

LB133501

Test results

Aquakem 7.2AQ1

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

Reviewed by : NF Instrument ID : Konelab

11/18/2024 15:05

Test: Total CN

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 94.321  | 0.0      | 0.069    |        |
| ICB1        | 0.135   | 0.0      | 0.002    |        |
| CCV1        | 240.559 | 0.0      | 0.173    |        |
| CCB1        | 0.668   | 0.0      | 0.002    |        |
| PB165064BL  | 0.511   | 0.0      | 0.002    |        |
| P4887-02    | 0.792   | 0.0      | 0.002    |        |
| P4887-02DUP | -0.189  | 0.0      | 0.001    |        |
| P4887-06    | 0.296   | 0.0      | 0.002    |        |
| P4892-03    | 0.065   | 0.0      | 0.002    |        |
| P4893-04    | 0.148   | 0.0      | 0.002    |        |
| P4893-08    | 0.130   | 0.0      | 0.002    |        |
| P4890-06    | 0.444   | 0.0      | 0.002    |        |
| CCV2        | 245.890 | 0.0      | 0.177    |        |
| CCB2        | 1.413   | 0.0      | 0.003    |        |
| PB165065BL  | -0.069  | 0.0      | 0.002    |        |
| P4890-01    | 0.042   | 0.0      | 0.002    |        |
| P4890-01DUP | -0.016  | 0.0      | 0.002    |        |
| P4890-02    | 0.707   | 0.0      | 0.002    |        |
| P4890-03    | 0.084   | 0.0      | 0.002    |        |
| CCV3        | 250.073 | 0.0      | 0.180    |        |
| CCB3        | 0.460   | 0.0      | 0.002    |        |
| N           | 21      |          |          |        |
| Mean        | 39.832  |          |          |        |
| SD          | 88.4450 |          |          |        |
| CV%         | 222.05  |          |          |        |

Aquakem v. 7.2AQ1

Results from time period:

Mon Nov 18 14:16:42 2024

Mon Nov 18 14:31:30 2024

| Sample Id   | Sam/Ctr/c/ | Test short r | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|--------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN    | A          | Total CN     | P         | -0.8172  | µg/l        | 11/18/2024 11:50:34  |      |
| 5.0PPBCN    | A          | Total CN     | P         | 5.3999   | µg/l        | 11/18/2024 11:50:35  |      |
| 10PPBCN     | A          | Total CN     | P         | 10.086   | µg/l        | 11/18/2024 11:50:36  |      |
| 50PPBCN     | A          | Total CN     | P         | 48.4619  | µg/l        | 11/18/2024 11:50:37  |      |
| 100PPBCN    | A          | Total CN     | P         | 99.0095  | µg/l        | 11/18/2024 11:50:38  |      |
| 250PPBCN    | A          | Total CN     | P         | 255.0272 | µg/l        | 11/18/2024 11:50:39  |      |
| 500PPBCN    | A          | Total CN     | P         | 497.8326 | µg/l        | 11/18/2024 11:50:40  |      |
| ICV1        | S          | Total CN     | P         | 94.3213  | µg/l        | 11/18/2024 14:16:42  |      |
| ICB1        | S          | Total CN     | P         | 0.1349   | µg/l        | 11/18/2024 14:16:44  |      |
| CCV1        | S          | Total CN     | P         | 240.559  | µg/l        | 11/18/2024 14:16:46  |      |
| CCB1        | S          | Total CN     | P         | 0.6678   | µg/l        | 11/18/2024 14:16:48  |      |
| PB165064BL  | S          | Total CN     | P         | 0.5113   | µg/l        | 11/18/2024 14:16:50  |      |
| P4887-02    | S          | Total CN     | P         | 0.7918   | µg/l        | 11/18/2024 14:16:52  |      |
| P4887-02DUP | S          | Total CN     | P         | -0.1889  | µg/l        | 11/18/2024 14:24:14  |      |
| P4887-06    | S          | Total CN     | P         | 0.2964   | µg/l        | 11/18/2024 14:24:15  |      |
| P4892-03    | S          | Total CN     | P         | 0.0653   | µg/l        | 11/18/2024 14:24:16  |      |
| P4893-04    | S          | Total CN     | P         | 0.1485   | µg/l        | 11/18/2024 14:24:17  |      |
| P4893-08    | S          | Total CN     | P         | 0.1303   | µg/l        | 11/18/2024 14:24:18  |      |
| P4890-06    | S          | Total CN     | P         | 0.4437   | µg/l        | 11/18/2024 14:24:19  |      |
| CCV2        | S          | Total CN     | P         | 245.8902 | µg/l        | 11/18/2024 14:24:22  |      |
| CCB2        | S          | Total CN     | P         | 1.4131   | µg/l        | 11/18/2024 14:24:23  |      |
| PB165065BL  | S          | Total CN     | P         | -0.0693  | µg/l        | 11/18/2024 14:24:24  |      |
| P4890-01    | S          | Total CN     | P         | 0.0417   | µg/l        | 11/18/2024 14:31:21  |      |
| P4890-01DUP | S          | Total CN     | P         | -0.0163  | µg/l        | 11/18/2024 14:31:22  |      |
| P4890-02    | S          | Total CN     | P         | 0.707    | µg/l        | 11/18/2024 14:31:23  |      |
| P4890-03    | S          | Total CN     | P         | 0.0838   | µg/l        | 11/18/2024 14:31:24  |      |
| CCV3        | S          | Total CN     | P         | 250.0733 | µg/l        | 11/18/2024 14:31:29  |      |
| CCB3        | S          | Total CN     | P         | 0.4602   | µg/l        | 11/18/2024 14:31:30  |      |

