 1/13/2022 14:21:52   |      |
| N1098-03DUP | S          | TKN-NH3    | P         | 0.1189 | mg/l        | 1/13/2022 14:21:53   |      |
| N1098-03MS  | S          | TKN-NH3    | P         | 5.2072 | mg/l        | 1/13/2022 14:21:54   |      |
| N1098-03MSD | S          | TKN-NH3    | P         | 5.1527 | mg/l        | 1/13/2022 14:21:55   |      |
| CCV2        | S          | TKN-NH3    | P         | 5.1749 | mg/l        | 1/13/2022 14:21:56   |      |
| CCB2        | S          | TKN-NH3    | P         | 0.0623 | mg/l        | 1/13/2022 14:21:57   |      |

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1/13/2022 13:42

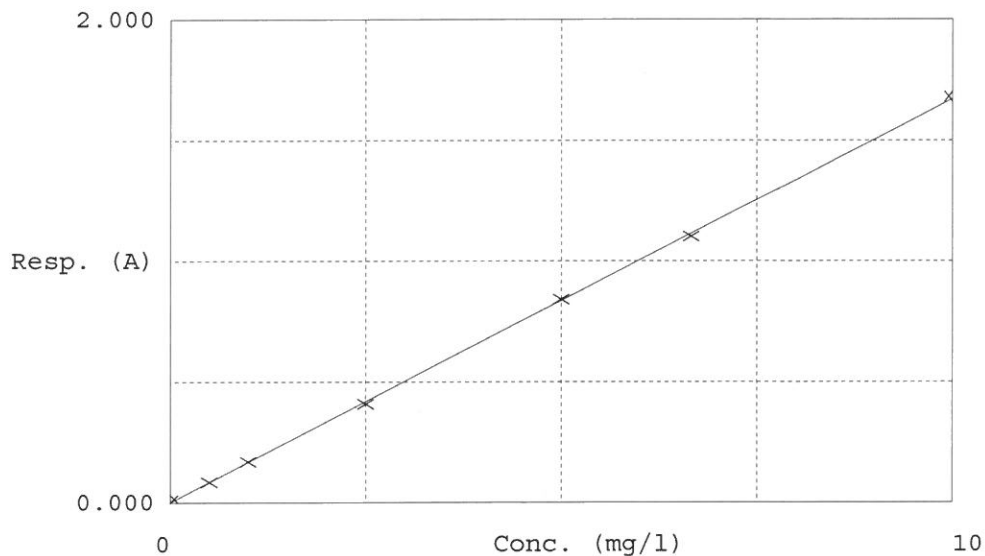
Test TKN-NH3

Accepted 1/13/2022 13:41

Factor 5.993  
Bias 0.002

Coeff. of det. 0.999779

Errors



|   | Calibrator | Response | Calc. con. | Conc.   | Errors |
|---|------------|----------|------------|---------|--------|
| 1 | 0.00PPM    | 0.013    | 0.0623     | 0.0000  | -      |
| 2 | TKN-10     | 0.085    | 0.4952     | 0.5000  | -1.0   |
| 3 | TKN-10     | 0.170    | 1.0048     | 1.0000  | 0.5    |
| 4 | TKN-10     | 0.409    | 2.4351     | 2.5000  | -2.6   |
| 5 | TKN-10     | 0.841    | 5.0263     | 5.0000  | 0.5    |
| 6 | TKN-10     | 1.101    | 6.5869     | 6.6667  | -1.7   |
| 7 | TKN-10     | 1.680    | 10.0560    | 10.0000 | 0.6    |

12 01/13/22