

LB110689

Test results

Aquakem 7.2AQ1

Page: 1

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

Instrument ID : Konelab

8/25/2020 14:08

Test: Total CN

| Sample Id    | Result <sup>ug/L</sup> | Dil. 1 + | Response | Errors |
|--------------|------------------------|----------|----------|--------|
| ICV1         | 98.395                 | 0.0      | 0.072    |        |
| ICB1         | 0.693                  | 0.0      | 0.001    |        |
| CCV1         | 243.990                | 0.0      | 0.178    |        |
| CCB1         | 0.306                  | 0.0      | 0.001    |        |
| PB131163BL   | 0.569                  | 0.0      | 0.001    |        |
| PB131163BS   | 100.088                | 0.0      | 0.074    |        |
| L3772-02     | 3.425                  | 0.0      | 0.003    |        |
| L3772-02DUP  | 2.818                  | 0.0      | 0.003    |        |
| L3772-02MS   | 45.625                 | 0.0      | 0.034    |        |
| L3772-02MSD  | 45.979                 | 0.0      | 0.034    |        |
| L3772-05     | 15.179                 | 0.0      | 0.012    |        |
| L3773-01     | 1.204                  | 0.0      | 0.002    |        |
| CCV2         | 243.658                | 0.0      | 0.178    |        |
| CCB2         | 0.373                  | 0.0      | 0.001    |        |
| L3773-03     | -0.036                 | 0.0      | 0.001    |        |
| L3780-01     | 0.946                  | 0.0      | 0.002    |        |
| L3780-09     | 0.340                  | 0.0      | 0.001    |        |
| L3780-17     | 0.213                  | 0.0      | 0.001    |        |
| PB131192BL   | 0.201                  | 0.0      | 0.001    |        |
| PB131192BS   | 99.390                 | 0.0      | 0.073    |        |
| PB131192LOW  | 10.972                 | 0.0      | 0.009    |        |
| PB131192HIGH | 491.622                | 0.0      | 0.358    |        |
| L3784-01     | 0.216                  | 0.0      | 0.001    |        |
| L3784-01DUP  | -0.049                 | 0.0      | 0.001    |        |
| CCV3         | 243.678                | 0.0      | 0.178    |        |
| CCB3         | 0.534                  | 0.0      | 0.001    |        |
| L3784-01MS   | 41.698                 | 0.0      | 0.031    |        |
| L3784-01MSD  | 42.082                 | 0.0      | 0.032    |        |
| L3784-04     | 0.984                  | 0.0      | 0.002    |        |
| L3784-07     | 0.402                  | 0.0      | 0.001    |        |
| L3784-10     | 0.504                  | 0.0      | 0.001    |        |
| L3784-13     | 0.508                  | 0.0      | 0.001    |        |
| L3784-16     | 0.148                  | 0.0      | 0.001    |        |
| L3785-01     | -0.361                 | 0.0      | 0.001    |        |
| L3785-04     | 0.202                  | 0.0      | 0.001    |        |
| CCV4         | 246.875                | 0.0      | 0.180    |        |
| CCB4         | 0.571                  | 0.0      | 0.001    |        |
| PB131163LOW  | 9.887                  | 0.0      | 0.008    |        |
| PB131163HIGH | 499.178                | 0.0      | 0.364    |        |
| CCV5         | 247.415                | 0.0      | 0.181    |        |
| CCB5         | 0.530                  | 0.0      | 0.001    |        |

N 41  
 Mean 66.852  
 SD 127.0659  
 CV% 190.07

Aquakem v. 7.2AQ1

Results from time period:

Tue Aug 25 13:08:06 2020

Tue Aug 25 14:01:09 2020

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN     | A          | Total CN   | P         | -0.5408  | µg/l        | 8/25/2020 10:39:10   |      |
| 5.0PPBCN     | A          | Total CN   | P         | 4.9101   | µg/l        | 8/25/2020 10:39:11   |      |
| 10PPBCN      | A          | Total CN   | P         | 10.0209  | µg/l        | 8/25/2020 10:39:12   |      |
| 50PPBCN      | A          | Total CN   | P         | 50.7358  | µg/l        | 8/25/2020 10:39:13   |      |
| 100PPBCN     | A          | Total CN   | P         | 101.512  | µg/l        | 8/25/2020 10:39:14   |      |
| 250PPBCN     | A          | Total CN   | P         | 247.475  | µg/l        | 8/25/2020 10:39:15   |      |
| 500PPBCN     | A          | Total CN   | P         | 500.887  | µg/l        | 8/25/2020 10:39:16   |      |
| ICV1         | S          | Total CN   | P         | 98.3954  | µg/l        | 8/25/2020 13:08:06   |      |
| ICB1         | S          | Total CN   | P         | 0.6927   | µg/l        | 8/25/2020 13:08:07   |      |
| CCV1         | S          | Total CN   | P         | 243.99   | µg/l        | 8/25/2020 13:08:08   |      |
| CCB1         | S          | Total CN   | P         | 0.3061   | µg/l        | 8/25/2020 13:08:09   |      |
| PB131163BL   | S          | Total CN   | P         | 0.5686   | µg/l        | 8/25/2020 13:08:10   |      |
| PB131163BS   | S          | Total CN   | P         | 100.0876 | µg/l        | 8/25/2020 13:08:11   |      |
| L3772-02     | S          | Total CN   | P         | 3.4247   | µg/l        | 8/25/2020 13:08:14   |      |
| L3772-02DUP  | S          | Total CN   | P         | 2.8183   | µg/l        | 8/25/2020 13:08:15   |      |
| L3772-02MS   | S          | Total CN   | P         | 45.625   | µg/l        | 8/25/2020 13:08:16   |      |
| L3772-02MSD  | S          | Total CN   | P         | 45.9787  | µg/l        | 8/25/2020 13:15:38   |      |
| L3772-05     | S          | Total CN   | P         | 15.1786  | µg/l        | 8/25/2020 13:15:41   |      |
| L3773-01     | S          | Total CN   | P         | 1.2036   | µg/l        | 8/25/2020 13:15:42   |      |
| CCV2         | S          | Total CN   | P         | 243.6581 | µg/l        | 8/25/2020 13:15:43   |      |
| CCB2         | S          | Total CN   | P         | 0.3733   | µg/l        | 8/25/2020 13:15:44   |      |
| L3773-03     | S          | Total CN   | P         | -0.0357  | µg/l        | 8/25/2020 13:15:45   |      |
| L3780-01     | S          | Total CN   | P         | 0.9455   | µg/l        | 8/25/2020 13:15:46   |      |
| L3780-09     | S          | Total CN   | P         | 0.3401   | µg/l        | 8/25/2020 13:15:47   |      |
| L3780-17     | S          | Total CN   | P         | 0.2134   | µg/l        | 8/25/2020 13:15:48   |      |
| PB131192BL   | S          | Total CN   | P         | 0.2006   | µg/l        | 8/25/2020 13:23:13   |      |
| PB131192BS   | S          | Total CN   | P         | 99.3905  | µg/l        | 8/25/2020 13:23:14   |      |
| PB131192LOW  | S          | Total CN   | P         | 10.9721  | µg/l        | 8/25/2020 13:23:15   |      |
| PB131192HIGH | S          | Total CN   | P         | 491.6216 | µg/l        | 8/25/2020 13:23:16   |      |
| L3784-01     | S          | Total CN   | P         | 0.2157   | µg/l        | 8/25/2020 13:23:17   |      |
| L3784-01DUP  | S          | Total CN   | P         | -0.0493  | µg/l        | 8/25/2020 13:23:18   |      |
| CCV3         | S          | Total CN   | P         | 243.6784 | µg/l        | 8/25/2020 13:23:19   |      |
| CCB3         | S          | Total CN   | P         | 0.5339   | µg/l        | 8/25/2020 13:23:20   |      |
| L3784-01MS   | S          | Total CN   | P         | 41.6977  | µg/l        | 8/25/2020 13:23:21   |      |
| L3784-01MSD  | S          | Total CN   | P         | 42.082   | µg/l        | 8/25/2020 13:23:22   |      |
| L3784-04     | S          | Total CN   | P         | 0.9835   | µg/l        | 8/25/2020 13:28:01   |      |
| L3784-07     | S          | Total CN   | P         | 0.4021   | µg/l        | 8/25/2020 13:28:02   |      |
| L3784-10     | S          | Total CN   | P         | 0.5041   | µg/l        | 8/25/2020 13:28:03   |      |
| L3784-13     | S          | Total CN   | P         | 0.5084   | µg/l        | 8/25/2020 13:28:04   |      |
| L3784-16     | S          | Total CN   | P         | 0.1475   | µg/l        | 8/25/2020 13:34:25   |      |
| L3785-01     | S          | Total CN   | P         | -0.3614  | µg/l        | 8/25/2020 13:34:26   |      |
| L3785-04     | S          | Total CN   | P         | 0.2021   | µg/l        | 8/25/2020 13:34:27   |      |

