

LB92258

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

12/19/2017 15:14

Test: Reactive mg/l  
~~Total~~ CN

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 97.357  | 0.0      | 0.088    |        |
| ICB1        | -0.176  | 0.0      | 0.004    |        |
| CCV1        | 250.011 | 0.0      | 0.219    |        |
| CCB1        | -0.097  | 0.0      | 0.004    |        |
| PB105161BL  | -0.236  | 0.0      | 0.004    |        |
| I6676-09    | -0.909  | 0.0      | 0.004    |        |
| I6676-09DUP | -1.067  | 0.0      | 0.003    |        |
| I6682-02    | -0.531  | 0.0      | 0.004    |        |
| I6682-06    | -0.530  | 0.0      | 0.004    |        |
| I6973-03    | 0.850   | 0.0      | 0.005    |        |
| I6975-02    | 0.509   | 0.0      | 0.005    |        |
| I6975-04    | -0.047  | 0.0      | 0.004    |        |
| I6981-13    | -0.098  | 0.0      | 0.004    |        |
| CCV2        | 249.134 | 0.0      | 0.219    |        |
| CCB2        | 0.769   | 0.0      | 0.005    |        |
| I6981-14    | -0.733  | 0.0      | 0.004    |        |
| I6981-15    | -0.813  | 0.0      | 0.004    |        |
| I6981-16    | -1.049  | 0.0      | 0.003    |        |
| PB105162BL  | -0.202  | 0.0      | 0.004    |        |
| I6983-02    | -0.862  | 0.0      | 0.004    |        |
| I6983-02DUP | -0.932  | 0.0      | 0.003    |        |
| I6682-04    | -1.025  | 0.0      | 0.003    |        |
| CCV3        | 264.135 | 0.0      | 0.231    |        |
| CCB3        | 0.054   | 0.0      | 0.004    |        |

|      |         |
|------|---------|
| N    | 24      |
| Mean | 35.563  |
| SD   | 86.8470 |
| CV%  | 244.21  |

AS

Aquakem v. 7.2AQ1

Results from time period:

Tue Dec 19 14:37:29 2017

Tue Dec 19 15:13:16 2017

| Sample Id   | Sam/Ctr/c/ | Test short na | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|---------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN    | A          | Reactive CN   | P         | -1.1094  | µg/l        | 12/19/2017 12:03:04  |      |
| 5.OPPBCN    | A          | Reactive CN   | P         | 4.1562   | µg/l        | 12/19/2017 12:03:05  |      |
| 10PPBCN     | A          | Reactive CN   | P         | 9.058    | µg/l        | 12/19/2017 12:03:06  |      |
| 50PPBCN     | A          | Reactive CN   | P         | 50.1612  | µg/l        | 12/19/2017 12:03:07  |      |
| 100PPBCN    | A          | Reactive CN   | P         | 101.2183 | µg/l        | 12/19/2017 12:03:08  |      |
| 250PPBCN    | A          | Reactive CN   | P         | 253.4962 | µg/l        | 12/19/2017 12:03:09  |      |
| 500PPBCN    | A          | Reactive CN   | P         | 498.0194 | µg/l        | 12/19/2017 12:03:10  |      |
| ICV1        | S          | Reactive CN   | P         | 97.3572  | µg/l        | 12/19/2017 14:37:30  |      |
| ICB1        | S          | Reactive CN   | P         | -0.1757  | µg/l        | 12/19/2017 14:37:31  |      |
| CCV1        | S          | Reactive CN   | P         | 250.0113 | µg/l        | 12/19/2017 14:37:34  |      |
| CCB1        | S          | Reactive CN   | P         | -0.0975  | µg/l        | 12/19/2017 14:37:35  |      |
| PB105161BL  | S          | Reactive CN   | P         | -0.2359  | µg/l        | 12/19/2017 14:37:37  |      |
| I6676-09    | S          | Reactive CN   | P         | -0.9095  | µg/l        | 12/19/2017 14:37:38  |      |
| I6676-09DUP | S          | Reactive CN   | P         | -1.0668  | µg/l        | 12/19/2017 14:37:39  |      |
| I6682-02    | S          | Reactive CN   | P         | -0.531   | µg/l        | 12/19/2017 14:45:00  |      |
| I6682-06    | S          | Reactive CN   | P         | -0.53    | µg/l        | 12/19/2017 14:45:02  |      |
| I6973-03    | S          | Reactive CN   | P         | 0.8499   | µg/l        | 12/19/2017 14:45:03  |      |
| I6975-02    | S          | Reactive CN   | P         | 0.5088   | µg/l        | 12/19/2017 14:45:04  |      |
| I6975-04    | S          | Reactive CN   | P         | -0.0466  | µg/l        | 12/19/2017 14:45:05  |      |
| I6981-13    | S          | Reactive CN   | P         | -0.0976  | µg/l        | 12/19/2017 14:45:06  |      |
| CCV2        | S          | Reactive CN   | P         | 249.1344 | µg/l        | 12/19/2017 14:45:07  |      |
| CCB2        | S          | Reactive CN   | P         | 0.7685   | µg/l        | 12/19/2017 14:45:08  |      |
| I6981-14    | S          | Reactive CN   | P         | -0.7329  | µg/l        | 12/19/2017 14:45:09  |      |
| I6981-15    | S          | Reactive CN   | P         | -0.8126  | µg/l        | 12/19/2017 14:45:10  |      |
| I6981-16    | S          | Reactive CN   | P         | -1.049   | µg/l        | 12/19/2017 14:50:15  |      |
| PB105162BL  | S          | Reactive CN   | P         | -0.202   | µg/l        | 12/19/2017 14:50:16  |      |
| I6983-02    | S          | Reactive CN   | P         | -0.8617  | µg/l        | 12/19/2017 14:50:17  |      |
| I6983-02DUP | S          | Reactive CN   | P         | -0.9321  | µg/l        | 12/19/2017 14:50:18  |      |
| I6682-04    | S          | Reactive CN   | P         | -1.0251  | µg/l        | 12/19/2017 15:13:14  |      |
| CCV3        | S          | Reactive CN   | P         | 264.1354 | µg/l        | 12/19/2017 15:13:15  |      |
| CCB3        | S          | Reactive CN   | P         | 0.0543   | µg/l        | 12/19/2017 15:13:16  |      |

