LB116187

Test results | Aquakem 7.2AQ1 | Page: 1

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

Reviewed by : | Instrument ID : Konelab

9/8/2021 11:02

Test: Ammonia-N MN/V

| Sample Id | Result | Dil. 1 + | Response | Errors |
|---|---|---|---|---|
| ICV1 | 0.933 | 0.0 | 0.172 | |
| ICB1 | 0.017 | 0.0 | 0.015 | |
| CCV1 | 0.933 | 0.0 | 0.172 | |
| CCB1 | 0.019 | 0.0 | 0.015 | |
| PB138951BL | 0.017 | 0.0 | 0.015 | |
| PB138951BS | 0.935 | 0.0 | 0.172 | |
| M3655-03 | 0.006 | 0.0 | 0.013 | |
| M3655-03DUP | 0.004 | 0.0 | 0.013 | |
| M3655-03MS | 0.927 | 0.0 | 0.170 | |
| M3655-03MSD | 0.930 | 0.0 | 0.171 | |
| PB138950BL | 0.021 | 0.0 | 0.015 | |
| PB138950BS | 0.934 | 0.0 | 0.172 | |
| M3640-03 | 0.365 | 0.0 | 0.074 | |
| M3640-03DUP | 0.356 | 0.0 | 0.073 | |
| CCV2 | 0.964 | 0.0 | 0.177 | |
| CCB2 | 0.016 | 0.0 | 0.015 | |
| M3640-03MS | 1.301 | 0.0 | 0.234 | |
| M3640-03MSD | 1.343 | 0.0 | 0.242 | |
| M3641-03 | 1.208 | 0.0 | 0.218 | |
| M3664-01 | 0.171 | 0.0 | 0.041 | |
| M3664-02 | 0.173 | 0.0 | 0.041 | |
| CCV3 | 0.967 | 0.0 | 0.177 | |
| CCB3 | 0.021 | 0.0 | 0.016 | |

| | |
|---|---|
| N | 23 |
| Mean | 0.546 |
| SD | 0.4997 |
| CV% | 91.51 |

Aquakem v. 7.2AQ1
Results from time period:
Wed Sep 08 09:37:18 2021
Wed Sep 08 10:59:16 2021

| Sample Id | Sam/Ctr/c/ | Test short r | Test type | Result | Result unit | Result date and time | Stat |
|---|---|---|---|---|---|---|---|
| 0.0PPM | A | Ammonia-N | P | 0.0292 | mg/l | 9/8/2021 9:37:18 | |
| 0.1PPM | A | Ammonia-N | P | 0.0978 | mg/l | 9/8/2021 9:37:19 | |
| 0.2PPM | A | Ammonia-N | P | 0.1926 | mg/l | 9/8/2021 9:37:20 | |
| 0.4PPM | A | Ammonia-N | P | 0.3833 | mg/l | 9/8/2021 9:37:21 | |
| 1.0PPM | A | Ammonia-N | P | 1.0213 | mg/l | 9/8/2021 9:37:22 | |
| 1.3PPM | A | Ammonia-N | P | 1.2801 | mg/l | 9/8/2021 9:37:23 | |
| 2.0PPM | A | Ammonia-N | P | 2.0291 | mg/l | 9/8/2021 9:37:24 | |
| ICV1 | S | Ammonia-N | P | 0.9331 | mg/l | 9/8/2021 10:42:27 | |
| ICB1 | S | Ammonia-N | P | 0.0166 | mg/l | 9/8/2021 10:42:29 | |
| CCV1 | S | Ammonia-N | P | 0.9335 | mg/l | 9/8/2021 10:42:31 | |
| CCB1 | S | Ammonia-N | P | 0.0192 | mg/l | 9/8/2021 10:42:33 | |
| PB138951BL | S | Ammonia-N | P | 0.0166 | mg/l | 9/8/2021 10:42:36 | |
| PB138951BS | S | Ammonia-N | P | 0.9349 | mg/l | 9/8/2021 10:42:37 | |
| M3655-03 | S | Ammonia-N | P | 0.0061 | mg/l | 9/8/2021 10:42:38 | |
| M3655-03DUP | S | Ammonia-N | P | 0.0041 | mg/l | 9/8/2021 10:53:09 | |
| M3655-03MS | S | Ammonia-N | P | 0.9267 | mg/l | 9/8/2021 10:53:10 | |
| M3655-03MSD | S | Ammonia-N | P | 0.9297 | mg/l | 9/8/2021 10:53:11 | |
| PB138950BL | S | Ammonia-N | P | 0.0208 | mg/l | 9/8/2021 10:53:12 | |
| PB138950BS | S | Ammonia-N | P | 0.9339 | mg/l | 9/8/2021 10:53:13 | |
| M3640-03 | S | Ammonia-N | P | 0.3652 | mg/l | 9/8/2021 10:53:14 | |
| M3640-03DUP | S | Ammonia-N | P | 0.3558 | mg/l | 9/8/2021 10:53:15 | |
| CCV2 | S | Ammonia-N | P | 0.9642 | mg/l | 9/8/2021 10:53:16 | |
| CCB2 | S | Ammonia-N | P | 0.016 | mg/l | 9/8/2021 10:53:17 | |
| M3640-03MS | S | Ammonia-N | P | 1.3009 | mg/l | 9/8/2021 10:53:18 | |
| M3640-03MSD | S | Ammonia-N | P | 1.3432 | mg/l | 9/8/2021 10:53:19 | |
| M3641-03 | S | Ammonia-N | P | 1.2079 | mg/l | 9/8/2021 10:53:20 | |
| M3664-01 | S | Ammonia-N | P | 0.1708 | mg/l | 9/8/2021 10:59:13 | |
| M3664-02 | S | Ammonia-N | P | 0.1729 | mg/l | 9/8/2021 10:59:14 | |
| CCV3 | S | Ammonia-N | P | 0.9673 | mg/l | 9/8/2021 10:59:15 | |
| CCB3 | S | Ammonia-N | P | 0.0212 | mg/l | 9/8/2021 10:59:16 | |