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

11/18/2024 12:10

Reviewed by : NF Instrument ID : Konelab

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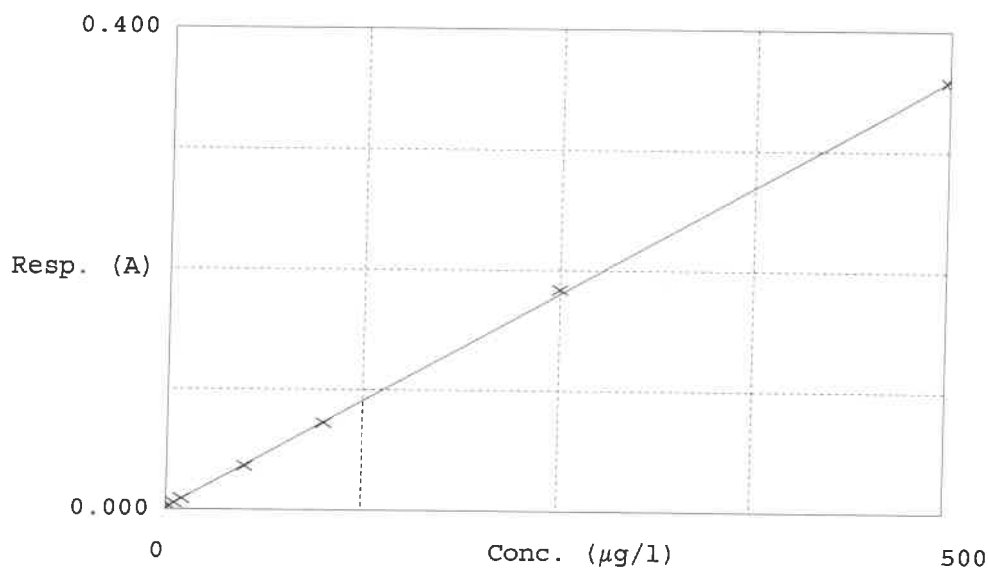
Test      Total CN

Accepted                      11/18/2024 12:09

Factor                      1400  
Bias                        0.002

Coeff. of det.              0.999834

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | $R_c$<br>Errors |
|---|------------|----------|------------|----------|-----------------|
| 1 | 0.0PPBCN   | 0.001    | -0.8172    | 0.0000   |                 |
| 2 | 5.0PPBCN   | 0.005    | 5.3999     | 5.0000   | 8.0             |
| 3 | 10PPBCN    | 0.009    | 10.0860    | 10.0000  | 0.9             |
| 4 | 50PPBCN    | 0.036    | 48.4619    | 50.0000  | -3.1            |
| 5 | 100PPBCN   | 0.072    | 99.0095    | 100.0000 | -1.0            |
| 6 | 250PPBCN   | 0.184    | 255.0272   | 250.0000 | 2.0             |
| 7 | 500PPBCN   | 0.357    | 497.8326   | 500.0000 | -0.4            |

NF

11.18.2024