

LB11749

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

Instrument ID : Konelab

10/29/2020 15:03

Test: Total CN

| Sample Id    | Result   | Dil. 1 + | Response | Errors          |
|--------------|----------|----------|----------|-----------------|
| ICV1         | 97.363   | 0.0      | 0.087    |                 |
| ICB1         | 0.321    | 0.0      | 0.001    |                 |
| CCV1         | 244.822  | 0.0      | 0.217    |                 |
| CCB1         | 0.615    | 0.0      | 0.001    |                 |
| PB132674BL   | 0.323    | 0.0      | 0.001    |                 |
| PB132674BS   | 97.691   | 0.0      | 0.087    |                 |
| LOWPB132674  | 9.709    | 0.0      | 0.009    |                 |
| HIGHPB132674 | 485.198  | 0.0      | 0.429    |                 |
| L4224-11     | -0.644   | 0.0      | 0.000    |                 |
| L4224-11DUP  | 1.156    | 0.0      | 0.002    |                 |
| L4224-11MS   | 30.419   | 0.0      | 0.027    |                 |
| L4224-01MSD  | 30.592   | 0.0      | 0.028    |                 |
| L4526-01     | 1.627    | 0.0      | 0.002    |                 |
| L4527-01     | 2.048    | 0.0      | 0.002    |                 |
| CCV2         | 243.912  | 0.0      | 0.216    |                 |
| CCB2         | -0.130   | 0.0      | 0.000    |                 |
| L4527-03     | -0.098   | 0.0      | 0.001    |                 |
| L4527-05     | 1.225    | 0.0      | 0.002    |                 |
| L4528-01     | 1.274    | 0.0      | 0.002    |                 |
| L4528-03     | 0.635    | 0.0      | 0.001    |                 |
| L4529-02     | 0.148    | 0.0      | 0.001    |                 |
| L4530-02     | 0.603    | 0.0      | 0.001    |                 |
| L4530-04     | 0.323    | 0.0      | 0.001    |                 |
| PB132689BL   | 0.246    | 0.0      | 0.001    |                 |
| PB132689BS   | 96.723   | 0.0      | 0.086    |                 |
| LOWPB132689  | 9.347    | 0.0      | 0.009    |                 |
| CCV3         | 240.656  | 0.0      | 0.213    |                 |
| CCB3         | 0.187    | 0.0      | 0.001    |                 |
| HIGHPB132689 | 486.552  | 0.0      | 0.431    |                 |
| L4215-01     | 1.115    | 0.0      | 0.002    |                 |
| L4515-01DUP  | 1.096    | 0.0      | 0.002    |                 |
| L4215-01MS   | 40.980   | 0.0      | 0.037    |                 |
| L4215-01MSD  | 40.983   | 0.0      | 0.037    |                 |
| L4217-07     | 0.765    | 0.0      | 0.001    |                 |
| L4227-07     | 0.443    | 0.0      | 0.001    |                 |
| L4537-01     | 1.424    | 0.0      | 0.002    |                 |
| L4540-02     | 0.989    | 0.0      | 0.001    |                 |
| L4541-02     | 0.859    | 0.0      | 0.001    |                 |
| CCV4         | 246.434  | 0.0      | 0.218    |                 |
| CCB4         | 1.680    | 0.0      | 0.002    |                 |
| L4541-04     | 4.091    | 0.0      | 0.004    |                 |
| L4541-06     | 0.843    | 0.0      | 0.001    |                 |
| L4541-08     | 0.402    | 0.0      | 0.001    |                 |
| L4541-10     | 0.609    | 0.0      | 0.001    |                 |
| L4547-02     | 0.852    | 0.0      | 0.001    |                 |
| L4548-04     | 1403.807 | 0.0      | 1.241    | Test limit high |
| CCV5         | 250.351  | 0.0      | 0.222    |                 |
| CCB5         | 0.078    | 0.0      | 0.001    |                 |
| L4548-04DLX4 | 349.261  | 0.0      | 0.309    |                 |
| CCV6         | 247.171  | 0.0      | 0.219    |                 |
| CCB6         | 0.550    | 0.0      | 0.001    |                 |

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

Instrument ID : Konelab

10/29/2020 15:03

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Test: Total CN

| Sample Id | Result | Dil. 1 + | Response | Ô□,, |
|-----------|--------|----------|----------|------|
|-----------|--------|----------|----------|------|

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|      |          |
|------|----------|
| N    | 51       |
| Mean | 91.718   |
| SD   | 225.0090 |
| CV%  | 245.33   |

Aquakem v. 7.2AQ1

Results from time period:

Thu Oct 29 13:41:29 2020

Thu Oct 29 14:53:06 2020

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN     | A          | Total CN   | P         | -0.0849  | µg/l        | 10/29/2020 10:46:12  |      |
| 5.0PPBCN     | A          | Total CN   | P         | 4.7573   | µg/l        | 10/29/2020 10:46:13  |      |
| 10PPBCN      | A          | Total CN   | P         | 9.6825   | µg/l        | 10/29/2020 10:46:14  |      |
| 50PPBCN      | A          | Total CN   | P         | 48.8929  | µg/l        | 10/29/2020 10:46:15  |      |
| 100PPBCN     | A          | Total CN   | P         | 100.519  | µg/l        | 10/29/2020 10:46:16  |      |
| 250PPBCN     | A          | Total CN   | P         | 252.4349 | µg/l        | 10/29/2020 10:46:17  |      |
| 500PPBCN     | A          | Total CN   | P         | 498.7982 | µg/l        | 10/29/2020 10:46:18  |      |
| ICV1         | S          | Total CN   | P         | 97.3632  | µg/l        | 10/29/2020 13:41:30  |      |
| ICB1         | S          | Total CN   | P         | 0.3206   | µg/l        | 10/29/2020 13:41:31  |      |
| CCV1         | S          | Total CN   | P         | 244.8223 | µg/l        | 10/29/2020 13:41:34  |      |
| CCB1         | S          | Total CN   | P         | 0.6148   | µg/l        | 10/29/2020 13:41:35  |      |
| PB132674BL   | S          | Total CN   | P         | 0.3231   | µg/l        | 10/29/2020 13:41:37  |      |
| PB132674BS   | S          | Total CN   | P         | 97.6913  | µg/l        | 10/29/2020 13:41:38  |      |
| LOWPB132674  | S          | Total CN   | P         | 9.7088   | µg/l        | 10/29/2020 13:41:39  |      |
| HIGHPB132674 | S          | Total CN   | P         | 485.1983 | µg/l        | 10/29/2020 13:49:05  |      |
| L4224-11     | S          | Total CN   | P         | -0.6438  | µg/l        | 10/29/2020 13:49:06  |      |
| L4224-11DUP  | S          | Total CN   | P         | 1.1564   | µg/l        | 10/29/2020 13:49:07  |      |
| L4224-11MS   | S          | Total CN   | P         | 30.4194  | µg/l        | 10/29/2020 13:49:10  |      |
| L4224-01MSD  | S          | Total CN   | P         | 30.5919  | µg/l        | 10/29/2020 13:49:11  |      |
| L4526-01     | S          | Total CN   | P         | 1.6273   | µg/l        | 10/29/2020 13:49:12  |      |
| L4527-01     | S          | Total CN   | P         | 2.0484   | µg/l        | 10/29/2020 13:49:13  |      |
| CCV2         | S          | Total CN   | P         | 243.9121 | µg/l        | 10/29/2020 13:49:15  |      |
| CCB2         | S          | Total CN   | P         | -0.13    | µg/l        | 10/29/2020 13:56:39  |      |
| L4527-03     | S          | Total CN   | P         | -0.0981  | µg/l        | 10/29/2020 13:56:41  |      |
| L4527-05     | S          | Total CN   | P         | 1.2249   | µg/l        | 10/29/2020 13:56:42  |      |
| L4528-01     | S          | Total CN   | P         | 1.2737   | µg/l        | 10/29/2020 13:56:43  |      |
| L4528-03     | S          | Total CN   | P         | 0.6349   | µg/l        | 10/29/2020 13:56:44  |      |
| L4529-02     | S          | Total CN   | P         | 0.1481   | µg/l        | 10/29/2020 13:56:45  |      |
| L4530-02     | S          | Total CN   | P         | 0.6031   | µg/l        | 10/29/2020 13:56:46  |      |
| L4530-04     | S          | Total CN   | P         | 0.3232   | µg/l        | 10/29/2020 13:56:47  |      |
| PB132689BL   | S          | Total CN   | P         | 0.2459   | µg/l        | 10/29/2020 13:56:48  |      |
| PB132689BS   | S          | Total CN   | P         | 96.7234  | µg/l        | 10/29/2020 13:56:49  |      |
| LOWPB132689  | S          | Total CN   | P         | 9.3471   | µg/l        | 10/29/2020 14:04:14  |      |
| CCV3         | S          | Total CN   | P         | 240.6562 | µg/l        | 10/29/2020 14:04:16  |      |
| CCB3         | S          | Total CN   | P         | 0.1873   | µg/l        | 10/29/2020 14:04:17  |      |
| HIGHPB132689 | S          | Total CN   | P         | 486.5524 | µg/l        | 10/29/2020 14:04:19  |      |
| L4215-01     | S          | Total CN   | P         | 1.1145   | µg/l        | 10/29/2020 14:04:20  |      |
| L4515-01DUP  | S          | Total CN   | P         | 1.0955   | µg/l        | 10/29/2020 14:04:21  |      |
| L4215-01MS   | S          | Total CN   | P         | 40.9801  | µg/l        | 10/29/2020 14:04:22  |      |
| L4215-01MSD  | S          | Total CN   | P         | 40.9829  | µg/l        | 10/29/2020 14:04:23  |      |
| L4217-07     | S          | Total CN   | P         | 0.7648   | µg/l        | 10/29/2020 14:11:50  |      |
| L4227-07     | S          | Total CN   | P         | 0.4425   | µg/l        | 10/29/2020 14:11:51  |      |