Calibration results  Aquakem 7.2AQ1  Page: 1

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284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : AA  Instrument ID : Konelab

9/8/2021 9:48

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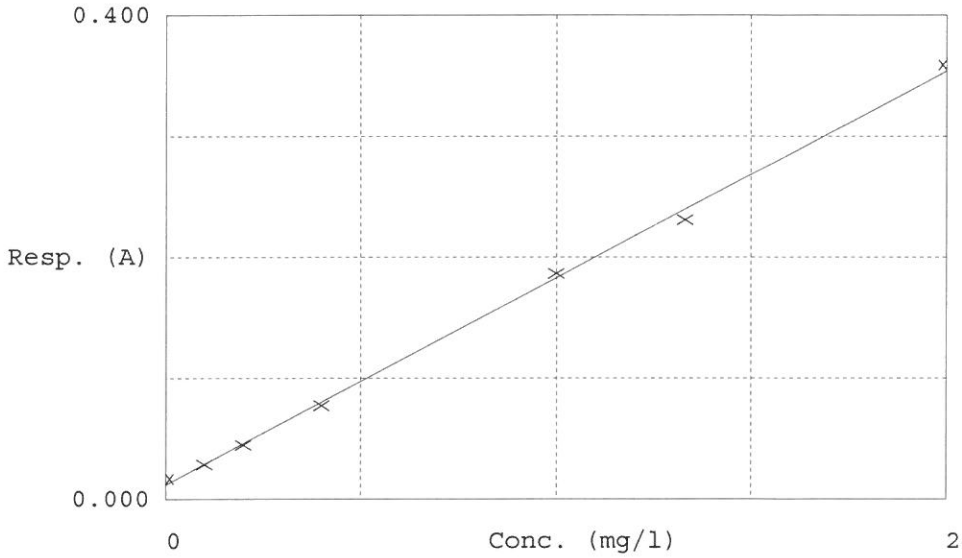
Test Ammonia-N

Accepted 9/8/2021 9:48

Factor 5.847
Bias 0.012

Coeff. of det. 0.998421

Errors




| | Calibrator | Response | Calc. con. | Conc. | Errors (Relative) |
|---|---|---|---|---|---|
| 1 | 0.00PPM | 0.017 | 0.0292 | 0.0000 | -2.2 |
| 2 | NH3-2PPM | 0.029 | 0.0978 | 0.1000 | -3.7 |
| 3 | NH3-2PPM | 0.045 | 0.1926 | 0.2000 | -4.2 |
| 4 | NH3-2PPM | 0.077 | 0.3833 | 0.4000 | 2.1 |
| 5 | NH3-2PPM | 0.187 | 1.0213 | 1.0000 | -1.5 |
| 6 | NH3-2PPM | 0.231 | 1.2801 | 1.3333 | 1.5 |
| 7 | NH3-2PPM | 0.359 | 2.0291 | 2.0000 | |

ok 9/8/21