

LB110840

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

Instrument ID : Konelab

9/4/2020 15:46

Test: Total CN

| Sample Id    | Result  | Dil. 1 + | Response | Errors |
|--------------|---------|----------|----------|--------|
| ICV1         | 97.181  | 0.0      | 0.083    |        |
| ICB1         | 0.883   | 0.0      | 0.001    |        |
| CCV1         | 246.102 | 0.0      | 0.210    |        |
| CCB1         | 0.726   | 0.0      | 0.001    |        |
| PB131420BL   | 1.874   | 0.0      | 0.002    |        |
| PB131420BS   | 98.194  | 0.0      | 0.084    |        |
| LOWPB131420  | 10.372  | 0.0      | 0.009    |        |
| HIGHPB131420 | 496.607 | 0.0      | 0.424    |        |
| L3871-01     | 2.811   | 0.0      | 0.003    |        |
| L3871-01DUP  | 2.297   | 0.0      | 0.003    |        |
| L3871-01MS   | 42.579  | 0.0      | 0.037    |        |
| L3871-01MSD  | 42.585  | 0.0      | 0.037    |        |
| L3877-02     | 132.041 | 0.0      | 0.113    |        |
| L3877-07     | 17.081  | 0.0      | 0.015    |        |
| CCV2         | 244.251 | 0.0      | 0.209    |        |
| CCB2         | 0.664   | 0.0      | 0.001    |        |
| L3877-12     | 69.538  | 0.0      | 0.060    |        |
| L3877-17     | 23.369  | 0.0      | 0.020    |        |
| L3888-02     | 0.436   | 0.0      | 0.001    |        |
| L3888-06     | 0.504   | 0.0      | 0.001    |        |
| L3888-10     | 0.820   | 0.0      | 0.001    |        |
| L3888-14     | 0.606   | 0.0      | 0.001    |        |
| L3896-01     | 24.320  | 0.0      | 0.021    |        |
| PB131443BL   | 0.778   | 0.0      | 0.001    |        |
| PB131443BS   | 95.941  | 0.0      | 0.082    |        |
| LOWPB131443  | 10.059  | 0.0      | 0.009    |        |
| CCV3         | 242.537 | 0.0      | 0.207    |        |
| CCB3         | 0.882   | 0.0      | 0.001    |        |
| HIGHPB131443 | 496.161 | 0.0      | 0.423    |        |
| L3864-01     | 1.189   | 0.0      | 0.002    |        |
| L3864-01DUP  | 0.479   | 0.0      | 0.001    |        |
| L3864-01MS   | 36.939  | 0.0      | 0.032    |        |
| L3864-01MSD  | 37.353  | 0.0      | 0.032    |        |
| L3894-01     | 0.299   | 0.0      | 0.001    |        |
| L3894-03     | 1.141   | 0.0      | 0.002    |        |
| L3894-05     | 0.459   | 0.0      | 0.001    |        |
| L3894-07     | 1.559   | 0.0      | 0.002    |        |
| L3894-09     | 0.873   | 0.0      | 0.001    |        |
| CCV4         | 243.508 | 0.0      | 0.208    |        |
| CCB4         | 0.742   | 0.0      | 0.001    |        |
| L3894-11     | 0.973   | 0.0      | 0.001    |        |
| L3916-01     | 1.601   | 0.0      | 0.002    |        |
| CCV5         | 254.056 | 0.0      | 0.217    |        |
| CCB5         | 0.724   | 0.0      | 0.001    |        |

|      |          |
|------|----------|
| N    | 44       |
| Mean | 67.820   |
| SD   | 123.1297 |
| CV%  | 181.55   |

Aquakem v. 7.2AQ1

Results from time period:

Fri Sep 04 15:09:59 2020

Fri Sep 04 15:43:36 2020

| Sample Id    | Sam/Ctr/c | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|-----------|------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN     | A         | Total CN   | P         | -0.1579  | µg/l        | 9/4/2020 13:24:28    |      |
| 5.OPPBCN     | A         | Total CN   | P         | 4.8268   | µg/l        | 9/4/2020 13:24:29    |      |
| 10PPBCN      | A         | Total CN   | P         | 9.809    | µg/l        | 9/4/2020 13:24:30    |      |
| 50PPBCN      | A         | Total CN   | P         | 51.1325  | µg/l        | 9/4/2020 13:24:31    |      |
| 100PPBCN     | A         | Total CN   | P         | 99.9199  | µg/l        | 9/4/2020 13:24:32    |      |
| 250PPBCN     | A         | Total CN   | P         | 249.1227 | µg/l        | 9/4/2020 13:24:33    |      |
| 500PPBCN     | A         | Total CN   | P         | 500.347  | µg/l        | 9/4/2020 13:24:34    |      |
| ICV1         | S         | Total CN   | P         | 97.1811  | µg/l        | 9/4/2020 15:09:59    |      |
| ICB1         | S         | Total CN   | P         | 0.8828   | µg/l        | 9/4/2020 15:10:00    |      |
| CCV1         | S         | Total CN   | P         | 246.1022 | µg/l        | 9/4/2020 15:10:01    |      |
| CCB1         | S         | Total CN   | P         | 0.7265   | µg/l        | 9/4/2020 15:10:02    |      |
| PB131420BL   | S         | Total CN   | P         | 1.8744   | µg/l        | 9/4/2020 15:10:03    |      |
| PB131420BS   | S         | Total CN   | P         | 98.1945  | µg/l        | 9/4/2020 15:10:04    |      |
| LOWPB131420  | S         | Total CN   | P         | 10.3722  | µg/l        | 9/4/2020 15:10:05    |      |
| HIGHPB131420 | S         | Total CN   | P         | 496.6074 | µg/l        | 9/4/2020 15:10:06    |      |
| L3871-01     | S         | Total CN   | P         | 2.811    | µg/l        | 9/4/2020 15:10:07    |      |
| L3871-01DUP  | S         | Total CN   | P         | 2.2972   | µg/l        | 9/4/2020 15:10:08    |      |
| L3871-01MS   | S         | Total CN   | P         | 42.5791  | µg/l        | 9/4/2020 15:10:09    |      |
| L3871-01MSD  | S         | Total CN   | P         | 42.5851  | µg/l        | 9/4/2020 15:17:34    |      |
| L3877-02     | S         | Total CN   | P         | 132.041  | µg/l        | 9/4/2020 15:17:37    |      |
| L3877-07     | S         | Total CN   | P         | 17.0806  | µg/l        | 9/4/2020 15:17:38    |      |
| CCV2         | S         | Total CN   | P         | 244.2512 | µg/l        | 9/4/2020 15:17:39    |      |
| CCB2         | S         | Total CN   | P         | 0.6637   | µg/l        | 9/4/2020 15:17:40    |      |
| L3877-12     | S         | Total CN   | P         | 69.5376  | µg/l        | 9/4/2020 15:17:41    |      |
| L3877-17     | S         | Total CN   | P         | 23.3692  | µg/l        | 9/4/2020 15:17:42    |      |
| L3888-02     | S         | Total CN   | P         | 0.4365   | µg/l        | 9/4/2020 15:17:43    |      |
| L3888-06     | S         | Total CN   | P         | 0.5045   | µg/l        | 9/4/2020 15:17:44    |      |
| L3888-10     | S         | Total CN   | P         | 0.8201   | µg/l        | 9/4/2020 15:25:10    |      |
| L3888-14     | S         | Total CN   | P         | 0.6062   | µg/l        | 9/4/2020 15:25:11    |      |
| L3896-01     | S         | Total CN   | P         | 24.3204  | µg/l        | 9/4/2020 15:25:12    |      |
| PB131443BL   | S         | Total CN   | P         | 0.7782   | µg/l        | 9/4/2020 15:25:13    |      |
| PB131443BS   | S         | Total CN   | P         | 95.9409  | µg/l        | 9/4/2020 15:25:14    |      |
| LOWPB131443  | S         | Total CN   | P         | 10.0587  | µg/l        | 9/4/2020 15:25:15    |      |
| CCV3         | S         | Total CN   | P         | 242.537  | µg/l        | 9/4/2020 15:25:16    |      |
| CCB3         | S         | Total CN   | P         | 0.8817   | µg/l        | 9/4/2020 15:25:17    |      |
| HIGHPB131443 | S         | Total CN   | P         | 496.1606 | µg/l        | 9/4/2020 15:25:18    |      |
| L3864-01     | S         | Total CN   | P         | 1.1893   | µg/l        | 9/4/2020 15:25:19    |      |
| L3864-01DUP  | S         | Total CN   | P         | 0.4793   | µg/l        | 9/4/2020 15:25:20    |      |
| L3864-01MS   | S         | Total CN   | P         | 36.9388  | µg/l        | 9/4/2020 15:32:41    |      |
| L3864-01MSD  | S         | Total CN   | P         | 37.3533  | µg/l        | 9/4/2020 15:32:42    |      |
| L3894-01     | S         | Total CN   | P         | 0.299    | µg/l        | 9/4/2020 15:32:45    |      |
| L3894-03     | S         | Total CN   | P         | 1.1413   | µg/l        | 9/4/2020 15:32:46    |      |

