

Test results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

3/7/2019 14:31

Test: Total CN

| Sample Id    | Result  | Dil. 1 + | Response | Errors |
|--------------|---------|----------|----------|--------|
| ICV1         | 95.052  | 0.0      | 0.094    |        |
| ICB1         | 0.783   | 0.0      | 0.005    |        |
| CCV1         | 242.702 | 0.0      | 0.234    |        |
| CCB1         | 0.807   | 0.0      | 0.005    |        |
| PB117700BL   | 0.726   | 0.0      | 0.005    |        |
| PB117700BS   | 96.712  | 0.0      | 0.096    |        |
| LOWPB117700  | 9.967   | 0.0      | 0.014    |        |
| HIGHPB117700 | 490.073 | 0.0      | 0.469    |        |
| K1757-03     | 1.643   | 0.0      | 0.006    |        |
| K1757-03DUP  | 1.362   | 0.0      | 0.005    |        |
| K1757-03MS   | 35.164  | 0.0      | 0.037    |        |
| K1757-03MSD  | 35.071  | 0.0      | 0.037    |        |
| K1757-07     | 0.172   | 0.0      | 0.004    |        |
| K1757-11     | 2.791   | 0.0      | 0.007    |        |
| CCV2         | 243.818 | 0.0      | 0.235    |        |
| CCB2         | 0.730   | 0.0      | 0.005    |        |
| K1757-15     | 0.736   | 0.0      | 0.005    |        |
| K1760-03     | 1.502   | 0.0      | 0.006    |        |
| K1760-07     | 1.571   | 0.0      | 0.006    |        |
| K1760-11     | 1.583   | 0.0      | 0.006    |        |
| K1760-15     | 1.154   | 0.0      | 0.005    |        |
| K1760-19     | 0.506   | 0.0      | 0.005    |        |
| K1780-01     | 0.828   | 0.0      | 0.005    |        |
| K1780-05     | 1.145   | 0.0      | 0.005    |        |
| PB117701BL   | 0.543   | 0.0      | 0.005    |        |
| PB117701BS   | 96.566  | 0.0      | 0.096    |        |
| CCV3         | 245.223 | 0.0      | 0.237    |        |
| CCB3         | 0.630   | 0.0      | 0.005    |        |
| K1761-01     | 1.699   | 0.0      | 0.006    |        |
| K1761-01DUP  | 1.940   | 0.0      | 0.006    |        |
| K1761-01MS   | 35.452  | 0.0      | 0.038    |        |
| K1761-01MSD  | 35.902  | 0.0      | 0.038    |        |
| CCV4         | 256.539 | 0.0      | 0.247    |        |
| CCB4         | 0.496   | 0.0      | 0.005    |        |

|      |          |
|------|----------|
| N    | 34       |
| Mean | 57.106   |
| SD   | 110.9807 |
| CV%  | 194.34   |

Aquakem v. 7.2AQ1

Results from time period:

Thu Mar 07 12:53:09 2019

Thu Mar 07 14:26:41 2019

AS

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN     | A          | Total CN   | P         | 0.4166   | µg/l        | 3/7/2019 12:53:09    |      |
| 5.0PPBCN     | A          | Total CN   | P         | 4.9054   | µg/l        | 3/7/2019 12:53:10    |      |
| 10PPBCN      | A          | Total CN   | P         | 10.2213  | µg/l        | 3/7/2019 12:53:11    |      |
| 50PPBCN      | A          | Total CN   | P         | 47.4208  | µg/l        | 3/7/2019 12:53:12    |      |
| 100PPBCN     | A          | Total CN   | P         | 100.1462 | µg/l        | 3/7/2019 12:53:13    |      |
| 250PPBCN     | A          | Total CN   | P         | 253.3289 | µg/l        | 3/7/2019 12:53:14    |      |
| 500PPBCN     | A          | Total CN   | P         | 498.5608 | µg/l        | 3/7/2019 12:53:15    |      |
| ICV1         | S          | Total CN   | P         | 95.0518  | µg/l        | 3/7/2019 14:06:43    |      |
| ICB1         | S          | Total CN   | P         | 0.7828   | µg/l        | 3/7/2019 14:06:44    |      |
| CCV1         | S          | Total CN   | P         | 242.7025 | µg/l        | 3/7/2019 14:06:45    |      |
| CCB1         | S          | Total CN   | P         | 0.8067   | µg/l        | 3/7/2019 14:06:46    |      |
| PB117700BL   | S          | Total CN   | P         | 0.7256   | µg/l        | 3/7/2019 14:06:47    |      |
| PB117700BS   | S          | Total CN   | P         | 96.7121  | µg/l        | 3/7/2019 14:06:48    |      |
| LOWPB117700  | S          | Total CN   | P         | 9.9672   | µg/l        | 3/7/2019 14:06:49    |      |
| HIGHPB117700 | S          | Total CN   | P         | 490.0726 | µg/l        | 3/7/2019 14:06:50    |      |
| K1757-03     | S          | Total CN   | P         | 1.6433   | µg/l        | 3/7/2019 14:06:51    |      |
| K1757-03DUP  | S          | Total CN   | P         | 1.3625   | µg/l        | 3/7/2019 14:06:52    |      |
| K1757-03MS   | S          | Total CN   | P         | 35.1644  | µg/l        | 3/7/2019 14:06:53    |      |
| K1757-03MSD  | S          | Total CN   | P         | 35.0711  | µg/l        | 3/7/2019 14:14:18    |      |
| K1757-07     | S          | Total CN   | P         | 0.1724   | µg/l        | 3/7/2019 14:14:19    |      |
| K1757-11     | S          | Total CN   | P         | 2.7912   | µg/l        | 3/7/2019 14:14:20    |      |
| CCV2         | S          | Total CN   | P         | 243.8176 | µg/l        | 3/7/2019 14:14:21    |      |
| CCB2         | S          | Total CN   | P         | 0.73     | µg/l        | 3/7/2019 14:14:22    |      |
| K1757-15     | S          | Total CN   | P         | 0.7363   | µg/l        | 3/7/2019 14:14:23    |      |
| K1760-03     | S          | Total CN   | P         | 1.502    | µg/l        | 3/7/2019 14:14:24    |      |
| K1760-07     | S          | Total CN   | P         | 1.5705   | µg/l        | 3/7/2019 14:14:25    |      |
| K1760-11     | S          | Total CN   | P         | 1.5832   | µg/l        | 3/7/2019 14:14:26    |      |
| K1760-15     | S          | Total CN   | P         | 1.154    | µg/l        | 3/7/2019 14:14:27    |      |
| K1760-19     | S          | Total CN   | P         | 0.5059   | µg/l        | 3/7/2019 14:14:28    |      |
| K1780-01     | S          | Total CN   | P         | 0.828    | µg/l        | 3/7/2019 14:21:50    |      |
| K1780-05     | S          | Total CN   | P         | 1.1452   | µg/l        | 3/7/2019 14:21:51    |      |
| PB117701BL   | S          | Total CN   | P         | 0.5426   | µg/l        | 3/7/2019 14:21:52    |      |
| PB117701BS   | S          | Total CN   | P         | 96.5661  | µg/l        | 3/7/2019 14:21:53    |      |
| CCV3         | S          | Total CN   | P         | 245.223  | µg/l        | 3/7/2019 14:21:54    |      |
| CCB3         | S          | Total CN   | P         | 0.6303   | µg/l        | 3/7/2019 14:21:55    |      |
| K1761-01     | S          | Total CN   | P         | 1.6994   | µg/l        | 3/7/2019 14:21:56    |      |
| K1761-01DUP  | S          | Total CN   | P         | 1.9395   | µg/l        | 3/7/2019 14:21:57    |      |
| K1761-01MS   | S          | Total CN   | P         | 35.452   | µg/l        | 3/7/2019 14:21:58    |      |
| K1761-01MSD  | S          | Total CN   | P         | 35.902   | µg/l        | 3/7/2019 14:21:59    |      |
| CCV4         | S          | Total CN   | P         | 256.5387 | µg/l        | 3/7/2019 14:26:40    |      |
| CCB4         | S          | Total CN   | P         | 0.4963   | µg/l        | 3/7/2019 14:26:41    |      |

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

Instrument ID : Konelab

3/7/2019 12:53

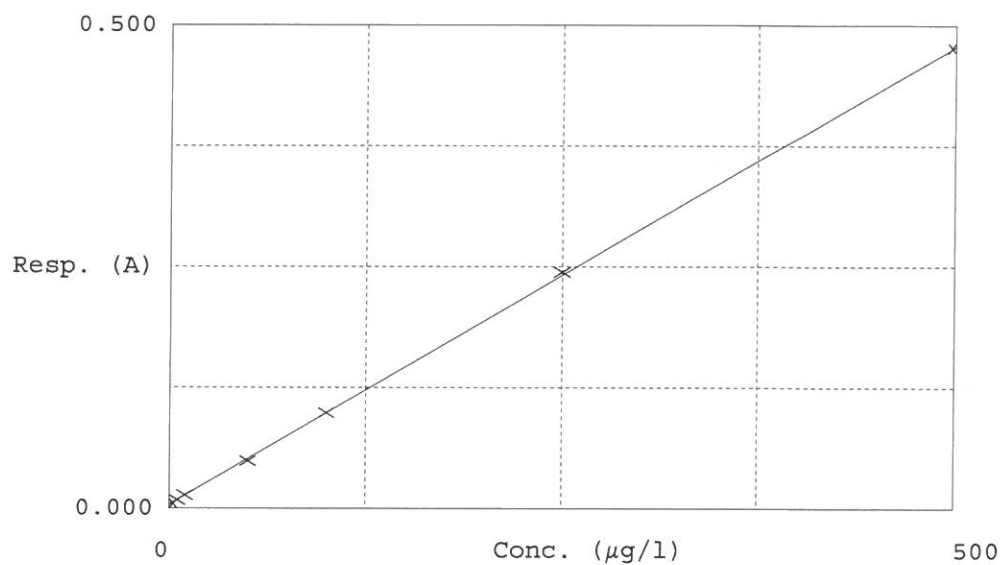
Test Total CN

Accepted 3/7/2019 12:53

Factor 1055  
Bias 0.004

Coeff. of det. 0.999902

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.005    | 0.4166     | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.009    | 4.9054     | 5.0000   |        |
| 3 | 10PPBCN    | 0.014    | 10.2213    | 10.0000  |        |
| 4 | 50PPBCN    | 0.049    | 47.4208    | 50.0000  |        |
| 5 | 100PPBCN   | 0.099    | 100.1462   | 100.0000 |        |
| 6 | 250PPBCN   | 0.244    | 253.3289   | 250.0000 |        |
| 7 | 500PPBCN   | 0.477    | 498.5608   | 500.0000 |        |