|              |   |          |   |               |                    |
|--------------|---|----------|---|---------------|--------------------|
| CCV4         | S | Total CN | P | 246.8749 µg/l | 8/25/2020 13:34:28 |
| CCB4         | S | Total CN | P | 0.5712 µg/l   | 8/25/2020 13:34:29 |
| PB131163LOW  | S | Total CN | P | 9.8867 µg/l   | 8/25/2020 14:01:01 |
| PB131163HIGH | S | Total CN | P | 499.178 µg/l  | 8/25/2020 14:01:02 |
| CCV5         | S | Total CN | P | 247.4153 µg/l | 8/25/2020 14:01:07 |
| CCB5         | S | Total CN | P | 0.5303 µg/l   | 8/25/2020 14:01:08 |

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

Instrument ID : Konelab

8/25/2020 10:43

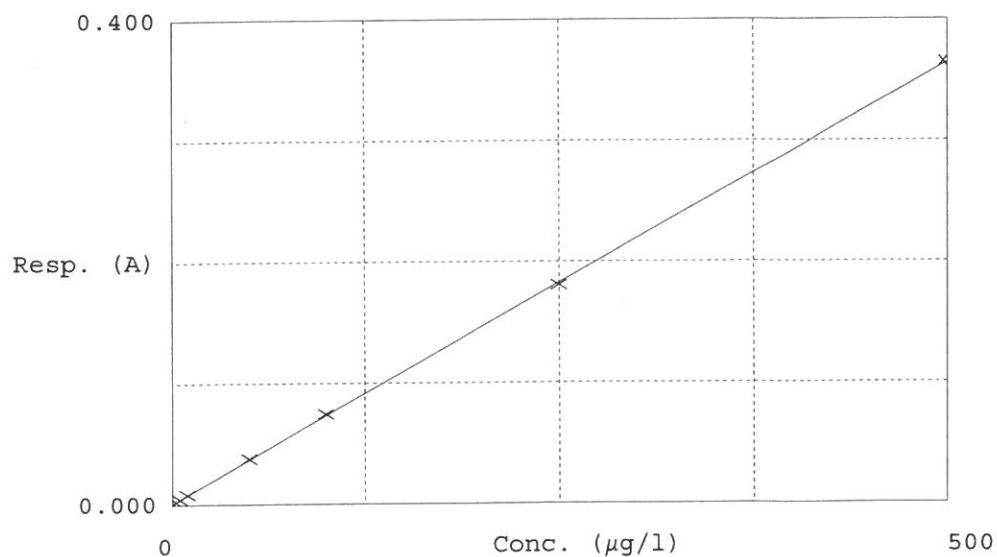
Test Total CN

Accepted 8/25/2020 10:43

Factor 1376  
 Bias 0.001

Coeff. of det. 0.999950

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.001    | -0.5408    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.005    | 4.9101     | 5.0000   |        |
| 3 | 10PPBCN    | 0.008    | 10.0209    | 10.0000  |        |
| 4 | 50PPBCN    | 0.038    | 50.7358    | 50.0000  |        |
| 5 | 100PPBCN   | 0.075    | 101.5120   | 100.0000 |        |
| 6 | 250PPBCN   | 0.181    | 247.4750   | 250.0000 |        |
| 7 | 500PPBCN   | 0.365    | 500.8870   | 500.0000 |        |