

Calibration results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

8/13/2019 8:06

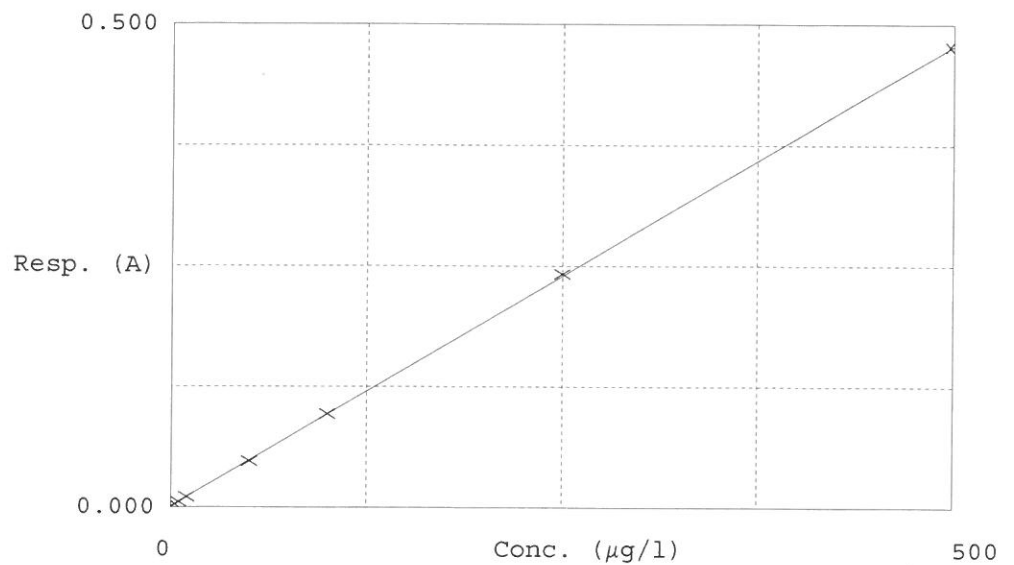
Test Total CN

Accepted 8/13/2019 8:06

Factor 1048  
 Bias 0.001

Coeff. of det. 0.999965

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.001    | -0.1139    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.006    | 4.5602     | 5.0000   |        |
| 3 | 10PPBCN    | 0.011    | 10.1195    | 10.0000  |        |
| 4 | 50PPBCN    | 0.048    | 48.9706    | 50.0000  |        |
| 5 | 100PPBCN   | 0.097    | 100.3321   | 100.0000 |        |
| 6 | 250PPBCN   | 0.242    | 252.1857   | 250.0000 |        |
| 7 | 500PPBCN   | 0.477    | 498.9456   | 500.0000 |        |

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

Instrument ID : Konelab

8/13/2019 9:45

Test: Total CN

*dg/L*

| Sample Id    | Result  | Dil. 1 + | Response | Errors |
|--------------|---------|----------|----------|--------|
| ICV1         | 96.706  | 0.0      | 0.093    |        |
| ICB1         | 0.536   | 0.0      | 0.002    |        |
| CCV1         | 243.259 | 0.0      | 0.233    |        |
| CCB1         | 0.285   | 0.0      | 0.001    |        |
| PB122194BL   | 0.485   | 0.0      | 0.002    |        |
| PB122194BS   | 96.058  | 0.0      | 0.093    |        |
| LOWPB122194  | 10.577  | 0.0      | 0.011    |        |
| HIGHPB122194 | 485.770 | 0.0      | 0.464    |        |
| K4085-01     | 1.405   | 0.0      | 0.002    |        |
| K4085-01DUP  | 0.962   | 0.0      | 0.002    |        |
| K4085-01MS   | 38.615  | 0.0      | 0.038    |        |
| K4085-01MSD  | 37.921  | 0.0      | 0.037    |        |
| K4085-03     | 0.619   | 0.0      | 0.002    |        |
| K4085-05     | 1.227   | 0.0      | 0.002    |        |
| CCV2         | 242.192 | 0.0      | 0.232    |        |
| CCB2         | 0.176   | 0.0      | 0.001    |        |
| K4090-05     | 2.026   | 0.0      | 0.003    |        |
| K4090-07     | 0.762   | 0.0      | 0.002    |        |
| K4095-05     | 0.739   | 0.0      | 0.002    |        |
| K4095-07     | 0.957   | 0.0      | 0.002    |        |
| K4292-01     | 0.323   | 0.0      | 0.001    |        |
| K4294-01     | 0.194   | 0.0      | 0.001    |        |
| K4294-04     | 2.847   | 0.0      | 0.004    |        |
| K4294-07     | 0.088   | 0.0      | 0.001    |        |
| PB122195BL   | 0.218   | 0.0      | 0.001    |        |
| CCV3         | 240.272 | 0.0      | 0.230    |        |
| CCB3         | 0.444   | 0.0      | 0.002    |        |
| K4277-13     | 24.705  | 0.0      | 0.025    |        |
| K4277-13DUP  | 24.431  | 0.0      | 0.024    |        |
| K4277-13MS   | 67.318  | 0.0      | 0.065    |        |
| K4277-13MSD  | 66.146  | 0.0      | 0.064    |        |
| K4294-10     | 0.549   | 0.0      | 0.002    |        |
| PB122195BS   | 101.327 | 0.0      | 0.098    |        |
| CCV4         | 254.127 | 0.0      | 0.244    |        |
| CCB4         | 0.268   | 0.0      | 0.001    |        |

|      |          |
|------|----------|
| N    | 35       |
| Mean | 58.415   |
| SD   | 108.2896 |
| CV%  | 185.38   |

