

UB 87862

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

6/5/2017 14:06

Test: Total CN

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 94.115  | 0.0      | 0.092    |        |
| ICB1        | -0.080  | 0.0      | 0.004    |        |
| CCV1        | 240.877 | 0.0      | 0.231    |        |
| CCB1        | -0.020  | 0.0      | 0.004    |        |
| PB99438BL   | -0.164  | 0.0      | 0.004    |        |
| PB99438BS   | 97.035  | 0.0      | 0.095    |        |
| LOWPB99438  | 10.085  | 0.0      | 0.013    |        |
| HIGHPB99438 | 486.989 | 0.0      | 0.462    |        |
| I3440-01    | 0.660   | 0.0      | 0.004    |        |
| I3440-01DUP | 0.188   | 0.0      | 0.004    |        |
| I3440-01MS  | 35.914  | 0.0      | 0.038    |        |
| I3440-01MSD | 35.273  | 0.0      | 0.037    |        |
| I3440-03    | 0.049   | 0.0      | 0.004    |        |
| I3440-05    | 0.017   | 0.0      | 0.004    |        |
| CCV2        | 240.073 | 0.0      | 0.230    |        |
| CCB2        | 0.362   | 0.0      | 0.004    |        |
| I3441-01    | 0.328   | 0.0      | 0.004    |        |
| I3441-03    | 0.656   | 0.0      | 0.004    |        |
| I3441-05    | -0.189  | 0.0      | 0.004    |        |
| I3441-07    | 0.492   | 0.0      | 0.004    |        |
| I3441-09    | 1.072   | 0.0      | 0.005    |        |
| I3441-11    | 0.349   | 0.0      | 0.004    |        |
| PB99439BL   | 0.123   | 0.0      | 0.004    |        |
| PB99439BS   | 96.235  | 0.0      | 0.094    |        |
| I3442-01    | 2.655   | 0.0      | 0.006    |        |
| I3442-01DUP | 2.126   | 0.0      | 0.006    |        |
| CCV3        | 241.661 | 0.0      | 0.231    |        |
| CCB3        | 0.278   | 0.0      | 0.004    |        |
| I3442-01MS  | 37.397  | 0.0      | 0.039    |        |
| I3442-01MSD | 37.807  | 0.0      | 0.039    |        |
| I3443-01    | 0.345   | 0.0      | 0.004    |        |
| I3444-01    | 1.729   | 0.0      | 0.005    |        |
| I3444-03    | 1.301   | 0.0      | 0.005    |        |
| I3444-05    | 0.141   | 0.0      | 0.004    |        |
| I3444-07    | 0.341   | 0.0      | 0.004    |        |
| CCV4        | 249.466 | 0.0      | 0.239    |        |
| CCB4        | 0.361   | 0.0      | 0.004    |        |

|      |          |
|------|----------|
| N    | 37       |
| Mean | 51.785   |
| SD   | 106.3594 |
| CV%  | 205.39   |

LB 87862

Aquakem v. 7.2AQ1

Results from time period:

Mon Jun 05 12:36:00 2017

Mon Jun 05 14:04:46 2017

AL

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN    | A          | Total CN   | P         | -0.3699  | µg/l        | 6/5/2017 12:36:00    |      |
| 5.OPPBCN    | A          | Total CN   | P         | 4.5383   | µg/l        | 6/5/2017 12:36:01    |      |
| 10PPBCN     | A          | Total CN   | P         | 9.3963   | µg/l        | 6/5/2017 12:36:02    |      |
| 50PPBCN     | A          | Total CN   | P         | 49.0581  | µg/l        | 6/5/2017 12:36:03    |      |
| 100PPBCN    | A          | Total CN   | P         | 100.0616 | µg/l        | 6/5/2017 12:36:04    |      |
| 250PPBCN    | A          | Total CN   | P         | 254.4341 | µg/l        | 6/5/2017 12:36:05    |      |
| 500PPBCN    | A          | Total CN   | P         | 497.8815 | µg/l        | 6/5/2017 12:36:06    |      |
| ICV1        | S          | Total CN   | P         | 94.1155  | µg/l        | 6/5/2017 13:44:18    |      |
| ICB1        | S          | Total CN   | P         | -0.0801  | µg/l        | 6/5/2017 13:44:19    |      |
| CCV1        | S          | Total CN   | P         | 240.8773 | µg/l        | 6/5/2017 13:44:20    |      |
| CCB1        | S          | Total CN   | P         | -0.0205  | µg/l        | 6/5/2017 13:44:21    |      |
| PB99438BL   | S          | Total CN   | P         | -0.1641  | µg/l        | 6/5/2017 13:44:22    |      |
| PB99438BS   | S          | Total CN   | P         | 97.0354  | µg/l        | 6/5/2017 13:44:23    |      |
| LOWPB99438  | S          | Total CN   | P         | 10.0845  | µg/l        | 6/5/2017 13:44:24    |      |
| HIGHPB99438 | S          | Total CN   | P         | 486.9886 | µg/l        | 6/5/2017 13:44:25    |      |
| I3440-01    | S          | Total CN   | P         | 0.6599   | µg/l        | 6/5/2017 13:44:26    |      |
| I3440-01DUP | S          | Total CN   | P         | 0.1876   | µg/l        | 6/5/2017 13:44:27    |      |
| I3440-01MS  | S          | Total CN   | P         | 35.9141  | µg/l        | 6/5/2017 13:44:28    |      |
| I3440-01MSD | S          | Total CN   | P         | 35.2732  | µg/l        | 6/5/2017 13:51:53    |      |
| I3440-03    | S          | Total CN   | P         | 0.0487   | µg/l        | 6/5/2017 13:51:54    |      |
| I3440-05    | S          | Total CN   | P         | 0.0167   | µg/l        | 6/5/2017 13:51:55    |      |
| CCV2        | S          | Total CN   | P         | 240.073  | µg/l        | 6/5/2017 13:51:56    |      |
| CCB2        | S          | Total CN   | P         | 0.3624   | µg/l        | 6/5/2017 13:51:57    |      |
| I3441-01    | S          | Total CN   | P         | 0.3275   | µg/l        | 6/5/2017 13:51:58    |      |
| I3441-03    | S          | Total CN   | P         | 0.6561   | µg/l        | 6/5/2017 13:51:59    |      |
| I3441-05    | S          | Total CN   | P         | -0.1893  | µg/l        | 6/5/2017 13:52:00    |      |
| I3441-07    | S          | Total CN   | P         | 0.4922   | µg/l        | 6/5/2017 13:52:01    |      |
| I3441-09    | S          | Total CN   | P         | 1.0716   | µg/l        | 6/5/2017 13:52:02    |      |
| I3441-11    | S          | Total CN   | P         | 0.3489   | µg/l        | 6/5/2017 13:52:03    |      |
| PB99439BL   | S          | Total CN   | P         | 0.1227   | µg/l        | 6/5/2017 13:59:25    |      |
| PB99439BS   | S          | Total CN   | P         | 96.2349  | µg/l        | 6/5/2017 13:59:26    |      |
| I3442-01    | S          | Total CN   | P         | 2.6546   | µg/l        | 6/5/2017 13:59:27    |      |
| I3442-01DUP | S          | Total CN   | P         | 2.1265   | µg/l        | 6/5/2017 13:59:28    |      |
| CCV3        | S          | Total CN   | P         | 241.6609 | µg/l        | 6/5/2017 13:59:29    |      |
| CCB3        | S          | Total CN   | P         | 0.2782   | µg/l        | 6/5/2017 13:59:30    |      |
| I3442-01MS  | S          | Total CN   | P         | 37.3967  | µg/l        | 6/5/2017 13:59:31    |      |
| I3442-01MSD | S          | Total CN   | P         | 37.8067  | µg/l        | 6/5/2017 13:59:32    |      |
| I3443-01    | S          | Total CN   | P         | 0.3447   | µg/l        | 6/5/2017 13:59:33    |      |
| I3444-01    | S          | Total CN   | P         | 1.7293   | µg/l        | 6/5/2017 13:59:34    |      |
| I3444-03    | S          | Total CN   | P         | 1.3011   | µg/l        | 6/5/2017 13:59:35    |      |
| I3444-05    | S          | Total CN   | P         | 0.1414   | µg/l        | 6/5/2017 14:04:41    |      |
| I3444-07    | S          | Total CN   | P         | 0.3411   | µg/l        | 6/5/2017 14:04:42    |      |

AK

|      |   |          |   |               |                   |
|------|---|----------|---|---------------|-------------------|
| CCV4 | S | Total CN | P | 249.4663 µg/l | 6/5/2017 14:04:43 |
| CCB4 | S | Total CN | P | 0.361 µg/l    | 6/5/2017 14:04:44 |

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

6/5/2017 12:57

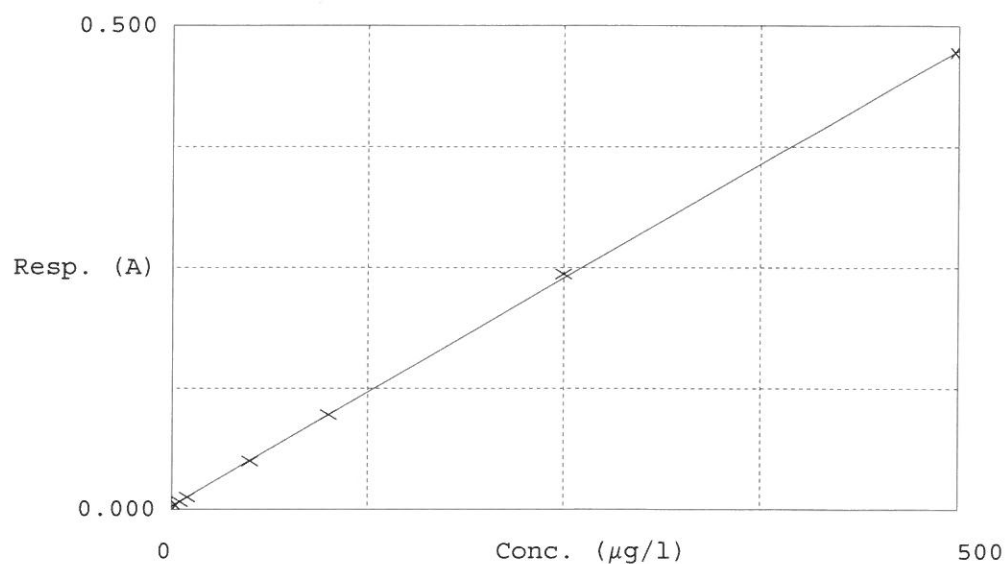
Test Total CN

Accepted 6/5/2017 12:57

Factor 1062  
Bias 0.004

Coeff. of det. 0.999875

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | -0.3699    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 4.5383     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 9.3963     | 10.0000  |        |
| 4 | 50PPBCN    | 0.050    | 49.0581    | 50.0000  |        |
| 5 | 100PPBCN   | 0.098    | 100.0616   | 100.0000 |        |
| 6 | 250PPBCN   | 0.243    | 254.4341   | 250.0000 |        |
| 7 | 500PPBCN   | 0.473    | 497.8815   | 500.0000 |        |