

LB113334

Test results

Aquakem 7.2AQ1

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

Reviewed by : Am Instrument ID : Konelab

3/3/2021 12:44

Test: Total CN

| Sample Id    | <sup>ug/L</sup><br>Result | Dil. 1 + | Response | Errors |
|--------------|---------------------------|----------|----------|--------|
| ICV1         | 96.031                    | 0.0      | 0.097    |        |
| ICB1         | 0.340                     | 0.0      | 0.001    |        |
| CCV1         | 244.040                   | 0.0      | 0.246    |        |
| CCB1         | -0.164                    | 0.0      | 0.001    |        |
| PB134850BL   | -0.019                    | 0.0      | 0.001    |        |
| PB134850BS   | 94.868                    | 0.0      | 0.096    |        |
| LOWPB134850  | 9.981                     | 0.0      | 0.011    |        |
| HIGHPB134850 | 480.132                   | 0.0      | 0.482    |        |
| M1458-01     | 2.226                     | 0.0      | 0.003    |        |
| M1458-02     | 4.080                     | 0.0      | 0.005    |        |
| M1499-01     | 0.203                     | 0.0      | 0.001    |        |
| M1499-01DUP  | 0.302                     | 0.0      | 0.001    |        |
| M1499-01MS   | 30.788                    | 0.0      | 0.032    |        |
| M1499-01MSD  | 30.534                    | 0.0      | 0.032    |        |
| CCV2         | 239.526                   | 0.0      | 0.241    |        |
| CCB2         | -0.131                    | 0.0      | 0.001    |        |
| M1503-01     | -0.228                    | 0.0      | 0.001    |        |
| M1527-01     | 1.318                     | 0.0      | 0.002    |        |
| M1544-03     | 0.387                     | 0.0      | 0.001    |        |
| PB134907BL   | -0.057                    | 0.0      | 0.001    |        |
| PB134907BS   | 97.592                    | 0.0      | 0.099    |        |
| M1458-07     | 2.269                     | 0.0      | 0.003    |        |
| M1458-08     | 4.203                     | 0.0      | 0.005    |        |
| CCV3         | 249.325                   | 0.0      | 0.251    |        |
| CCB3         | 0.088                     | 0.0      | 0.001    |        |

Low/High recoveries (%)

100(90-110)  
96(90-110) 03/03/2021 AM

N 25  
Mean 63.505  
SD 118.7728  
CV% 187.03

Aquakem v. 7.2AQ1

Results from time period:

Wed Mar 03 10:12:28 2021

Wed Mar 03 12:09:48 2021

| Sample Id    | Sam/Ctr/c# | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN     | A          | Total CN   | P         | -0.5883  | µg/l        | 3/3/2021 10:34:38    |      |
| 5.OPPBCN     | A          | Total CN   | P         | 4.4177   | µg/l        | 3/3/2021 10:34:39    |      |
| 10PPBCN      | A          | Total CN   | P         | 10.3933  | µg/l        | 3/3/2021 10:34:40    |      |
| 50PPBCN      | A          | Total CN   | P         | 49.2467  | µg/l        | 3/3/2021 10:34:41    |      |
| 100PPBCN     | A          | Total CN   | P         | 100.906  | µg/l        | 3/3/2021 10:34:42    |      |
| 250PPBCN     | A          | Total CN   | P         | 251.465  | µg/l        | 3/3/2021 10:34:43    |      |
| 500PPBCN     | A          | Total CN   | P         | 499.1596 | µg/l        | 3/3/2021 10:34:44    |      |
| ICV1         | S          | Total CN   | P         | 96.0309  | µg/l        | 3/3/2021 11:34:41    |      |
| ICB1         | S          | Total CN   | P         | 0.3401   | µg/l        | 3/3/2021 11:34:42    |      |
| CCV1         | S          | Total CN   | P         | 244.0404 | µg/l        | 3/3/2021 11:34:44    |      |
| CCB1         | S          | Total CN   | P         | -0.1643  | µg/l        | 3/3/2021 11:34:46    |      |
| PB134850BL   | S          | Total CN   | P         | -0.0192  | µg/l        | 3/3/2021 11:34:49    |      |
| PB134850BS   | S          | Total CN   | P         | 94.8684  | µg/l        | 3/3/2021 11:42:15    |      |
| LOWPB134850  | S          | Total CN   | P         | 9.9807   | µg/l        | 3/3/2021 11:42:16    |      |
| HIGHPB134850 | S          | Total CN   | P         | 480.1318 | µg/l        | 3/3/2021 11:42:18    |      |
| M1458-01     | S          | Total CN   | P         | 2.2258   | µg/l        | 3/3/2021 11:42:23    |      |
| M1458-02     | S          | Total CN   | P         | 4.0799   | µg/l        | 3/3/2021 11:49:53    |      |
| M1499-01     | S          | Total CN   | P         | 0.2032   | µg/l        | 3/3/2021 11:49:55    |      |
| M1499-01DUP  | S          | Total CN   | P         | 0.3024   | µg/l        | 3/3/2021 11:49:56    |      |
| M1499-01MS   | S          | Total CN   | P         | 30.7884  | µg/l        | 3/3/2021 11:49:59    |      |
| M1499-01MSD  | S          | Total CN   | P         | 30.5343  | µg/l        | 3/3/2021 11:50:00    |      |
| CCV2         | S          | Total CN   | P         | 239.5264 | µg/l        | 3/3/2021 11:57:23    |      |
| CCB2         | S          | Total CN   | P         | -0.1308  | µg/l        | 3/3/2021 11:57:24    |      |
| M1503-01     | S          | Total CN   | P         | -0.2285  | µg/l        | 3/3/2021 11:57:26    |      |
| M1527-01     | S          | Total CN   | P         | 1.3184   | µg/l        | 3/3/2021 11:57:27    |      |
| M1544-03     | S          | Total CN   | P         | 0.3868   | µg/l        | 3/3/2021 11:57:28    |      |
| PB134907BL   | S          | Total CN   | P         | -0.0571  | µg/l        | 3/3/2021 11:57:29    |      |
| PB134907BS   | S          | Total CN   | P         | 97.5915  | µg/l        | 3/3/2021 11:57:30    |      |
| M1458-07     | S          | Total CN   | P         | 2.2687   | µg/l        | 3/3/2021 12:05:00    |      |
| M1458-08     | S          | Total CN   | P         | 4.2029   | µg/l        | 3/3/2021 12:05:05    |      |
| CCV3         | S          | Total CN   | P         | 249.3248 | µg/l        | 3/3/2021 12:09:44    |      |
| CCB3         | S          | Total CN   | P         | 0.0882   | µg/l        | 3/3/2021 12:09:46    |      |