|          |   |          |   |               |                   |
|----------|---|----------|---|---------------|-------------------|
| L3894-05 | S | Total CN | P | 0.4587 µg/l   | 9/4/2020 15:32:47 |
| L3894-07 | S | Total CN | P | 1.5586 µg/l   | 9/4/2020 15:32:48 |
| L3894-09 | S | Total CN | P | 0.8729 µg/l   | 9/4/2020 15:32:49 |
| CCV4     | S | Total CN | P | 243.5083 µg/l | 9/4/2020 15:32:50 |
| CCB4     | S | Total CN | P | 0.7418 µg/l   | 9/4/2020 15:32:51 |
| L3894-11 | S | Total CN | P | 0.9726 µg/l   | 9/4/2020 15:37:56 |
| L3916-01 | S | Total CN | P | 1.6015 µg/l   | 9/4/2020 15:37:57 |
| CCV5     | S | Total CN | P | 254.0556 µg/l | 9/4/2020 15:37:58 |
| CCB5     | S | Total CN | P | 0.7245 µg/l   | 9/4/2020 15:37:59 |

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

Instrument ID : Konelab

9/4/2020 13:25

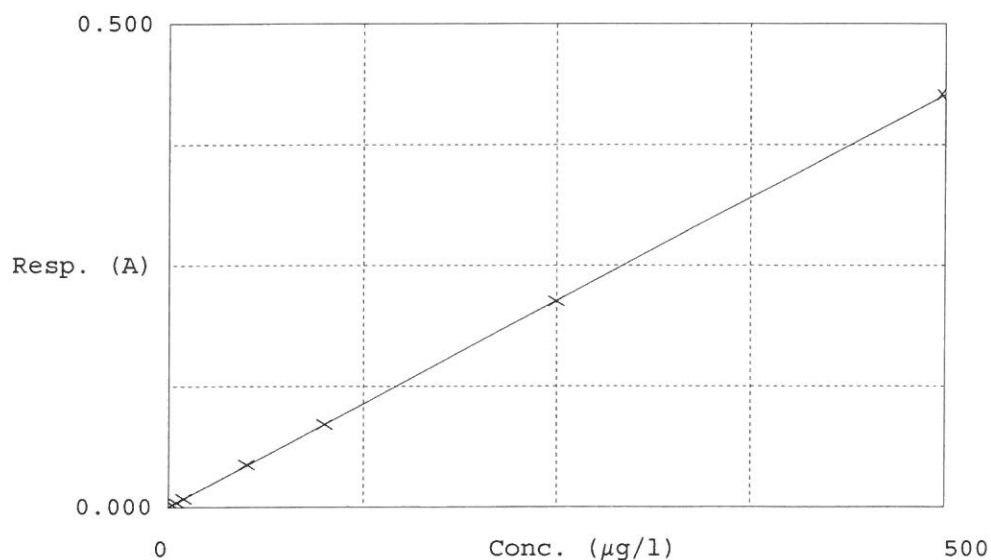
Test Total CN

Accepted 9/4/2020 13:25

Factor 1173  
Bias 0.001

Coeff. of det. 0.999989

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.000    | -0.1579    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.005    | 4.8268     | 5.0000   |        |
| 3 | 10PPBCN    | 0.009    | 9.8090     | 10.0000  |        |
| 4 | 50PPBCN    | 0.044    | 51.1325    | 50.0000  |        |
| 5 | 100PPBCN   | 0.086    | 99.9199    | 100.0000 |        |
| 6 | 250PPBCN   | 0.213    | 249.1227   | 250.0000 |        |
| 7 | 500PPBCN   | 0.427    | 500.3470   | 500.0000 |        |