

LB114476

Test results

Aquakem 7.2AQ1

Page: 1

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

Reviewed by : AM

Instrument ID : Konelab

5/14/2021 14:45

Test: Total CN

| Sample Id    | Result <sup>ug/L</sup> | Dil. 1 + | Response | Errors |
|--------------|------------------------|----------|----------|--------|
| ICV1         | 96.610                 | 0.0      | 0.074    |        |
| ICB1         | 0.058                  | 0.0      | 0.001    |        |
| CCV1         | 248.259                | 0.0      | 0.190    |        |
| CCB1         | 0.087                  | 0.0      | 0.001    |        |
| PB136307BL   | 0.081                  | 0.0      | 0.001    |        |
| PB136307BS   | 98.570                 | 0.0      | 0.076    |        |
| LOWPB136307  | 9.853                  | 0.0      | 0.008    |        |
| HIGHPB136307 | 492.704                | 0.0      | 0.376    |        |
| M2262-07     | 2.714                  | 0.0      | 0.003    |        |
| M2262-08     | 4.750                  | 0.0      | 0.004    |        |
| PB136380BL   | -0.004                 | 0.0      | 0.001    |        |
| PB136380BS   | 98.916                 | 0.0      | 0.076    |        |
| LOWPB136380  | 9.785                  | 0.0      | 0.008    |        |
| HIGHPB136380 | 491.332                | 0.0      | 0.375    |        |
| CCV2         | 248.231                | 0.0      | 0.190    |        |
| CCB2         | 0.502                  | 0.0      | 0.001    |        |
| M2369-01     | 3.286                  | 0.0      | 0.003    |        |
| M2383-01     | 13.369                 | 0.0      | 0.011    |        |
| M2383-03     | 9.271                  | 0.0      | 0.008    |        |
| M2383-03DUP  | 9.799                  | 0.0      | 0.008    |        |
| M2383-04MS   | 44.888                 | 0.0      | 0.035    |        |
| M2383-05MSD  | 45.037                 | 0.0      | 0.035    |        |
| M2383-02     | 40.673                 | 0.0      | 0.032    |        |
| M2383-06     | 42.143                 | 0.0      | 0.033    |        |
| CCV3         | 260.400                | 0.0      | 0.199    |        |
| CCB3         | 0.380                  | 0.0      | 0.001    |        |

Low/High recoveries:

→ 98.5% (90-110)  
→ 98.5% (90-110)

N 26  
Mean 87.373  
SD 143.3376  
CV% 164.05

05/14/2021  
AM  
M2383  
M2383-02  
M2383-06

Aquakem v. 7.2AQ1

Results from time period:

Fri May 14 13:18:34 2021

Fri May 14 14:34:53 2021

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN     | A          | Total CN   | P         | -0.3556  | µg/l        | 5/14/2021 9:15:56    |      |
| 5.OPPBCN     | A          | Total CN   | P         | 4.1646   | µg/l        | 5/14/2021 9:15:57    |      |
| 10PPBCN      | A          | Total CN   | P         | 9.7332   | µg/l        | 5/14/2021 9:15:58    |      |
| 50PPBCN      | A          | Total CN   | P         | 50.6709  | µg/l        | 5/14/2021 9:15:59    |      |
| 100PPBCN     | A          | Total CN   | P         | 99.7542  | µg/l        | 5/14/2021 9:16:00    |      |
| 250PPBCN     | A          | Total CN   | P         | 252.0741 | µg/l        | 5/14/2021 9:16:01    |      |
| 500PPBCN     | A          | Total CN   | P         | 498.9587 | µg/l        | 5/14/2021 9:16:02    |      |
| ICV1         | S          | Total CN   | P         | 96.6102  | µg/l        | 5/14/2021 14:07:21   |      |
| ICB1         | S          | Total CN   | P         | 0.0578   | µg/l        | 5/14/2021 14:07:22   |      |
| CCV1         | S          | Total CN   | P         | 248.2593 | µg/l        | 5/14/2021 14:07:24   |      |
| CCB1         | S          | Total CN   | P         | 0.087    | µg/l        | 5/14/2021 14:07:27   |      |
| PB136307BL   | S          | Total CN   | P         | 0.0808   | µg/l        | 5/14/2021 14:07:28   |      |
| PB136307BS   | S          | Total CN   | P         | 98.5704  | µg/l        | 5/14/2021 14:07:29   |      |
| LOWPB136307  | S          | Total CN   | P         | 9.8529   | µg/l        | 5/14/2021 14:07:30   |      |
| HIGHPB136307 | S          | Total CN   | P         | 492.7039 | µg/l        | 5/14/2021 14:14:56   |      |
| M2262-07     | S          | Total CN   | P         | 2.7138   | µg/l        | 5/14/2021 14:14:58   |      |
| M2262-08     | S          | Total CN   | P         | 4.7503   | µg/l        | 5/14/2021 14:15:01   |      |
| PB136380BL   | S          | Total CN   | P         | -0.0042  | µg/l        | 5/14/2021 14:15:02   |      |
| PB136380BS   | S          | Total CN   | P         | 98.9162  | µg/l        | 5/14/2021 14:15:03   |      |
| LOWPB136380  | S          | Total CN   | P         | 9.7847   | µg/l        | 5/14/2021 14:15:04   |      |
| HIGHPB136380 | S          | Total CN   | P         | 491.3322 | µg/l        | 5/14/2021 14:22:27   |      |
| CCV2         | S          | Total CN   | P         | 248.2309 | µg/l        | 5/14/2021 14:22:29   |      |
| CCB2         | S          | Total CN   | P         | 0.5024   | µg/l        | 5/14/2021 14:22:30   |      |
| M2369-01     | S          | Total CN   | P         | 3.2857   | µg/l        | 5/14/2021 14:22:32   |      |
| M2383-01     | S          | Total CN   | P         | 13.3689  | µg/l        | 5/14/2021 14:22:33   |      |
| M2383-03     | S          | Total CN   | P         | 9.271    | µg/l        | 5/14/2021 14:30:02   |      |
| M2383-03DUP  | S          | Total CN   | P         | 9.7991   | µg/l        | 5/14/2021 14:30:03   |      |
| M2383-04MS   | S          | Total CN   | P         | 44.8881  | µg/l        | 5/14/2021 14:30:05   |      |
| M2383-05MSD  | S          | Total CN   | P         | 45.0375  | µg/l        | 5/14/2021 14:30:06   |      |
| M2383-02     | S          | Total CN   | P         | 40.6732  | µg/l        | 5/14/2021 14:30:09   |      |
| M2383-06     | S          | Total CN   | P         | 42.1428  | µg/l        | 5/14/2021 14:30:10   |      |
| CCV3         | S          | Total CN   | P         | 260.3998 | µg/l        | 5/14/2021 14:34:51   |      |
| CCB3         | S          | Total CN   | P         | 0.3797   | µg/l        | 5/14/2021 14:34:53   |      |

