

LB106872

Test results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

12/20/2019 14:27

Test: Total CN

| Sample Id    | Result <sup>ug/L</sup> | Dil. 1 + | Response | Errors |
|--------------|------------------------|----------|----------|--------|
| ICV1         | 95.874                 | 0.0      | 0.112    |        |
| ICB1         | 0.679                  | 0.0      | 0.002    |        |
| CCV1         | 244.625                | 0.0      | 0.283    |        |
| CCB1         | 0.782                  | 0.0      | 0.002    |        |
| PB125612BL   | 0.469                  | 0.0      | 0.002    |        |
| PB125612BS   | 97.567                 | 0.0      | 0.114    |        |
| LOWPB125612  | 10.195                 | 0.0      | 0.013    |        |
| HIGHPB125612 | 487.980                | 0.0      | 0.564    |        |
| K6107-01     | 1.437                  | 0.0      | 0.003    |        |
| K6107-01DUP  | 1.109                  | 0.0      | 0.003    |        |
| K6107-01MS   | 31.916                 | 0.0      | 0.038    |        |
| K6107-MSD    | 31.569                 | 0.0      | 0.038    |        |
| K6350-01     | 1.341                  | 0.0      | 0.003    |        |
| K6360-01     | 1.558                  | 0.0      | 0.003    |        |
| CCV2         | 245.737                | 0.0      | 0.285    |        |
| CCB2         | 0.789                  | 0.0      | 0.002    |        |
| K6370-01     | 8.724                  | 0.0      | 0.011    |        |
| K6370-03     | 2.566                  | 0.0      | 0.004    |        |
| K6370-05     | 2.538                  | 0.0      | 0.004    |        |
| K6370-07     | 3.038                  | 0.0      | 0.005    |        |
| PB125613BL   | 0.661                  | 0.0      | 0.002    |        |
| PB125613BS   | 97.996                 | 0.0      | 0.114    |        |
| K6363-01     | 0.858                  | 0.0      | 0.002    |        |
| K6363-01DUP  | 1.060                  | 0.0      | 0.002    |        |
| K6363-01MS   | 31.118                 | 0.0      | 0.037    |        |
| K6363-01MSD  | 31.144                 | 0.0      | 0.037    |        |
| CCV3         | 257.042                | 0.0      | 0.298    |        |
| CCB3         | 0.635                  | 0.0      | 0.002    |        |

|      |          |
|------|----------|
| N    | 28       |
| Mean | 60.393   |
| SD   | 114.6298 |
| CV%  | 189.81   |

Aquakem v. 7.2AQ1

Results from time period:

Fri Dec 20 13:26:33 2019

Fri Dec 20 14:23:52 2019

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN     | A          | Total CN   | P         | 0.4224   | µg/l        | 12/20/2019 11:16:59  |      |
| 5.0PPBCN     | A          | Total CN   | P         | 5.3867   | µg/l        | 12/20/2019 11:17:00  |      |
| 10PPBCN      | A          | Total CN   | P         | 10.0821  | µg/l        | 12/20/2019 11:17:01  |      |
| 50PPBCN      | A          | Total CN   | P         | 49.1459  | µg/l        | 12/20/2019 11:17:02  |      |
| 100PPBCN     | A          | Total CN   | P         | 99.3198  | µg/l        | 12/20/2019 11:17:03  |      |
| 250PPBCN     | A          | Total CN   | P         | 250.8544 | µg/l        | 12/20/2019 11:17:04  |      |
| 500PPBCN     | A          | Total CN   | P         | 499.7887 | µg/l        | 12/20/2019 11:17:05  |      |
| ICV1         | S          | Total CN   | P         | 95.874   | µg/l        | 12/20/2019 14:10:57  |      |
| ICB1         | S          | Total CN   | P         | 0.679    | µg/l        | 12/20/2019 14:10:58  |      |
| CCV1         | S          | Total CN   | P         | 244.6248 | µg/l        | 12/20/2019 14:10:59  |      |
| CCB1         | S          | Total CN   | P         | 0.7822   | µg/l        | 12/20/2019 14:11:00  |      |
| PB125612BL   | S          | Total CN   | P         | 0.4693   | µg/l        | 12/20/2019 14:11:01  |      |
| PB125612BS   | S          | Total CN   | P         | 97.5665  | µg/l        | 12/20/2019 14:11:02  |      |
| LOWPB125612  | S          | Total CN   | P         | 10.1949  | µg/l        | 12/20/2019 14:11:03  |      |
| HIGHPB125612 | S          | Total CN   | P         | 487.9798 | µg/l        | 12/20/2019 14:11:04  |      |
| K6107-01     | S          | Total CN   | P         | 1.4367   | µg/l        | 12/20/2019 14:11:05  |      |
| K6107-01DUP  | S          | Total CN   | P         | 1.1093   | µg/l        | 12/20/2019 14:11:06  |      |
| K6107-01MS   | S          | Total CN   | P         | 31.9155  | µg/l        | 12/20/2019 14:11:07  |      |
| K6107-MSD    | S          | Total CN   | P         | 31.5691  | µg/l        | 12/20/2019 14:18:32  |      |
| K6350-01     | S          | Total CN   | P         | 1.3407   | µg/l        | 12/20/2019 14:18:33  |      |
| K6360-01     | S          | Total CN   | P         | 1.558    | µg/l        | 12/20/2019 14:18:34  |      |
| CCV2         | S          | Total CN   | P         | 245.7366 | µg/l        | 12/20/2019 14:18:35  |      |
| CCB2         | S          | Total CN   | P         | 0.7893   | µg/l        | 12/20/2019 14:18:36  |      |
| K6370-01     | S          | Total CN   | P         | 8.7242   | µg/l        | 12/20/2019 14:18:37  |      |
| K6370-03     | S          | Total CN   | P         | 2.5661   | µg/l        | 12/20/2019 14:18:38  |      |
| K6370-05     | S          | Total CN   | P         | 2.5376   | µg/l        | 12/20/2019 14:18:39  |      |
| K6370-07     | S          | Total CN   | P         | 3.0383   | µg/l        | 12/20/2019 14:18:40  |      |
| PB125613BL   | S          | Total CN   | P         | 0.6613   | µg/l        | 12/20/2019 14:18:41  |      |
| PB125613BS   | S          | Total CN   | P         | 97.9961  | µg/l        | 12/20/2019 14:18:42  |      |
| K6363-01     | S          | Total CN   | P         | 0.8577   | µg/l        | 12/20/2019 14:23:47  |      |
| K6363-01DUP  | S          | Total CN   | P         | 1.0599   | µg/l        | 12/20/2019 14:23:48  |      |
| K6363-01MS   | S          | Total CN   | P         | 31.1179  | µg/l        | 12/20/2019 14:23:49  |      |
| K6363-01MSD  | S          | Total CN   | P         | 31.1439  | µg/l        | 12/20/2019 14:23:50  |      |
| CCV3         | S          | Total CN   | P         | 257.0417 | µg/l        | 12/20/2019 14:23:51  |      |
| CCB3         | S          | Total CN   | P         | 0.6348   | µg/l        | 12/20/2019 14:23:52  |      |

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Calibration results

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

Instrument ID : Konelab

12/20/2019 14:37

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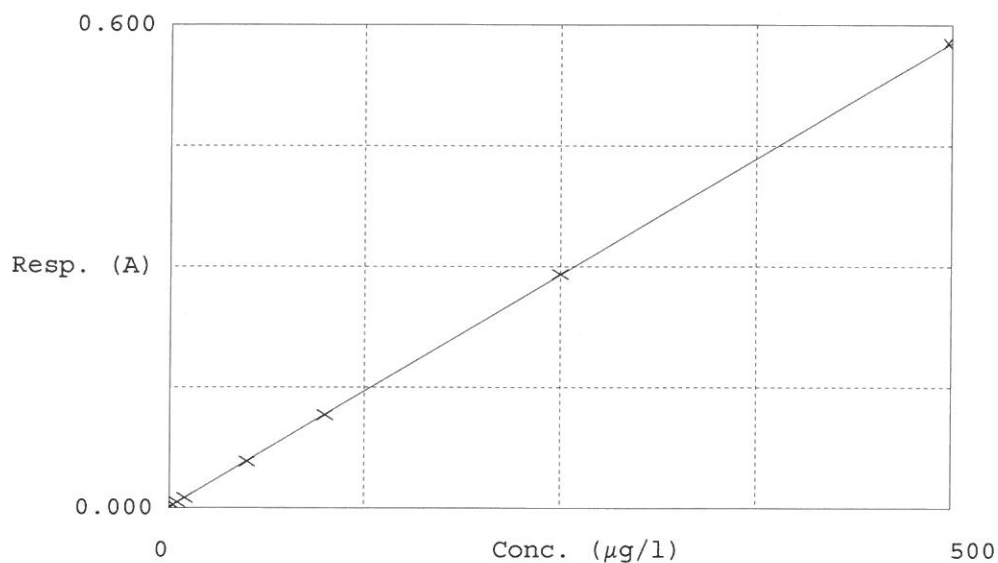
Test Total CN

Accepted 12/20/2019 11:18

Factor 867.1  
 Bias 0.001

Coeff. of det. 0.999989

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.002    | 0.4224     | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.007    | 5.3867     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 10.0821    | 10.0000  |        |
| 4 | 50PPBCN    | 0.058    | 49.1459    | 50.0000  |        |
| 5 | 100PPBCN   | 0.116    | 99.3198    | 100.0000 |        |
| 6 | 250PPBCN   | 0.291    | 250.8544   | 250.0000 |        |
| 7 | 500PPBCN   | 0.578    | 499.7887   | 500.0000 |        |