

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

Instrument ID : Konelab

5/21/2019 11:55

Test: Total CN

| Sample Id    | Result  | Dil. 1 + | Response | Errors |
|--------------|---------|----------|----------|--------|
| ICV1         | 97.059  | 0.0      | 0.103    |        |
| ICB1         | 0.509   | 0.0      | 0.004    |        |
| CCV1         | 240.108 | 0.0      | 0.248    |        |
| CCB1         | 0.405   | 0.0      | 0.004    |        |
| PB119886BL   | 0.353   | 0.0      | 0.004    |        |
| PB119886BS   | 99.192  | 0.0      | 0.105    |        |
| LOWPB119886  | 10.073  | 0.0      | 0.014    |        |
| HIGHPB119886 | 491.379 | 0.0      | 0.503    |        |
| K2641-11     | 1.149   | 0.0      | 0.005    |        |
| K2641-11DUP  | 0.872   | 0.0      | 0.005    |        |
| K2641-11MS   | 31.153  | 0.0      | 0.036    |        |
| K2641-11MSD  | 30.668  | 0.0      | 0.035    |        |
| K2647-09     | 0.733   | 0.0      | 0.005    |        |
| K2909-02     | 1.064   | 0.0      | 0.005    |        |
| CCV2         | 239.875 | 0.0      | 0.248    |        |
| CCB2         | 0.362   | 0.0      | 0.004    |        |
| K2909-03     | -0.177  | 0.0      | 0.004    |        |
| K2913-03     | 1.897   | 0.0      | 0.006    |        |
| K2922-01     | 2.223   | 0.0      | 0.006    |        |
| K2922-05     | 1.010   | 0.0      | 0.005    |        |
| K2943-01     | 0.850   | 0.0      | 0.005    |        |
| K2943-05     | 0.410   | 0.0      | 0.004    |        |
| K2943-09     | 0.570   | 0.0      | 0.005    |        |
| K2943-13     | 1.349   | 0.0      | 0.005    |        |
| CCV3         | 242.868 | 0.0      | 0.251    |        |
| CCB3         | 0.454   | 0.0      | 0.004    |        |
| K2943-17MS   | 33.722  | 0.0      | 0.038    |        |
| K2943-17MSD  | 33.924  | 0.0      | 0.038    |        |
| PB119887BL   | 0.226   | 0.0      | 0.004    |        |
| PB119887BS   | 97.060  | 0.0      | 0.103    |        |
| K2913-05     | 7.454   | 0.0      | 0.012    |        |
| K2913-05DUP  | 7.109   | 0.0      | 0.011    |        |
| K2913-05MS   | 40.472  | 0.0      | 0.045    |        |
| K2913-05MSD  | 40.332  | 0.0      | 0.045    |        |
| K2943-17     | 0.785   | 0.0      | 0.005    |        |
| K2943-17DUP  | 1.133   | 0.0      | 0.005    |        |
| CCV4         | 256.628 | 0.0      | 0.265    |        |
| CCB4         | 0.135   | 0.0      | 0.004    |        |

|      |          |
|------|----------|
| N    | 38       |
| Mean | 53.037   |
| SD   | 105.3911 |
| CV%  | 198.71   |

Aquakem v. 7.2AQ1

Results from time period:

Tue May 21 10:21:48 2019

Tue May 21 11:43:52 2019

| Sample Id    | Sam/Ctr/c | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|-----------|------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN     | A         | Total CN   | P         | -0.2491  | µg/l        | 5/21/2019 10:21:48   |      |
| 5.OPPBCN     | A         | Total CN   | P         | 4.5569   | µg/l        | 5/21/2019 10:21:49   |      |
| 10PPBCN      | A         | Total CN   | P         | 9.3769   | µg/l        | 5/21/2019 10:21:50   |      |
| 50PPBCN      | A         | Total CN   | P         | 55.8326  | µg/l        | 5/21/2019 10:21:51   |      |
| 100PPBCN     | A         | Total CN   | P         | 96.5146  | µg/l        | 5/21/2019 10:21:52   |      |
| 250PPBCN     | A         | Total CN   | P         | 247.6748 | µg/l        | 5/21/2019 10:21:53   |      |
| 500PPBCN     | A         | Total CN   | P         | 501.2933 | µg/l        | 5/21/2019 10:21:54   |      |
| ICV1         | S         | Total CN   | P         | 97.0592  | µg/l        | 5/21/2019 11:04:27   |      |
| ICB1         | S         | Total CN   | P         | 0.5093   | µg/l        | 5/21/2019 11:04:28   |      |
| CCV1         | S         | Total CN   | P         | 240.1083 | µg/l        | 5/21/2019 11:04:29   |      |
| CCB1         | S         | Total CN   | P         | 0.4049   | µg/l        | 5/21/2019 11:04:30   |      |
| PB119886BL   | S         | Total CN   | P         | 0.3531   | µg/l        | 5/21/2019 11:04:31   |      |
| PB119886BS   | S         | Total CN   | P         | 99.1923  | µg/l        | 5/21/2019 11:04:32   |      |
| LOWPB119886  | S         | Total CN   | P         | 10.0735  | µg/l        | 5/21/2019 11:04:33   |      |
| HIGHPB119886 | S         | Total CN   | P         | 491.3787 | µg/l        | 5/21/2019 11:04:34   |      |
| K2641-11     | S         | Total CN   | P         | 1.1494   | µg/l        | 5/21/2019 11:04:35   |      |
| K2641-11DUP  | S         | Total CN   | P         | 0.8723   | µg/l        | 5/21/2019 11:04:36   |      |
| K2641-11MS   | S         | Total CN   | P         | 31.1525  | µg/l        | 5/21/2019 11:04:37   |      |
| K2641-11MSD  | S         | Total CN   | P         | 30.6678  | µg/l        | 5/21/2019 11:12:02   |      |
| K2647-09     | S         | Total CN   | P         | 0.7329   | µg/l        | 5/21/2019 11:12:03   |      |
| K2909-02     | S         | Total CN   | P         | 1.0639   | µg/l        | 5/21/2019 11:12:04   |      |
| CCV2         | S         | Total CN   | P         | 239.875  | µg/l        | 5/21/2019 11:12:05   |      |
| CCB2         | S         | Total CN   | P         | 0.3625   | µg/l        | 5/21/2019 11:12:06   |      |
| K2909-03     | S         | Total CN   | P         | -0.177   | µg/l        | 5/21/2019 11:12:07   |      |
| K2913-03     | S         | Total CN   | P         | 1.8969   | µg/l        | 5/21/2019 11:12:08   |      |
| K2922-01     | S         | Total CN   | P         | 2.2232   | µg/l        | 5/21/2019 11:12:09   |      |
| K2922-05     | S         | Total CN   | P         | 1.0097   | µg/l        | 5/21/2019 11:12:10   |      |
| K2943-01     | S         | Total CN   | P         | 0.8504   | µg/l        | 5/21/2019 11:12:11   |      |
| K2943-05     | S         | Total CN   | P         | 0.4102   | µg/l        | 5/21/2019 11:12:12   |      |
| K2943-09     | S         | Total CN   | P         | 0.5702   | µg/l        | 5/21/2019 11:19:34   |      |
| K2943-13     | S         | Total CN   | P         | 1.3492   | µg/l        | 5/21/2019 11:19:35   |      |
| CCV3         | S         | Total CN   | P         | 242.868  | µg/l        | 5/21/2019 11:19:38   |      |
| CCB3         | S         | Total CN   | P         | 0.454    | µg/l        | 5/21/2019 11:19:39   |      |
| K2943-17MS   | S         | Total CN   | P         | 33.7224  | µg/l        | 5/21/2019 11:19:40   |      |
| K2943-17MSD  | S         | Total CN   | P         | 33.9237  | µg/l        | 5/21/2019 11:19:41   |      |
| PB119887BL   | S         | Total CN   | P         | 0.2255   | µg/l        | 5/21/2019 11:19:42   |      |
| PB119887BS   | S         | Total CN   | P         | 97.0603  | µg/l        | 5/21/2019 11:19:43   |      |
| K2913-05     | S         | Total CN   | P         | 7.4537   | µg/l        | 5/21/2019 11:19:44   |      |
| K2913-05DUP  | S         | Total CN   | P         | 7.109    | µg/l        | 5/21/2019 11:27:09   |      |
| K2913-05MS   | S         | Total CN   | P         | 40.4718  | µg/l        | 5/21/2019 11:27:10   |      |
| K2913-05MSD  | S         | Total CN   | P         | 40.3321  | µg/l        | 5/21/2019 11:27:11   |      |
| K2943-17     | S         | Total CN   | P         | 0.7854   | µg/l        | 5/21/2019 11:40:55   |      |