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

5/14/2021 11:14      Reviewed by : AM      Instrument ID : Konelab

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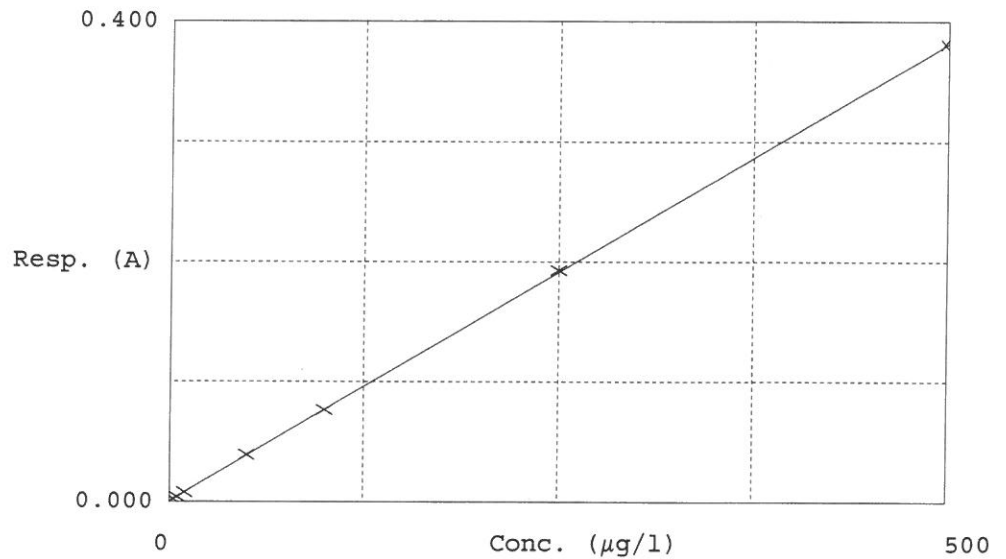
Test      Total CN

Accepted                      5/14/2021      9:23

Factor                      1311  
Bias                        0.001

Coeff. of det.              0.999967

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors %RE |
|---|------------|----------|------------|----------|------------|
| 1 | 0.0PPBCN   | 0.000    | -0.3556    | 0.0000   | -16.7      |
| 2 | 5.0PPBCN   | 0.004    | 4.1646     | 5.0000   | -2.7       |
| 3 | 10PPBCN    | 0.008    | 9.7332     | 10.0000  | 1.3        |
| 4 | 50PPBCN    | 0.039    | 50.6709    | 50.0000  | -0.2       |
| 5 | 100PPBCN   | 0.077    | 99.7542    | 100.0000 | 0.8        |
| 6 | 250PPBCN   | 0.193    | 252.0741   | 250.0000 | -0.2       |
| 7 | 500PPBCN   | 0.381    | 498.9587   | 500.0000 |            |

5/14/2021  
AM