

2894438

Test results

Aquakem 7.2AQ1

Page: 1

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

4/6/2018 13:30

Test: *Reactive*  
*Total* CNMg/d

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 94.831  | 0.0      | 0.094    |        |
| ICB1        | 0.452   | 0.0      | 0.004    |        |
| CCV1        | 240.121 | 0.0      | 0.232    |        |
| CCB1        | 0.721   | 0.0      | 0.004    |        |
| PB108008BL  | 1.177   | 0.0      | 0.004    |        |
| J2151-02    | -0.108  | 0.0      | 0.003    |        |
| J2151-02DUP | 0.622   | 0.0      | 0.004    |        |
| J2151-06    | 0.779   | 0.0      | 0.004    |        |
| J2153-02    | 1.091   | 0.0      | 0.004    |        |
| J2153-04    | 0.826   | 0.0      | 0.004    |        |
| J2153-06    | 0.678   | 0.0      | 0.004    |        |
| J2166-02    | 0.919   | 0.0      | 0.004    |        |
| J2214-03    | 0.949   | 0.0      | 0.004    |        |
| J2223-04    | -0.238  | 0.0      | 0.003    |        |
| CCV2        | 241.382 | 0.0      | 0.233    |        |
| CCB2        | -0.611  | 0.0      | 0.003    |        |
| J2228-03    | 0.909   | 0.0      | 0.004    |        |
| J2231-03    | 1.042   | 0.0      | 0.004    |        |
| J2232-03    | 0.951   | 0.0      | 0.004    |        |
| J2237-02    | 1.358   | 0.0      | 0.005    |        |
| J2151-04    | 0.942   | 0.0      | 0.004    |        |
| PB108050BL  | 1.054   | 0.0      | 0.004    |        |
| J2247-05    | 0.253   | 0.0      | 0.003    |        |
| J2247-05DUP | 1.031   | 0.0      | 0.004    |        |
| PB108051BL  | 0.127   | 0.0      | 0.003    |        |
| J2164-02    | 0.065   | 0.0      | 0.003    |        |
| CCV3        | 236.380 | 0.0      | 0.229    |        |
| CCB3        | 0.734   | 0.0      | 0.004    |        |
| J2164-02DUP | 0.978   | 0.0      | 0.004    |        |
| J2165-02    | 1.050   | 0.0      | 0.004    |        |
| J2248-02    | 1.112   | 0.0      | 0.004    |        |
| J2248-04    | 1.426   | 0.0      | 0.005    |        |
| J2248-06    | 1.290   | 0.0      | 0.004    |        |
| J2254-02    | 1.024   | 0.0      | 0.004    |        |
| J2257-03    | 1.374   | 0.0      | 0.005    |        |
| J2258-02    | -0.586  | 0.0      | 0.003    |        |
| CCV4        | 251.688 | 0.0      | 0.243    |        |
| CCB4        | 1.221   | 0.0      | 0.004    |        |
| N           | 38      |          |          |        |
| Mean        | 28.658  |          |          |        |
| SD          | 75.8656 |          |          |        |
| CV%         | 264.72  |          |          |        |

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Aquakem v. 7.2AQ1

Results from time period:

Fri Apr 06 12:35:28 2018

Fri Apr 06 13:30:02 2018

| Sample Id   | Sam/Ctr/c/ | Test short nam | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|----------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN    | A          | Reactive CN    | P         | 0.1756   | µg/l        | 4/6/2018 12:35:28    |      |
| 5.OPPBCN    | A          | Reactive CN    | P         | 5.6916   | µg/l        | 4/6/2018 12:35:29    |      |
| 10PPBCN     | A          | Reactive CN    | P         | 9.6164   | µg/l        | 4/6/2018 12:35:30    |      |
| 50PPBCN     | A          | Reactive CN    | P         | 50.0135  | µg/l        | 4/6/2018 12:35:31    |      |
| 100PPBCN    | A          | Reactive CN    | P         | 99.2608  | µg/l        | 4/6/2018 12:35:32    |      |
| 250PPBCN    | A          | Reactive CN    | P         | 250.1898 | µg/l        | 4/6/2018 12:35:33    |      |
| 500PPBCN    | A          | Reactive CN    | P         | 500.0523 | µg/l        | 4/6/2018 12:35:34    |      |
| ICV1        | S          | Reactive CN    | P         | 94.8312  | µg/l        | 4/6/2018 13:10:04    |      |
| ICB1        | S          | Reactive CN    | P         | 0.4518   | µg/l        | 4/6/2018 13:10:05    |      |
| CCV1        | S          | Reactive CN    | P         | 240.1206 | µg/l        | 4/6/2018 13:10:06    |      |
| CCB1        | S          | Reactive CN    | P         | 0.7211   | µg/l        | 4/6/2018 13:10:07    |      |
| PB108008BL  | S          | Reactive CN    | P         | 1.1768   | µg/l        | 4/6/2018 13:10:08    |      |
| J2151-02    | S          | Reactive CN    | P         | -0.1084  | µg/l        | 4/6/2018 13:10:09    |      |
| J2151-02DUP | S          | Reactive CN    | P         | 0.6223   | µg/l        | 4/6/2018 13:10:10    |      |
| J2151-06    | S          | Reactive CN    | P         | 0.7793   | µg/l        | 4/6/2018 13:10:11    |      |
| J2153-02    | S          | Reactive CN    | P         | 1.0911   | µg/l        | 4/6/2018 13:10:12    |      |
| J2153-04    | S          | Reactive CN    | P         | 0.8256   | µg/l        | 4/6/2018 13:10:13    |      |
| J2153-06    | S          | Reactive CN    | P         | 0.6782   | µg/l        | 4/6/2018 13:10:14    |      |
| J2166-02    | S          | Reactive CN    | P         | 0.9185   | µg/l        | 4/6/2018 13:17:38    |      |
| J2214-03    | S          | Reactive CN    | P         | 0.9491   | µg/l        | 4/6/2018 13:17:39    |      |
| J2223-04    | S          | Reactive CN    | P         | -0.2377  | µg/l        | 4/6/2018 13:17:40    |      |
| CCV2        | S          | Reactive CN    | P         | 241.3823 | µg/l        | 4/6/2018 13:17:41    |      |
| CCB2        | S          | Reactive CN    | P         | -0.6111  | µg/l        | 4/6/2018 13:17:42    |      |
| J2228-03    | S          | Reactive CN    | P         | 0.9094   | µg/l        | 4/6/2018 13:17:43    |      |
| J2231-03    | S          | Reactive CN    | P         | 1.0421   | µg/l        | 4/6/2018 13:17:44    |      |
| J2232-03    | S          | Reactive CN    | P         | 0.9511   | µg/l        | 4/6/2018 13:17:45    |      |
| J2237-02    | S          | Reactive CN    | P         | 1.3585   | µg/l        | 4/6/2018 13:17:46    |      |
| J2151-04    | S          | Reactive CN    | P         | 0.9421   | µg/l        | 4/6/2018 13:17:47    |      |
| PB108050BL  | S          | Reactive CN    | P         | 1.0542   | µg/l        | 4/6/2018 13:17:48    |      |
| J2247-05    | S          | Reactive CN    | P         | 0.2526   | µg/l        | 4/6/2018 13:25:11    |      |
| J2247-05DUP | S          | Reactive CN    | P         | 1.0311   | µg/l        | 4/6/2018 13:25:12    |      |
| PB108051BL  | S          | Reactive CN    | P         | 0.1274   | µg/l        | 4/6/2018 13:25:13    |      |
| J2164-02    | S          | Reactive CN    | P         | 0.0649   | µg/l        | 4/6/2018 13:25:14    |      |
| CCV3        | S          | Reactive CN    | P         | 236.3798 | µg/l        | 4/6/2018 13:25:15    |      |
| CCB3        | S          | Reactive CN    | P         | 0.7342   | µg/l        | 4/6/2018 13:25:16    |      |
| J2164-02DUP | S          | Reactive CN    | P         | 0.9783   | µg/l        | 4/6/2018 13:25:17    |      |
| J2165-02    | S          | Reactive CN    | P         | 1.0504   | µg/l        | 4/6/2018 13:25:18    |      |
| J2248-02    | S          | Reactive CN    | P         | 1.112    | µg/l        | 4/6/2018 13:25:19    |      |
| J2248-04    | S          | Reactive CN    | P         | 1.4265   | µg/l        | 4/6/2018 13:25:20    |      |
| J2248-06    | S          | Reactive CN    | P         | 1.2899   | µg/l        | 4/6/2018 13:25:21    |      |
| J2254-02    | S          | Reactive CN    | P         | 1.0244   | µg/l        | 4/6/2018 13:29:58    |      |
| J2257-03    | S          | Reactive CN    | P         | 1.3743   | µg/l        | 4/6/2018 13:29:59    |      |

