

LB 88274

Test results

Aquakem 7.2AQ1

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

6/22/2017 11:07

Test: <sup>Reactive</sup> Total CN

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 94.907  | 0.0      | 0.090    |        |
| ICB1        | -0.074  | 0.0      | 0.004    |        |
| CCV1        | 242.619 | 0.0      | 0.223    |        |
| CCB1        | 0.117   | 0.0      | 0.004    |        |
| PB100027BL  | -0.095  | 0.0      | 0.004    |        |
| I3792-03    | -0.704  | 0.0      | 0.004    |        |
| I3792-03DUP | -0.720  | 0.0      | 0.004    |        |
| I3799-16    | -0.539  | 0.0      | 0.004    |        |
| I3799-17    | -0.536  | 0.0      | 0.004    |        |
| I3799-18    | -0.442  | 0.0      | 0.004    |        |
| I3799-19    | 1.300   | 0.0      | 0.005    |        |
| I3799-20    | -0.525  | 0.0      | 0.004    |        |
| I3799-21    | -0.769  | 0.0      | 0.004    |        |
| I3799-22    | -0.666  | 0.0      | 0.004    |        |
| CCV2        | 248.619 | 0.0      | 0.229    |        |
| CCB2        | 0.162   | 0.0      | 0.004    |        |
| I3802-03    | -0.675  | 0.0      | 0.004    |        |
| CCV3        | 251.230 | 0.0      | 0.231    |        |
| CCB3        | -0.197  | 0.0      | 0.004    |        |

|      |         |
|------|---------|
| N    | 19      |
| Mean | 43.843  |
| SD   | 93.1795 |
| CV%  | 212.53  |

CB 88274

Aquakem v. 7.2AQ1

Results from time period:

Thu Jun 22 10:54:31 2017

AK

Thu Jun 22 11:00:49 2017

| Sample Id   | Sam/Ctr/c/ | Test short    | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|---------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN    | A          | Reactive Cl P |           | -0.2067  | µg/l        | 6/22/2017 9:14:32    |      |
| 5.OPPBCN    | A          | Reactive Cl P |           | 4.3479   | µg/l        | 6/22/2017 9:14:33    |      |
| 10PPBCN     | A          | Reactive Cl P |           | 9.1887   | µg/l        | 6/22/2017 9:14:34    |      |
| 50PPBCN     | A          | Reactive Cl P |           | 50.2168  | µg/l        | 6/22/2017 9:14:35    |      |
| 100PPBCN    | A          | Reactive Cl P |           | 101.5617 | µg/l        | 6/22/2017 9:14:36    |      |
| 250PPBCN    | A          | Reactive Cl P |           | 250.4059 | µg/l        | 6/22/2017 9:14:37    |      |
| 500PPBCN    | A          | Reactive Cl P |           | 499.4858 | µg/l        | 6/22/2017 9:14:38    |      |
| ICV1        | S          | Reactive Cl P |           | 94.907   | µg/l        | 6/22/2017 10:54:31   |      |
| ICB1        | S          | Reactive Cl P |           | -0.0738  | µg/l        | 6/22/2017 10:54:32   |      |
| CCV1        | S          | Reactive Cl P |           | 242.6194 | µg/l        | 6/22/2017 10:54:33   |      |
| CCB1        | S          | Reactive Cl P |           | 0.1168   | µg/l        | 6/22/2017 10:54:34   |      |
| PB100027BL  | S          | Reactive Cl P |           | -0.0947  | µg/l        | 6/22/2017 10:54:35   |      |
| I3792-03    | S          | Reactive Cl P |           | -0.7039  | µg/l        | 6/22/2017 10:54:36   |      |
| I3792-03DUP | S          | Reactive Cl P |           | -0.7199  | µg/l        | 6/22/2017 10:54:37   |      |
| I3799-16    | S          | Reactive Cl P |           | -0.5392  | µg/l        | 6/22/2017 10:54:38   |      |
| I3799-17    | S          | Reactive Cl P |           | -0.5361  | µg/l        | 6/22/2017 10:54:39   |      |
| I3799-18    | S          | Reactive Cl P |           | -0.442   | µg/l        | 6/22/2017 10:54:40   |      |
| I3799-19    | S          | Reactive Cl P |           | 1.2997   | µg/l        | 6/22/2017 10:54:41   |      |
| I3799-20    | S          | Reactive Cl P |           | -0.5247  | µg/l        | 6/22/2017 11:00:42   |      |
| I3799-21    | S          | Reactive Cl P |           | -0.7693  | µg/l        | 6/22/2017 11:00:43   |      |
| I3799-22    | S          | Reactive Cl P |           | -0.6665  | µg/l        | 6/22/2017 11:00:44   |      |
| CCV2        | S          | Reactive Cl P |           | 248.619  | µg/l        | 6/22/2017 11:00:45   |      |
| CCB2        | S          | Reactive Cl P |           | 0.1622   | µg/l        | 6/22/2017 11:00:46   |      |
| I3802-03    | S          | Reactive Cl P |           | -0.6752  | µg/l        | 6/22/2017 11:00:47   |      |
| CCV3        | S          | Reactive Cl P |           | 251.2305 | µg/l        | 6/22/2017 11:00:48   |      |
| CCB3        | S          | Reactive Cl P |           | -0.1972  | µg/l        | 6/22/2017 11:00:49   |      |

