

1397130

Test results

Aquakem 7.2AQ1

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

8/6/2018 13:01

Test: Total CN Mg/l

| Sample Id    | Result  | Dil. 1 + | Response | Errors          |
|--------------|---------|----------|----------|-----------------|
| ICV1         | 99.667  | 0.0      | 0.092    |                 |
| ICB1         | 0.228   | 0.0      | 0.004    |                 |
| CCV1         | 248.683 | 0.0      | 0.225    |                 |
| CCB1         | 0.435   | 0.0      | 0.004    |                 |
| PB111795BL   | 0.009   | 0.0      | 0.004    |                 |
| PB111795BS   | 100.267 | 0.0      | 0.093    |                 |
| LOWPB111795  | 10.409  | 0.0      | 0.013    |                 |
| HGIHPB111795 | 504.520 | 0.0      | 0.452    | Test limit high |
| J4277-01     | 1.295   | 0.0      | 0.005    |                 |
| J4277-01DUP  | 0.300   | 0.0      | 0.004    |                 |
| J4277-01MS   | 36.387  | 0.0      | 0.036    |                 |
| J4277-01MSD  | 36.299  | 0.0      | 0.036    |                 |
| J4277-03     | 0.012   | 0.0      | 0.004    |                 |
| J4283-01     | 0.635   | 0.0      | 0.004    |                 |
| CCV2         | 252.234 | 0.0      | 0.228    |                 |
| CCB2         | 0.285   | 0.0      | 0.004    |                 |
| J4327-01     | 0.328   | 0.0      | 0.004    |                 |
| J4335-01     | 0.323   | 0.0      | 0.004    |                 |
| J4345-01     | 0.973   | 0.0      | 0.005    |                 |
| J4347-01     | 0.913   | 0.0      | 0.005    |                 |
| J4348-01     | 2.020   | 0.0      | 0.005    |                 |
| CCV3         | 249.871 | 0.0      | 0.226    |                 |
| CCB3         | -0.591  | 0.0      | 0.003    |                 |

N 23  
Mean 67.196  
SD 128.1575  
CV% 190.72

Aquakem v. 7.2AQ1

AS

Results from time period:

Mon Aug 06 12:50:36 2018

Mon Aug 06 13:01:35 2018

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN     | A          | Total CN   | P         | -0.7431  | µg/l        | 8/6/2018 8:03:28     |      |
| 5.0PPBCN     | A          | Total CN   | P         | 4.6402   | µg/l        | 8/6/2018 8:03:29     |      |
| 10PPBCN      | A          | Total CN   | P         | 9.6796   | µg/l        | 8/6/2018 8:03:30     |      |
| 50PPBCN      | A          | Total CN   | P         | 50.6098  | µg/l        | 8/6/2018 8:03:31     |      |
| 100PPBCN     | A          | Total CN   | P         | 101.2701 | µg/l        | 8/6/2018 8:03:32     |      |
| 250PPBCN     | A          | Total CN   | P         | 249.6965 | µg/l        | 8/6/2018 8:03:33     |      |
| 500PPBCN     | A          | Total CN   | P         | 499.8467 | µg/l        | 8/6/2018 8:03:34     |      |
| ICV1         | S          | Total CN   | P         | 99.6666  | µg/l        | 8/6/2018 12:50:36    |      |
| ICB1         | S          | Total CN   | P         | 0.2281   | µg/l        | 8/6/2018 12:50:37    |      |
| CCV1         | S          | Total CN   | P         | 248.6832 | µg/l        | 8/6/2018 12:50:38    |      |
| CCB1         | S          | Total CN   | P         | 0.4349   | µg/l        | 8/6/2018 12:50:39    |      |
| PB111795BL   | S          | Total CN   | P         | 0.0086   | µg/l        | 8/6/2018 12:50:40    |      |
| PB111795BS   | S          | Total CN   | P         | 100.267  | µg/l        | 8/6/2018 12:50:41    |      |
| LOWPB111795  | S          | Total CN   | P         | 10.4085  | µg/l        | 8/6/2018 12:50:42    |      |
| HGIHPB111795 | S          | Total CN   | P         | 504.5196 | µg/l        | 8/6/2018 12:50:43    |      |
| J4277-01     | S          | Total CN   | P         | 1.2947   | µg/l        | 8/6/2018 12:50:44    |      |
| J4277-01DUP  | S          | Total CN   | P         | 0.3      | µg/l        | 8/6/2018 12:50:45    |      |
| J4277-01MS   | S          | Total CN   | P         | 36.3868  | µg/l        | 8/6/2018 12:50:46    |      |
| J4277-01MSD  | S          | Total CN   | P         | 36.2993  | µg/l        | 8/6/2018 12:58:11    |      |
| J4277-03     | S          | Total CN   | P         | 0.0124   | µg/l        | 8/6/2018 12:58:12    |      |
| J4283-01     | S          | Total CN   | P         | 0.6349   | µg/l        | 8/6/2018 12:58:13    |      |
| CCV2         | S          | Total CN   | P         | 252.2341 | µg/l        | 8/6/2018 12:58:14    |      |
| CCB2         | S          | Total CN   | P         | 0.2854   | µg/l        | 8/6/2018 12:58:15    |      |
| J4327-01     | S          | Total CN   | P         | 0.3276   | µg/l        | 8/6/2018 12:58:16    |      |
| J4335-01     | S          | Total CN   | P         | 0.3227   | µg/l        | 8/6/2018 12:58:17    |      |
| J4345-01     | S          | Total CN   | P         | 0.9734   | µg/l        | 8/6/2018 12:58:18    |      |
| J4347-01     | S          | Total CN   | P         | 0.9126   | µg/l        | 8/6/2018 12:58:19    |      |
| J4348-01     | S          | Total CN   | P         | 2.0196   | µg/l        | 8/6/2018 12:58:20    |      |
| CCV3         | S          | Total CN   | P         | 249.8711 | µg/l        | 8/6/2018 12:58:21    |      |
| CCB3         | S          | Total CN   | P         | -0.5906  | µg/l        | 8/6/2018 13:01:34    |      |

