

LB105561

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Calibration results

Aquakem 7.2AQ1

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CHEMTECH

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

Instrument ID : Konelab

10/8/2019 12:53  
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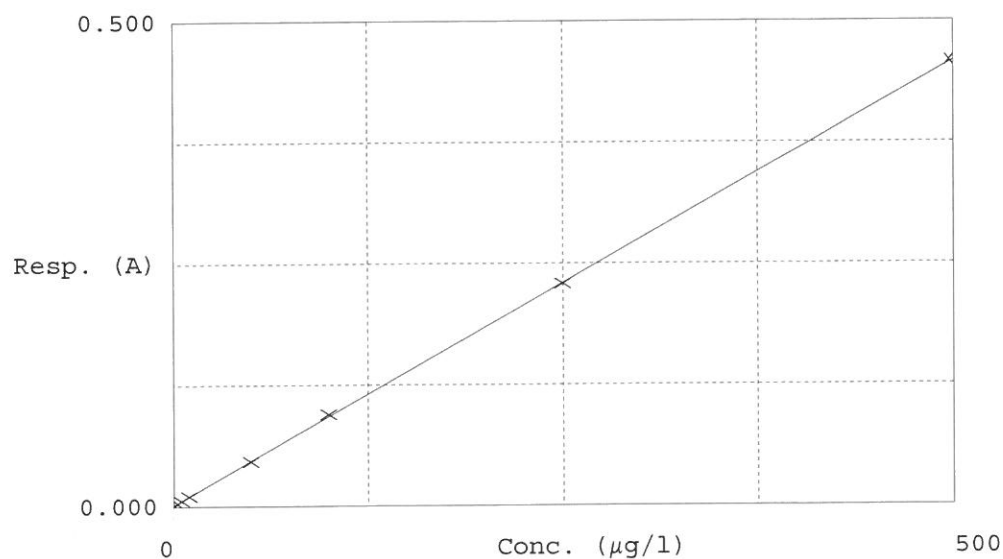
Test Total CN

Accepted 10/8/2019 12:53

Factor 1094  
Bias 0.002

Coeff. of det. 0.999968

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.002    | -0.0553    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.006    | 5.0387     | 5.0000   |        |
| 3 | 10PPBCN    | 0.011    | 9.8843     | 10.0000  |        |
| 4 | 50PPBCN    | 0.046    | 48.8987    | 50.0000  |        |
| 5 | 100PPBCN   | 0.095    | 102.0623   | 100.0000 |        |
| 6 | 250PPBCN   | 0.229    | 248.9434   | 250.0000 |        |
| 7 | 500PPBCN   | 0.459    | 500.2279   | 500.0000 |        |

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

Instrument ID : Konelab

10/8/2019 13:59

Test: Total CN

ug/L

| Sample Id    | Result  | Dil. 1 + | Response | Errors |
|--------------|---------|----------|----------|--------|
| ICV1         | 98.380  | 0.0      | 0.092    |        |
| ICB1         | -0.040  | 0.0      | 0.002    |        |
| CCV1         | 243.202 | 0.0      | 0.224    |        |
| CCB1         | 0.222   | 0.0      | 0.002    |        |
| PB123689BL   | 0.024   | 0.0      | 0.002    |        |
| PB123689BS   | 98.275  | 0.0      | 0.091    |        |
| LOWPB123689  | 9.740   | 0.0      | 0.011    |        |
| HIGHPB123689 | 478.507 | 0.0      | 0.439    |        |
| K5141-01     | 1.777   | 0.0      | 0.003    |        |
| K5141-01DUP  | 1.811   | 0.0      | 0.003    |        |
| K5141-01MSD  | 36.106  | 0.0      | 0.035    |        |
| K5141-01MS   | 36.327  | 0.0      | 0.035    |        |
| CCV2         | 239.520 | 0.0      | 0.220    |        |
| CCB2         | 1.203   | 0.0      | 0.003    |        |
| K5146-01     | 0.534   | 0.0      | 0.002    |        |
| PB123751BL   | -0.135  | 0.0      | 0.001    |        |
| PB123751BS   | 96.481  | 0.0      | 0.090    |        |
| LOWPB123751  | 10.348  | 0.0      | 0.011    |        |
| HIGHPB123751 | 485.471 | 0.0      | 0.445    |        |
| K5147-01     | 1.312   | 0.0      | 0.003    |        |
| K5147-01DUP  | 0.939   | 0.0      | 0.002    |        |
| K5147-01MS   | 43.471  | 0.0      | 0.041    |        |
| K5147-01MSD  | 43.957  | 0.0      | 0.042    |        |
| CCV3         | 238.317 | 0.0      | 0.219    |        |
| CCB3         | 0.422   | 0.0      | 0.002    |        |
| K5152-01     | 0.512   | 0.0      | 0.002    |        |
| K5238-01     | 0.409   | 0.0      | 0.002    |        |
| K5239-01     | 0.323   | 0.0      | 0.002    |        |
| CCV4         | 246.018 | 0.0      | 0.226    |        |
| CCB4         | 0.065   | 0.0      | 0.002    |        |

|      |          |
|------|----------|
| N    | 30       |
| Mean | 80.450   |
| SD   | 136.4105 |
| CV%  | 169.56   |