CHEMTECH CONSULTING GROUP INC

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : AM

Instrument ID : Konelab

3/3/2021 10:36

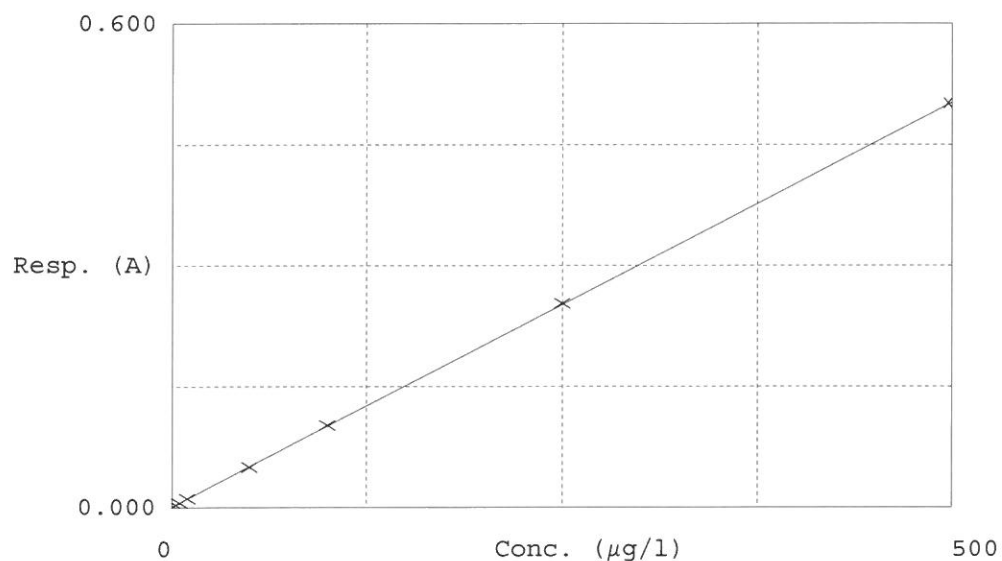
Test Total CN

Accepted 3/3/2021 10:34

Factor 997  
Bias 0.001

Coeff. of det. 0.999975

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.000    | -0.5883    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.005    | 4.4177     | 5.0000   |        |
| 3 | 10PPBCN    | 0.011    | 10.3933    | 10.0000  |        |
| 4 | 50PPBCN    | 0.050    | 49.2467    | 50.0000  |        |
| 5 | 100PPBCN   | 0.102    | 100.9060   | 100.0000 |        |
| 6 | 250PPBCN   | 0.253    | 251.4650   | 250.0000 |        |
| 7 | 500PPBCN   | 0.502    | 499.1596   | 500.0000 |        |

1901

12  
4  
2  
1  
1  
003/03/2021  
AM