AB

|             |   |          |   |               |                    |
|-------------|---|----------|---|---------------|--------------------|
| K2943-17DUP | S | Total CN | P | 1.1334 µg/l   | 5/21/2019 11:43:50 |
| CCV4        | S | Total CN | P | 256.6285 µg/l | 5/21/2019 11:43:51 |
| CCB4        | S | Total CN | P | 0.1354 µg/l   | 5/21/2019 11:43:52 |

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

Instrument ID : Konelab

5/21/2019 10:27

Test Total CN

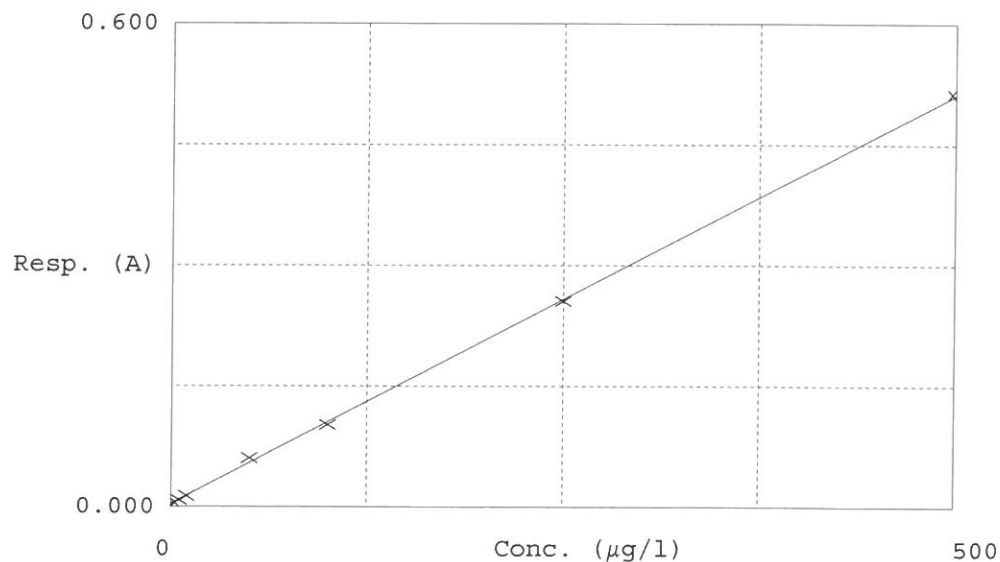
Accepted 5/21/2019 10:27

Factor 984.7

Bias 0.004

Coeff. of det. 0.999738

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.004    | -0.2491    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.009    | 4.5569     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 9.3769     | 10.0000  |        |
| 4 | 50PPBCN    | 0.061    | 55.8326    | 50.0000  |        |
| 5 | 100PPBCN   | 0.102    | 96.5146    | 100.0000 |        |
| 6 | 250PPBCN   | 0.255    | 247.6748   | 250.0000 |        |
| 7 | 500PPBCN   | 0.513    | 501.2933   | 500.0000 |        |