

LB112883

Test results

Aquakem 7.2AQ1

Page: 1

CHEMTECH

284 Sheffield Street,  
Mountainside, NJ 07092Reviewed by : AM

Instrument ID : Konelab

1/22/2021 9:37

Test: Total CN

| Sample Id     | Result <sup>ug/L</sup> | Dil. 1 + | Response | Errors |
|---------------|------------------------|----------|----------|--------|
| ICV1          | 96.148                 | 0.0      | 0.090    |        |
| ICB1          | 0.081                  | 0.0      | 0.000    |        |
| CCV1          | 244.913                | 0.0      | 0.229    |        |
| CCB1          | 0.112                  | 0.0      | 0.000    |        |
| PB134262BL    | 0.255                  | 0.0      | 0.001    |        |
| PB134262BS    | 97.627                 | 0.0      | 0.092    |        |
| LOWPB134262   | 9.901                  | 0.0      | 0.010    |        |
| HIGHPB134262  | 480.951                | 0.0      | 0.450    |        |
| M1191-01      | 0.364                  | 0.0      | 0.001    |        |
| M1191-03      | 4.832                  | 0.0      | 0.005    |        |
| M1191-04      | 2.048                  | 0.0      | 0.002    |        |
| M1191-05      | 0.398                  | 0.0      | 0.001    |        |
| M1191-05DUP   | 0.681                  | 0.0      | 0.001    |        |
| CCV2          | 245.101                | 0.0      | 0.229    |        |
| CCB2          | 0.271                  | 0.0      | 0.001    |        |
| M1191-05MS    | 31.857                 | 0.0      | 0.030    |        |
| M1191-05MSD   | 32.222                 | 0.0      | 0.030    |        |
| M1191-06      | 0.269                  | 0.0      | 0.001    |        |
| PB134263BS    | 98.569                 | 0.0      | 0.092    |        |
| M1191-06MS    | 29.427                 | 0.0      | 0.028    |        |
| M1191-06MSD   | 29.327                 | 0.0      | 0.028    |        |
| M1191-07      | 0.070                  | 0.0      | 0.000    |        |
| M1191-08      | 0.553                  | 0.0      | 0.001    |        |
| CCV3          | 245.865                | 0.0      | 0.230    |        |
| CCB3          | 0.417                  | 0.0      | 0.001    |        |
| M1191-09      | 0.237                  | 0.0      | 0.001    |        |
| M1191-10      | 0.727                  | 0.0      | 0.001    |        |
| CCV4          | 247.593                | 0.0      | 0.232    |        |
| CCB4          | 0.287                  | 0.0      | 0.001    |        |
| PB134263BL    | 0.086                  | 0.0      | 0.000    |        |
| M1191-06DUP   | 0.034                  | 0.0      | 0.000    |        |
| M1191-06DUP02 | 0.073                  | 0.0      | 0.000    |        |
| M1191-05A     | 36.219                 | 0.0      | 0.034    |        |
| M1191-06A     | 35.929                 | 0.0      | 0.034    |        |
| CCV5          | 245.551                | 0.0      | 0.230    |        |
| CCB5          | -0.180                 | 0.0      | 0.000    |        |

→ % recover = 99 (90-110)  
 → % recover = 96 (90-110)

01/22/2021  
AM01/22/2021  
AM

N 36  
 Mean 61.634  
 SD 111.0553  
 CV% 180.19

Aquakem v. 7.2AQ1

Results from time period:

Thu Jan 21 13:12:06 2021

Thu Jan 21 17:18:39 2021

| Sample Id    | Sam/Ctr/c | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|-----------|------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN     | A         | Total CN   | P         | -0.27    | µg/l        | 1/21/2021 13:12:06   |      |
| 5.OPPBCN     | A         | Total CN   | P         | 4.6553   | µg/l        | 1/21/2021 13:12:07   |      |
| 10PPBCN      | A         | Total CN   | P         | 9.6075   | µg/l        | 1/21/2021 13:12:08   |      |
| 50PPBCN      | A         | Total CN   | P         | 49.4787  | µg/l        | 1/21/2021 13:12:09   |      |
| 100PPBCN     | A         | Total CN   | P         | 99.8951  | µg/l        | 1/21/2021 13:12:10   |      |
| 250PPBCN     | A         | Total CN   | P         | 253.098  | µg/l        | 1/21/2021 13:12:11   |      |
| 500PPBCN     | A         | Total CN   | P         | 498.5354 | µg/l        | 1/21/2021 13:12:12   |      |
| ICV1         | S         | Total CN   | P         | 96.1482  | µg/l        | 1/21/2021 15:57:29   |      |
| ICB1         | S         | Total CN   | P         | 0.0812   | µg/l        | 1/21/2021 15:57:31   |      |
| CCV1         | S         | Total CN   | P         | 244.9135 | µg/l        | 1/21/2021 15:57:34   |      |
| CCB1         | S         | Total CN   | P         | 0.1118   | µg/l        | 1/21/2021 15:57:35   |      |
| PB134262BL   | S         | Total CN   | P         | 0.2554   | µg/l        | 1/21/2021 15:57:38   |      |
| PB134262BS   | S         | Total CN   | P         | 97.6266  | µg/l        | 1/21/2021 15:57:39   |      |
| LOWPB134262  | S         | Total CN   | P         | 9.9006   | µg/l        | 1/21/2021 16:05:04   |      |
| HIGHPB134262 | S         | Total CN   | P         | 480.9507 | µg/l        | 1/21/2021 16:05:05   |      |
| M1191-01     | S         | Total CN   | P         | 0.3638   | µg/l        | 1/21/2021 16:05:06   |      |
| M1191-03     | S         | Total CN   | P         | 4.8316   | µg/l        | 1/21/2021 16:05:08   |      |
| M1191-04     | S         | Total CN   | P         | 2.048    | µg/l        | 1/21/2021 16:05:09   |      |
| M1191-05     | S         | Total CN   | P         | 0.3982   | µg/l        | 1/21/2021 16:05:10   |      |
| M1191-05DUP  | S         | Total CN   | P         | 0.6808   | µg/l        | 1/21/2021 16:05:11   |      |
| CCV2         | S         | Total CN   | P         | 245.1008 | µg/l        | 1/21/2021 16:05:13   |      |
| CCB2         | S         | Total CN   | P         | 0.2709   | µg/l        | 1/21/2021 16:05:14   |      |
| M1191-05MS   | S         | Total CN   | P         | 31.8575  | µg/l        | 1/21/2021 16:12:41   |      |
| M1191-05MSD  | S         | Total CN   | P         | 32.2216  | µg/l        | 1/21/2021 16:12:42   |      |
| M1191-06     | S         | Total CN   | P         | 0.2691   | µg/l        | 1/21/2021 16:12:47   |      |
| PB134263BS   | S         | Total CN   | P         | 98.5686  | µg/l        | 1/21/2021 16:12:48   |      |
| M1191-06MS   | S         | Total CN   | P         | 29.4273  | µg/l        | 1/21/2021 16:12:49   |      |
| M1191-06MSD  | S         | Total CN   | P         | 29.3271  | µg/l        | 1/21/2021 16:12:50   |      |
| M1191-07     | S         | Total CN   | P         | 0.0696   | µg/l        | 1/21/2021 16:20:13   |      |
| M1191-08     | S         | Total CN   | P         | 0.5526   | µg/l        | 1/21/2021 16:20:14   |      |
| CCV3         | S         | Total CN   | P         | 245.8647 | µg/l        | 1/21/2021 16:20:16   |      |
| CCB3         | S         | Total CN   | P         | 0.4171   | µg/l        | 1/21/2021 16:20:17   |      |
| M1191-09     | S         | Total CN   | P         | 0.2368   | µg/l        | 1/21/2021 16:20:19   |      |
| M1191-10     | S         | Total CN   | P         | 0.7272   | µg/l        | 1/21/2021 16:20:20   |      |
| CCV4         | S         | Total CN   | P         | 247.5931 | µg/l        | 1/21/2021 17:04:43   |      |
| CCB4         | S         | Total CN   | P         | 0.2869   | µg/l        | 1/21/2021 17:04:45   |      |
| PB134263BL   | S         | Total CN   | P         | 0.0855   | µg/l        | 1/21/2021 17:11:59   |      |
| M1191-06DUP  | S         | Total CN   | P         | 0.0344   | µg/l        | 1/21/2021 17:12:00   |      |
| M1191-02     | S         | Total CN   | P         | 0.0732   | µg/l        | 1/21/2021 17:12:01   |      |
| M1191-05A    | S         | Total CN   | P         | 36.2185  | µg/l        | 1/21/2021 17:12:03   |      |
| M1191-06A    | S         | Total CN   | P         | 35.9287  | µg/l        | 1/21/2021 17:12:04   |      |
| CCV5         | S         | Total CN   | P         | 245.5512 | µg/l        | 1/21/2021 17:12:07   |      |