|              |   |          |   |               |                     |
|--------------|---|----------|---|---------------|---------------------|
| L4537-01     | S | Total CN | P | 1.4235 µg/l   | 10/29/2020 14:11:52 |
| L4540-02     | S | Total CN | P | 0.9892 µg/l   | 10/29/2020 14:11:53 |
| L4541-02     | S | Total CN | P | 0.8593 µg/l   | 10/29/2020 14:11:54 |
| CCV4         | S | Total CN | P | 246.4341 µg/l | 10/29/2020 14:11:56 |
| CCB4         | S | Total CN | P | 1.6798 µg/l   | 10/29/2020 14:11:57 |
| L4541-04     | S | Total CN | P | 4.0909 µg/l   | 10/29/2020 14:11:59 |
| L4541-06     | S | Total CN | P | 0.8431 µg/l   | 10/29/2020 14:19:21 |
| L4541-08     | S | Total CN | P | 0.4016 µg/l   | 10/29/2020 14:19:22 |
| L4541-10     | S | Total CN | P | 0.6085 µg/l   | 10/29/2020 14:19:23 |
| L4547-02     | S | Total CN | P | 0.8516 µg/l   | 10/29/2020 14:19:24 |
| L4548-04     | S | Total CN | P | 1403.807 µg/l | 10/29/2020 14:19:29 |
| CCV5         | S | Total CN | P | 250.351 µg/l  | 10/29/2020 14:25:04 |
| CCB5         | S | Total CN | P | 0.0785 µg/l   | 10/29/2020 14:25:05 |
| L4548-04DLX4 | S | Total CN | P | 349.2612 µg/l | 10/29/2020 14:53:01 |
| CCV6         | S | Total CN | P | 247.1708 µg/l | 10/29/2020 14:53:04 |
| CCB6         | S | Total CN | P | 0.5498 µg/l   | 10/29/2020 14:53:05 |

LB111749

Calibration results

Aquakem 7.2AQ1

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CHEMTECH

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

Instrument ID : Konelab

10/29/2020 10:48

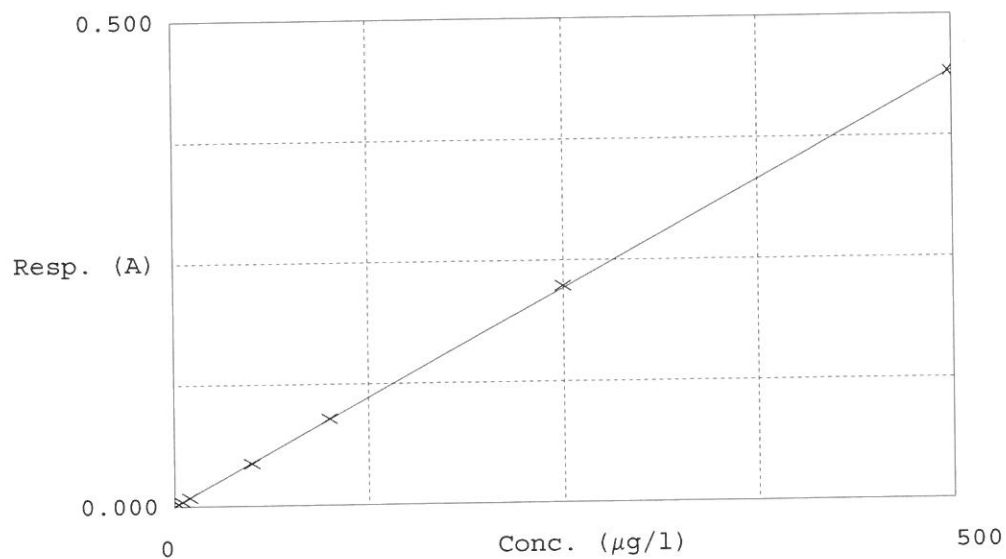
Test Total CN

Accepted 10/29/2020 10:48

Factor 1132  
Bias 0.001

Coeff. of det. 0.999956

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.001    | -0.0849    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.005    | 4.7573     | 5.0000   |        |
| 3 | 10PPBCN    | 0.009    | 9.6825     | 10.0000  |        |
| 4 | 50PPBCN    | 0.044    | 48.8929    | 50.0000  |        |
| 5 | 100PPBCN   | 0.089    | 100.5190   | 100.0000 |        |
| 6 | 250PPBCN   | 0.224    | 252.4349   | 250.0000 |        |
| 7 | 500PPBCN   | 0.441    | 498.7982   | 500.0000 |        |