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

12/19/2017 12:08

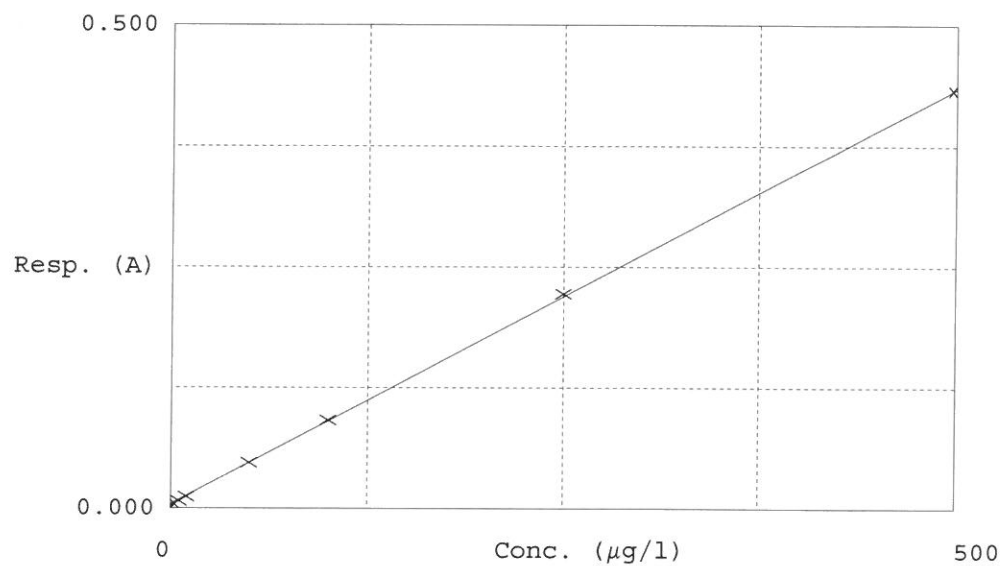
Test Total CN

Accepted 12/19/2017 12:08

Factor 1163  
Bias 0.004

Coeff. of det. 0.999900

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | -1.1094    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 4.1562     | 5.0000   |        |
| 3 | 10PPBCN    | 0.012    | 9.0580     | 10.0000  |        |
| 4 | 50PPBCN    | 0.047    | 50.1612    | 50.0000  |        |
| 5 | 100PPBCN   | 0.091    | 101.2183   | 100.0000 |        |
| 6 | 250PPBCN   | 0.222    | 253.4962   | 250.0000 |        |
| 7 | 500PPBCN   | 0.433    | 498.0194   | 500.0000 |        |