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|          |   |             |   |               |                   |
|----------|---|-------------|---|---------------|-------------------|
| J2258-02 | S | Reactive CN | P | -0.5864 µg/l  | 4/6/2018 13:30:00 |
| CCV4     | S | Reactive CN | P | 251.6883 µg/l | 4/6/2018 13:30:01 |
| CCB4     | S | Reactive CN | P | 1.2208 µg/l   | 4/6/2018 13:30:02 |

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4/6/2018 12:36

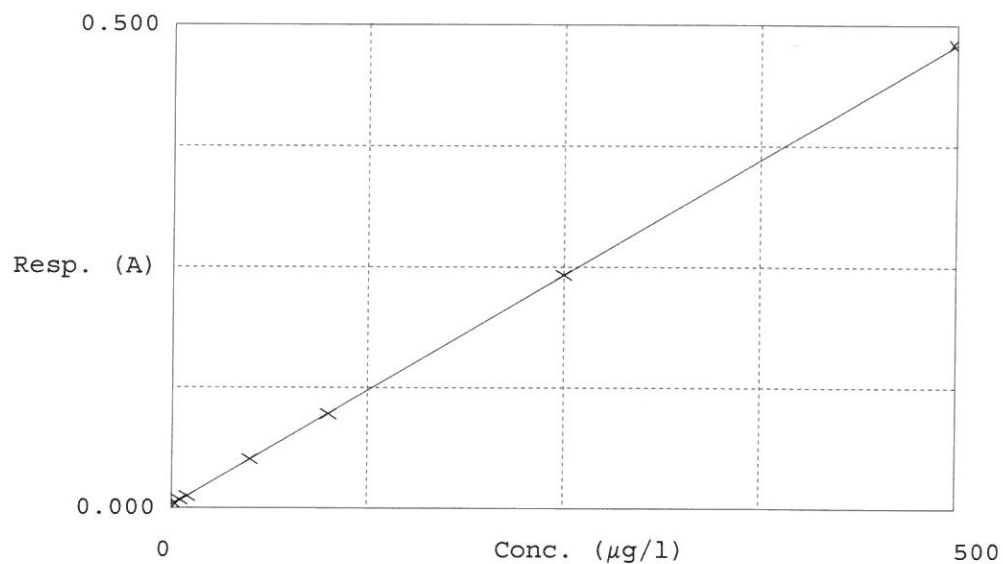
Test Total CN

Accepted 4/6/2018 12:36

Factor 1049  
Bias 0.003

Coeff. of det. 0.999994

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | 0.1756     | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.009    | 5.6916     | 5.0000   |        |
| 3 | 10PPBCN    | 0.012    | 9.6164     | 10.0000  |        |
| 4 | 50PPBCN    | 0.051    | 50.0135    | 50.0000  |        |
| 5 | 100PPBCN   | 0.098    | 99.2608    | 100.0000 |        |
| 6 | 250PPBCN   | 0.242    | 250.1898   | 250.0000 |        |
| 7 | 500PPBCN   | 0.480    | 500.0523   | 500.0000 |        |