CCB5

S

Total CN P

-0.1802 µg/l

1/21/2021 17:18:39

CHEMTECH

284 Sheffield Street,  
Mountainside, NJ 07092Reviewed by : AM

Instrument ID : Konelab

1/21/2021 13:13

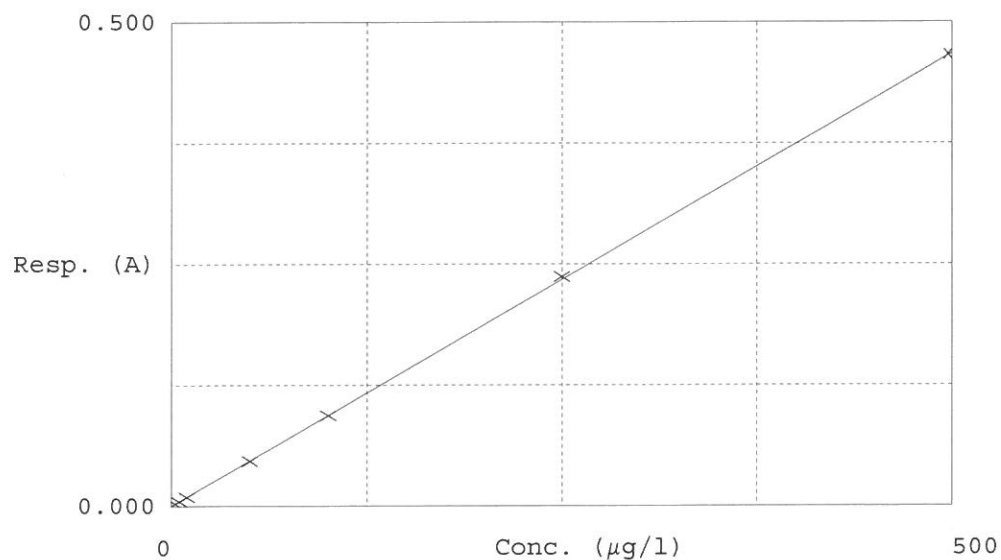
Test Total CN

Accepted 1/21/2021 13:13

Factor 1070  
Bias 0

Coeff. of det. 0.999940

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors | %   |
|---|------------|----------|------------|----------|--------|-----|
| 1 | 0.0PPBCN   | 0.000    | -0.2700    | 0.0000   |        | 93  |
| 2 | 5.0PPBCN   | 0.005    | 4.6553     | 5.0000   |        | 96  |
| 3 | 10PPBCN    | 0.009    | 9.6075     | 10.0000  |        | 98  |
| 4 | 50PPBCN    | 0.047    | 49.4787    | 50.0000  |        | 100 |
| 5 | 100PPBCN   | 0.094    | 99.8951    | 100.0000 |        | 101 |
| 6 | 250PPBCN   | 0.237    | 253.0980   | 250.0000 |        | 100 |
| 7 | 500PPBCN   | 0.466    | 498.5354   | 500.0000 |        |     |

01/21/2021  
AM