CT

Aquakem v. 7.2AQ1

Results from time period:

Tue Aug 13 08:06:23 2019

Tue Aug 13 09:43:19 2019

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN     | A          | Total CN   | P         | -0.1139  | µg/l        | 8/13/2019 8:06:23    |      |
| 5.0PPBCN     | A          | Total CN   | P         | 4.5602   | µg/l        | 8/13/2019 8:06:24    |      |
| 10PPBCN      | A          | Total CN   | P         | 10.1195  | µg/l        | 8/13/2019 8:06:25    |      |
| 50PPBCN      | A          | Total CN   | P         | 48.9706  | µg/l        | 8/13/2019 8:06:26    |      |
| 100PPBCN     | A          | Total CN   | P         | 100.3321 | µg/l        | 8/13/2019 8:06:27    |      |
| 250PPBCN     | A          | Total CN   | P         | 252.1857 | µg/l        | 8/13/2019 8:06:28    |      |
| 500PPBCN     | A          | Total CN   | P         | 498.9456 | µg/l        | 8/13/2019 8:06:29    |      |
| ICV1         | S          | Total CN   | P         | 96.7059  | µg/l        | 8/13/2019 8:49:37    |      |
| ICB1         | S          | Total CN   | P         | 0.5355   | µg/l        | 8/13/2019 8:49:38    |      |
| CCV1         | S          | Total CN   | P         | 243.2587 | µg/l        | 8/13/2019 8:49:39    |      |
| CCB1         | S          | Total CN   | P         | 0.2846   | µg/l        | 8/13/2019 8:49:40    |      |
| PB122194BL   | S          | Total CN   | P         | 0.4845   | µg/l        | 8/13/2019 8:49:41    |      |
| PB122194BS   | S          | Total CN   | P         | 96.0575  | µg/l        | 8/13/2019 8:49:42    |      |
| LOWPB122194  | S          | Total CN   | P         | 10.5775  | µg/l        | 8/13/2019 8:49:43    |      |
| HIGHPB122194 | S          | Total CN   | P         | 485.7695 | µg/l        | 8/13/2019 8:49:44    |      |
| K4085-01     | S          | Total CN   | P         | 1.405    | µg/l        | 8/13/2019 8:49:45    |      |
| K4085-01DUP  | S          | Total CN   | P         | 0.9619   | µg/l        | 8/13/2019 8:49:46    |      |
| K4085-01MS   | S          | Total CN   | P         | 38.6147  | µg/l        | 8/13/2019 8:49:47    |      |
| K4085-01MSD  | S          | Total CN   | P         | 37.9211  | µg/l        | 8/13/2019 8:57:09    |      |
| K4085-03     | S          | Total CN   | P         | 0.6186   | µg/l        | 8/13/2019 8:57:10    |      |
| K4085-05     | S          | Total CN   | P         | 1.2266   | µg/l        | 8/13/2019 8:57:11    |      |
| CCV2         | S          | Total CN   | P         | 242.192  | µg/l        | 8/13/2019 8:57:12    |      |
| CCB2         | S          | Total CN   | P         | 0.1757   | µg/l        | 8/13/2019 8:57:13    |      |
| K4090-05     | S          | Total CN   | P         | 2.026    | µg/l        | 8/13/2019 8:57:14    |      |
| K4090-07     | S          | Total CN   | P         | 0.7623   | µg/l        | 8/13/2019 8:57:15    |      |
| K4095-05     | S          | Total CN   | P         | 0.739    | µg/l        | 8/13/2019 8:57:16    |      |
| K4095-07     | S          | Total CN   | P         | 0.9567   | µg/l        | 8/13/2019 8:57:17    |      |
| K4292-01     | S          | Total CN   | P         | 0.3229   | µg/l        | 8/13/2019 8:57:18    |      |
| K4294-01     | S          | Total CN   | P         | 0.1937   | µg/l        | 8/13/2019 8:57:19    |      |
| K4294-04     | S          | Total CN   | P         | 2.847    | µg/l        | 8/13/2019 9:04:44    |      |
| K4294-07     | S          | Total CN   | P         | 0.0878   | µg/l        | 8/13/2019 9:04:45    |      |
| PB122195BL   | S          | Total CN   | P         | 0.2176   | µg/l        | 8/13/2019 9:04:47    |      |
| CCV3         | S          | Total CN   | P         | 240.2721 | µg/l        | 8/13/2019 9:04:48    |      |
| CCB3         | S          | Total CN   | P         | 0.4439   | µg/l        | 8/13/2019 9:04:49    |      |
| K4277-13     | S          | Total CN   | P         | 24.7049  | µg/l        | 8/13/2019 9:04:51    |      |
| K4277-13DUP  | S          | Total CN   | P         | 24.431   | µg/l        | 8/13/2019 9:04:52    |      |
| K4277-13MS   | S          | Total CN   | P         | 67.3178  | µg/l        | 8/13/2019 9:04:53    |      |
| K4277-13MSD  | S          | Total CN   | P         | 66.1458  | µg/l        | 8/13/2019 9:04:54    |      |
| K4294-10     | S          | Total CN   | P         | 0.5491   | µg/l        | 8/13/2019 9:43:15    |      |
| PB122195BS   | S          | Total CN   | P         | 101.3267 | µg/l        | 8/13/2019 9:43:16    |      |
| CCV4         | S          | Total CN   | P         | 254.1271 | µg/l        | 8/13/2019 9:43:18    |      |
| CCB4         | S          | Total CN   | P         | 0.2679   | µg/l        | 8/13/2019 9:43:19    |      |