CT  
10/8/19

Aquakem v. 7.2AQ1

Results from time period:

Tue Oct 08 12:49:14 2019

Tue Oct 08 13:57:07 2019

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN     | A          | Total CN   | P         | -0.0553  | µg/l        | 10/8/2019 12:49:14   |      |
| 5.OPPBCN     | A          | Total CN   | P         | 5.0387   | µg/l        | 10/8/2019 12:49:15   |      |
| 10PPBCN      | A          | Total CN   | P         | 9.8843   | µg/l        | 10/8/2019 12:49:16   |      |
| 50PPBCN      | A          | Total CN   | P         | 48.8987  | µg/l        | 10/8/2019 12:49:17   |      |
| 100PPBCN     | A          | Total CN   | P         | 102.0623 | µg/l        | 10/8/2019 12:49:18   |      |
| 250PPBCN     | A          | Total CN   | P         | 248.9434 | µg/l        | 10/8/2019 12:49:19   |      |
| 500PPBCN     | A          | Total CN   | P         | 500.2279 | µg/l        | 10/8/2019 12:49:20   |      |
| ICV1         | S          | Total CN   | P         | 98.3797  | µg/l        | 10/8/2019 13:36:40   |      |
| ICB1         | S          | Total CN   | P         | -0.04    | µg/l        | 10/8/2019 13:36:41   |      |
| CCV1         | S          | Total CN   | P         | 243.2022 | µg/l        | 10/8/2019 13:36:44   |      |
| CCB1         | S          | Total CN   | P         | 0.2221   | µg/l        | 10/8/2019 13:36:45   |      |
| PB123689BL   | S          | Total CN   | P         | 0.0241   | µg/l        | 10/8/2019 13:36:47   |      |
| PB123689BS   | S          | Total CN   | P         | 98.2749  | µg/l        | 10/8/2019 13:36:48   |      |
| LOWPB123689  | S          | Total CN   | P         | 9.7397   | µg/l        | 10/8/2019 13:36:49   |      |
| HIGHPB123689 | S          | Total CN   | P         | 478.5072 | µg/l        | 10/8/2019 13:44:15   |      |
| K5141-01     | S          | Total CN   | P         | 1.7769   | µg/l        | 10/8/2019 13:44:16   |      |
| K5141-01DUP  | S          | Total CN   | P         | 1.8113   | µg/l        | 10/8/2019 13:44:17   |      |
| K5141-01MSD  | S          | Total CN   | P         | 36.1058  | µg/l        | 10/8/2019 13:44:20   |      |
| K5141-01MS   | S          | Total CN   | P         | 36.3272  | µg/l        | 10/8/2019 13:44:21   |      |
| CCV2         | S          | Total CN   | P         | 239.5197 | µg/l        | 10/8/2019 13:44:22   |      |
| CCB2         | S          | Total CN   | P         | 1.2026   | µg/l        | 10/8/2019 13:44:23   |      |
| K5146-01     | S          | Total CN   | P         | 0.5335   | µg/l        | 10/8/2019 13:44:24   |      |
| PB123751BL   | S          | Total CN   | P         | -0.1349  | µg/l        | 10/8/2019 13:44:25   |      |
| PB123751BS   | S          | Total CN   | P         | 96.4806  | µg/l        | 10/8/2019 13:51:47   |      |
| LOWPB123751  | S          | Total CN   | P         | 10.3484  | µg/l        | 10/8/2019 13:51:48   |      |
| HIGHPB123751 | S          | Total CN   | P         | 485.4709 | µg/l        | 10/8/2019 13:51:49   |      |
| K5147-01     | S          | Total CN   | P         | 1.3119   | µg/l        | 10/8/2019 13:51:50   |      |
| K5147-01DUP  | S          | Total CN   | P         | 0.9386   | µg/l        | 10/8/2019 13:51:51   |      |
| K5147-01MS   | S          | Total CN   | P         | 43.4706  | µg/l        | 10/8/2019 13:51:52   |      |
| K5147-01MSD  | S          | Total CN   | P         | 43.957   | µg/l        | 10/8/2019 13:51:53   |      |
| CCV3         | S          | Total CN   | P         | 238.3175 | µg/l        | 10/8/2019 13:51:55   |      |
| CCB3         | S          | Total CN   | P         | 0.4221   | µg/l        | 10/8/2019 13:51:56   |      |
| K5152-01     | S          | Total CN   | P         | 0.5117   | µg/l        | 10/8/2019 13:57:02   |      |
| K5238-01     | S          | Total CN   | P         | 0.4086   | µg/l        | 10/8/2019 13:57:03   |      |
| K5239-01     | S          | Total CN   | P         | 0.3233   | µg/l        | 10/8/2019 13:57:04   |      |
| CCV4         | S          | Total CN   | P         | 246.0181 | µg/l        | 10/8/2019 13:57:05   |      |
| CCB4         | S          | Total CN   | P         | 0.0647   | µg/l        | 10/8/2019 13:57:06   |      |