

LB124552

Test results

Aquakem 7.2AQ1

Page: 1

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

Reviewed by : 12 Instrument ID : Konelab

3/17/2023 14:03

Test: Total CN

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 95.285  | 0.0      | 0.067    |        |
| ICB1        | 0.694   | 0.0      | 0.002    |        |
| CCV1        | 243.177 | 0.0      | 0.170    |        |
| CCB1        | 0.120   | 0.0      | 0.001    |        |
| PB151427BL  | 0.666   | 0.0      | 0.002    |        |
| O1900-04    | 0.539   | 0.0      | 0.002    |        |
| O1900-04DUP | 0.269   | 0.0      | 0.001    |        |
| O1900-07    | -0.040  | 0.0      | 0.001    |        |
| O1905-02    | 0.220   | 0.0      | 0.001    |        |
| O1905-05    | 0.200   | 0.0      | 0.001    |        |
| O1905-08    | 0.404   | 0.0      | 0.001    |        |
| O1905-11    | 0.813   | 0.0      | 0.002    |        |
| O1908-02    | 0.368   | 0.0      | 0.001    |        |
| O1921-01    | 0.836   | 0.0      | 0.002    |        |
| CCV2        | 246.663 | 0.0      | 0.173    |        |
| CCB2        | 0.888   | 0.0      | 0.002    |        |
| O1921-02    | 0.084   | 0.0      | 0.001    |        |
| O1928-02    | 0.093   | 0.0      | 0.001    |        |
| O1932-04    | 0.280   | 0.0      | 0.001    |        |
| O1932-08    | 0.386   | 0.0      | 0.001    |        |
| O1932-12    | 0.367   | 0.0      | 0.001    |        |
| O1932-16    | 0.331   | 0.0      | 0.001    |        |
| O1932-20    | 0.356   | 0.0      | 0.001    |        |
| O1939-01    | 0.633   | 0.0      | 0.002    |        |
| O1939-02    | 0.441   | 0.0      | 0.001    |        |
| O1939-03    | 0.373   | 0.0      | 0.001    |        |
| CCV3        | 252.780 | 0.0      | 0.177    |        |
| CCB3        | 0.524   | 0.0      | 0.002    |        |
| O1942-01    | 0.973   | 0.0      | 0.002    |        |
| PB151468BL  | 0.382   | 0.0      | 0.001    |        |
| O1939-06    | 0.588   | 0.0      | 0.002    |        |
| O1939-06DUP | 0.175   | 0.0      | 0.001    |        |
| O1942-02    | 0.470   | 0.0      | 0.001    |        |
| PB151499BL  | 0.291   | 0.0      | 0.001    |        |
| O1954-02    | 0.438   | 0.0      | 0.001    |        |
| O1954-02DUP | 0.450   | 0.0      | 0.001    |        |
| O1954-04    | 0.868   | 0.0      | 0.002    |        |
| O1954-06    | 0.491   | 0.0      | 0.002    |        |
| CCV4        | 233.338 | 0.0      | 0.164    |        |
| CCB4        | 0.629   | 0.0      | 0.002    |        |
| O1954-08    | 0.094   | 0.0      | 0.001    |        |
| O1954-10    | 0.093   | 0.0      | 0.001    |        |
| O1963-02    | -0.161  | 0.0      | 0.001    |        |
| O1964-02    | -0.012  | 0.0      | 0.001    |        |
| O1964-05    | 0.186   | 0.0      | 0.001    |        |
| O1964-08    | -0.098  | 0.0      | 0.001    |        |
| O1964-11    | 0.054   | 0.0      | 0.001    |        |
| CCV5        | 242.659 | 0.0      | 0.170    |        |
| CCB5        | 0.256   | 0.0      | 0.001    |        |

=====

Test results

Aquakem 7.2AQ1

Page: 2

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

3/17/2023 14:03

Reviewed by : 12 Instrument ID : Konelab

-----

Test: Total CN

Sample Id

*ml*  
Result

Dil. 1 + Response

0.00,,

-----

|      |         |
|------|---------|
| N    | 49      |
| Mean | 27.141  |
| SD   | 75.0276 |
| CV%  | 276.44  |

Aquakem v. 7.2AQ1

Results from time period:

Fri Mar 17 09:50:55 2023

Fri Mar 17 13:24:55 2023

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time |
|-------------|------------|------------|-----------|----------|-------------|----------------------|
| O.0PPBCN    | A          | Total CN   | P         | 0.0298   | µg/l        | 3/17/2023 10:39:06   |
| 5.0PPBCN    | A          | Total CN   | P         | 4.5529   | µg/l        | 3/17/2023 10:39:07   |
| 10PPBCN     | A          | Total CN   | P         | 9.074    | µg/l        | 3/17/2023 10:39:08   |
| 50PPBCN     | A          | Total CN   | P         | 48.9568  | µg/l        | 3/17/2023 10:39:09   |
| 100PPBCN    | A          | Total CN   | P         | 101.8667 | µg/l        | 3/17/2023 10:39:10   |
| 250PPBCN    | A          | Total CN   | P         | 251.5316 | µg/l        | 3/17/2023 10:39:11   |
| 500PPBCN    | A          | Total CN   | P         | 498.9882 | µg/l        | 3/17/2023 10:39:12   |
| ICV1        | S          | Total CN   | P         | 95.2854  | µg/l        | 3/17/2023 12:29:26   |
| ICB1        | S          | Total CN   | P         | 0.6936   | µg/l        | 3/17/2023 12:29:28   |
| CCV1        | S          | Total CN   | P         | 243.1768 | µg/l        | 3/17/2023 12:29:30   |
| CCB1        | S          | Total CN   | P         | 0.1196   | µg/l        | 3/17/2023 12:29:32   |
| PB151427BL  | S          | Total CN   | P         | 0.6659   | µg/l        | 3/17/2023 12:29:34   |
| O1900-04    | S          | Total CN   | P         | 0.5392   | µg/l        | 3/17/2023 12:29:35   |
| O1900-04DUP | S          | Total CN   | P         | 0.2688   | µg/l        | 3/17/2023 12:37:00   |
| O1900-07    | S          | Total CN   | P         | -0.0396  | µg/l        | 3/17/2023 12:37:01   |
| O1905-02    | S          | Total CN   | P         | 0.2203   | µg/l        | 3/17/2023 12:37:02   |
| O1905-05    | S          | Total CN   | P         | 0.2003   | µg/l        | 3/17/2023 12:37:03   |
| O1905-08    | S          | Total CN   | P         | 0.404    | µg/l        | 3/17/2023 12:37:04   |
| O1905-11    | S          | Total CN   | P         | 0.8134   | µg/l        | 3/17/2023 12:37:05   |
| O1908-02    | S          | Total CN   | P         | 0.3681   | µg/l        | 3/17/2023 12:37:06   |
| O1921-01    | S          | Total CN   | P         | 0.8357   | µg/l        | 3/17/2023 12:37:07   |
| CCV2        | S          | Total CN   | P         | 246.6634 | µg/l        | 3/17/2023 12:37:09   |
| CCB2        | S          | Total CN   | P         | 0.8877   | µg/l        | 3/17/2023 12:37:10   |
| O1921-02    | S          | Total CN   | P         | 0.0839   | µg/l        | 3/17/2023 12:44:35   |
| O1928-02    | S          | Total CN   | P         | 0.0931   | µg/l        | 3/17/2023 12:44:36   |
| O1932-04    | S          | Total CN   | P         | 0.2798   | µg/l        | 3/17/2023 12:44:37   |
| O1932-08    | S          | Total CN   | P         | 0.3856   | µg/l        | 3/17/2023 12:44:38   |
| O1932-12    | S          | Total CN   | P         | 0.367    | µg/l        | 3/17/2023 12:44:39   |
| O1932-16    | S          | Total CN   | P         | 0.3311   | µg/l        | 3/17/2023 12:44:40   |
| O1932-20    | S          | Total CN   | P         | 0.3556   | µg/l        | 3/17/2023 12:44:41   |
| O1939-01    | S          | Total CN   | P         | 0.6331   | µg/l        | 3/17/2023 12:44:42   |
| O1939-02    | S          | Total CN   | P         | 0.4409   | µg/l        | 3/17/2023 12:44:43   |
| O1939-03    | S          | Total CN   | P         | 0.3733   | µg/l        | 3/17/2023 12:44:44   |
| CCV3        | S          | Total CN   | P         | 252.7797 | µg/l        | 3/17/2023 12:49:22   |
| CCB3        | S          | Total CN   | P         | 0.5243   | µg/l        | 3/17/2023 12:49:23   |
| O1942-01    | S          | Total CN   | P         | 0.9726   | µg/l        | 3/17/2023 12:49:24   |
| PB151468BL  | S          | Total CN   | P         | 0.3819   | µg/l        | 3/17/2023 12:49:25   |
| O1939-06    | S          | Total CN   | P         | 0.5878   | µg/l        | 3/17/2023 12:49:26   |
| O1939-06DUP | S          | Total CN   | P         | 0.1749   | µg/l        | 3/17/2023 12:56:54   |
| O1942-02    | S          | Total CN   | P         | 0.4699   | µg/l        | 3/17/2023 12:56:55   |
| PB151499BL  | S          | Total CN   | P         | 0.2906   | µg/l        | 3/17/2023 12:56:56   |
| O1954-02    | S          | Total CN   | P         | 0.4384   | µg/l        | 3/17/2023 12:56:57   |