# Calibration results

Aquakem 7.2AQ1

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284 Sheffield Street,  
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6/22/2017 9:22

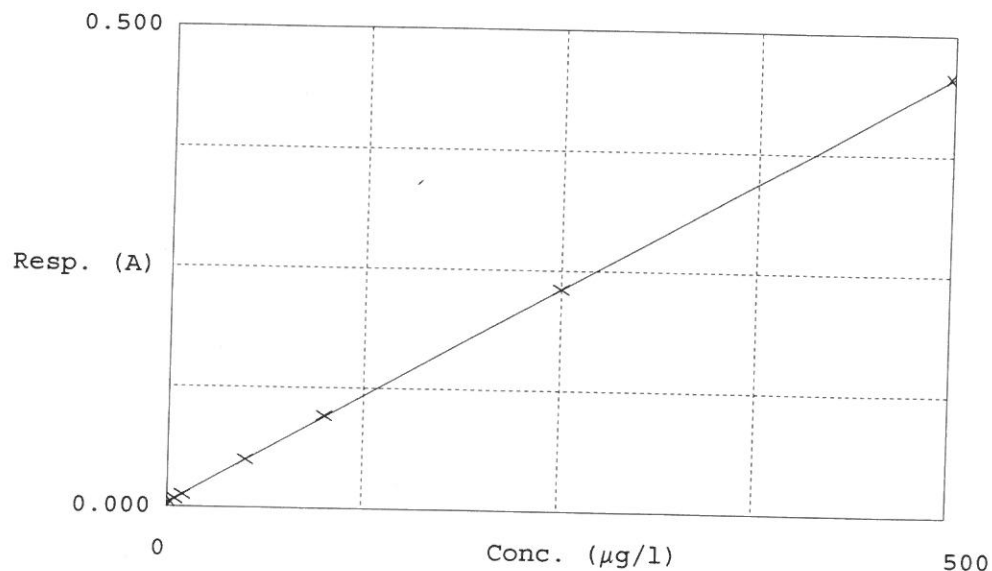
Test Total CN

Accepted 6/22/2017 9:22

Factor 1107  
Bias 0.004

Coeff. of det. 0.999980

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.004    | -0.2067    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 4.3479     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 9.1887     | 10.0000  |        |
| 4 | 50PPBCN    | 0.050    | 50.2168    | 50.0000  |        |
| 5 | 100PPBCN   | 0.096    | 101.5617   | 100.0000 |        |
| 6 | 250PPBCN   | 0.231    | 250.4059   | 250.0000 |        |
| 7 | 500PPBCN   | 0.456    | 499.4858   | 500.0000 |        |