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284 Sheffield Street,  
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Reviewed by : AS

8/6/2018 8:05

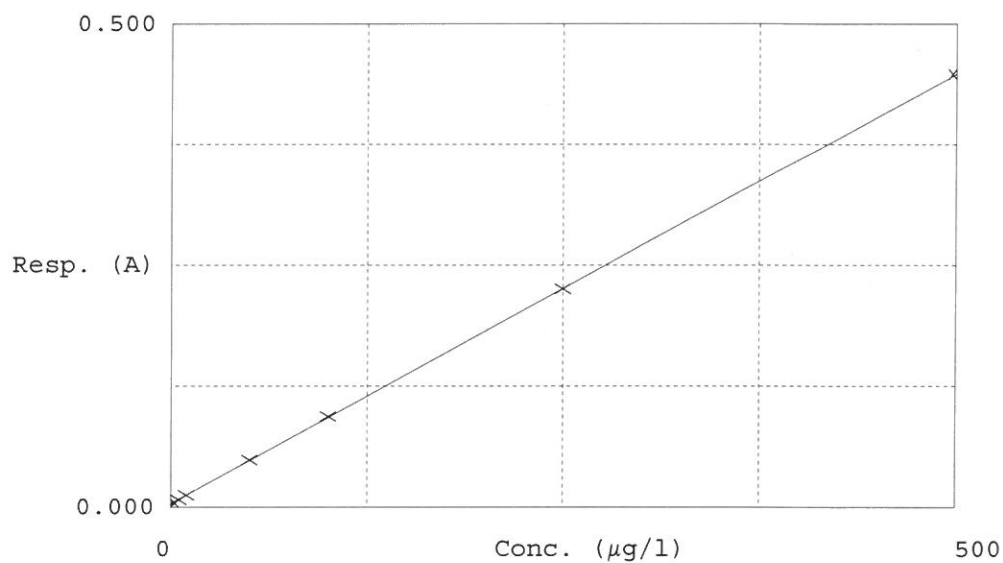
Test Total CN

Accepted 8/6/2018 8:05

Factor 1126  
Bias 0.004

Coeff. of det. 0.999986

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | -0.7431    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 4.6402     | 5.0000   |        |
| 3 | 10PPBCN    | 0.012    | 9.6796     | 10.0000  |        |
| 4 | 50PPBCN    | 0.049    | 50.6098    | 50.0000  |        |
| 5 | 100PPBCN   | 0.094    | 101.2701   | 100.0000 |        |
| 6 | 250PPBCN   | 0.226    | 249.6965   | 250.0000 |        |
| 7 | 500PPBCN   | 0.448    | 499.8467   | 500.0000 |        |