|             |   |          |   |               |                    |
|-------------|---|----------|---|---------------|--------------------|
| O1954-02DUP | S | Total CN | P | 0.4502 µg/l   | 3/17/2023 12:56:58 |
| O1954-04    | S | Total CN | P | 0.8679 µg/l   | 3/17/2023 12:56:59 |
| O1954-06    | S | Total CN | P | 0.4907 µg/l   | 3/17/2023 12:57:00 |
| CCV4        | S | Total CN | P | 233.3379 µg/l | 3/17/2023 12:57:02 |
| CCB4        | S | Total CN | P | 0.6285 µg/l   | 3/17/2023 12:57:03 |
| O1954-08    | S | Total CN | P | 0.0942 µg/l   | 3/17/2023 12:57:04 |
| O1954-10    | S | Total CN | P | 0.0933 µg/l   | 3/17/2023 13:24:47 |
| O1963-02    | S | Total CN | P | -0.1607 µg/l  | 3/17/2023 13:24:48 |
| O1964-02    | S | Total CN | P | -0.0121 µg/l  | 3/17/2023 13:24:49 |
| O1964-05    | S | Total CN | P | 0.1856 µg/l   | 3/17/2023 13:24:50 |
| O1964-08    | S | Total CN | P | -0.098 µg/l   | 3/17/2023 13:24:51 |
| O1964-11    | S | Total CN | P | 0.0539 µg/l   | 3/17/2023 13:24:52 |
| CCV5        | S | Total CN | P | 242.659 µg/l  | 3/17/2023 13:24:54 |
| CCB5        | S | Total CN | P | 0.2559 µg/l   | 3/17/2023 13:24:55 |

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

Reviewed by : 12

Instrument ID : Konelab

3/17/2023 10:50

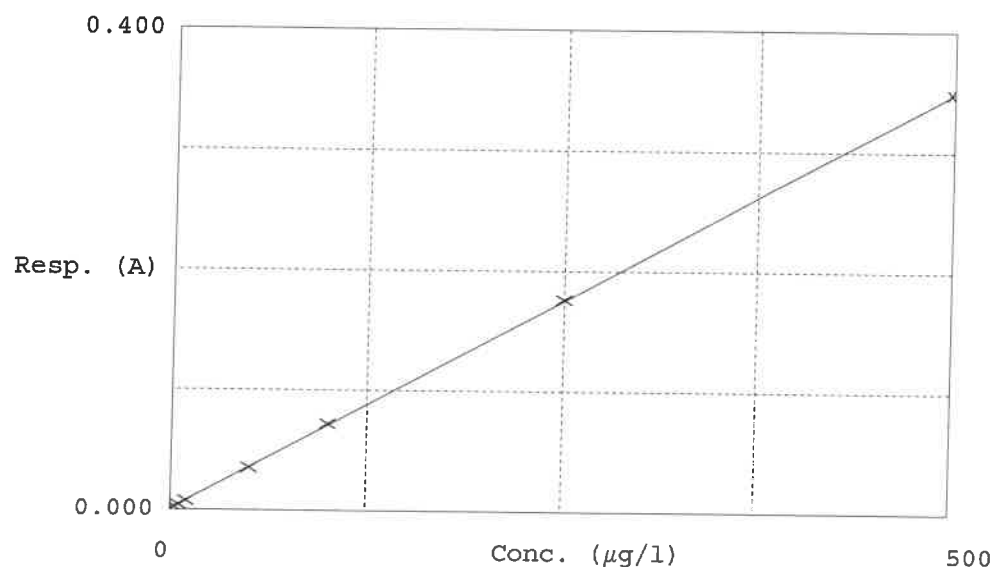
Test Total CN

Accepted 3/17/2023 10:50

Factor 1437  
Bias 0.001

Coeff. of det. 0.999956

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.001    | 0.0298     | 0.0000   | -      |
| 2 | 5.0PPBCN   | 0.004    | 4.5529     | 5.0000   | -8.8   |
| 3 | 10PPBCN    | 0.007    | 9.0740     | 10.0000  | -9.3   |
| 4 | 50PPBCN    | 0.035    | 48.9568    | 50.0000  | -2.1   |
| 5 | 100PPBCN   | 0.072    | 101.8667   | 100.0000 | 1.9    |
| 6 | 250PPBCN   | 0.176    | 251.5316   | 250.0000 | 0.6    |
| 7 | 500PPBCN   | 0.348    | 498.9882   | 500.0000 | -0.2   |

12  
3/17/23