

LB89308

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

8/7/2017 13:21

Test: Total CN

| Sample Id    | Result  | Dil. 1 + | Response | Errors |
|--------------|---------|----------|----------|--------|
| ICV1         | 95.763  | 0.0      | 0.095    |        |
| ICB1         | -0.125  | 0.0      | 0.004    |        |
| CCV1         | 240.712 | 0.0      | 0.231    |        |
| CCB1         | -0.130  | 0.0      | 0.004    |        |
| PB101284BL   | -0.306  | 0.0      | 0.004    |        |
| PB101284BS   | 95.870  | 0.0      | 0.095    |        |
| LOWPB101284  | 9.606   | 0.0      | 0.013    |        |
| HIGHPB101284 | 490.696 | 0.0      | 0.467    |        |
| I4608-01     | 0.472   | 0.0      | 0.005    |        |
| I4608-01DUP  | -0.267  | 0.0      | 0.004    |        |
| I4608-01MS   | 37.347  | 0.0      | 0.039    |        |
| I4608-01MSD  | 37.071  | 0.0      | 0.039    |        |
| I4608-02     | -0.425  | 0.0      | 0.004    |        |
| I4608-03     | 0.002   | 0.0      | 0.004    |        |
| CCV2         | 242.707 | 0.0      | 0.233    |        |
| CCB2         | -0.050  | 0.0      | 0.004    |        |
| I4610-01     | 0.153   | 0.0      | 0.004    |        |
| I4610-04     | -0.129  | 0.0      | 0.004    |        |
| I4610-07     | 0.397   | 0.0      | 0.005    |        |
| I4610-10     | -0.261  | 0.0      | 0.004    |        |
| I4610-13     | 0.214   | 0.0      | 0.004    |        |
| I4611-01     | 0.432   | 0.0      | 0.005    |        |
| I4611-04     | -0.373  | 0.0      | 0.004    |        |
| I4611-07     | -0.056  | 0.0      | 0.004    |        |
| I4613-01     | 0.401   | 0.0      | 0.005    |        |
| CCV3         | 248.145 | 0.0      | 0.238    |        |
| CCB3         | -0.166  | 0.0      | 0.004    |        |

|      |          |
|------|----------|
| N    | 27       |
| Mean | 55.470   |
| SD   | 117.2365 |
| CV%  | 211.35   |

Aquakem v. 7.2AQ1

Results from time period:

Mon Aug 07 11:50:19 2017

Mon Aug 07 13:11:31 2017

AK

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.0PPBCN     | A          | Total CN   | P         | -0.7641  | µg/l        | 8/7/2017 12:17:44    |      |
| 5.0PPBCN     | A          | Total CN   | P         | 4.7176   | µg/l        | 8/7/2017 12:17:45    |      |
| 10PPBCN      | A          | Total CN   | P         | 9.511    | µg/l        | 8/7/2017 12:17:46    |      |
| 50PPBCN      | A          | Total CN   | P         | 49.2306  | µg/l        | 8/7/2017 12:17:47    |      |
| 100PPBCN     | A          | Total CN   | P         | 102.1277 | µg/l        | 8/7/2017 12:17:48    |      |
| 250PPBCN     | A          | Total CN   | P         | 251.0264 | µg/l        | 8/7/2017 12:17:49    |      |
| 500PPBCN     | A          | Total CN   | P         | 499.1508 | µg/l        | 8/7/2017 12:17:50    |      |
| ICV1         | S          | Total CN   | P         | 95.7628  | µg/l        | 8/7/2017 12:58:10    |      |
| ICB1         | S          | Total CN   | P         | -0.1255  | µg/l        | 8/7/2017 12:58:11    |      |
| CCV1         | S          | Total CN   | P         | 240.7117 | µg/l        | 8/7/2017 12:58:12    |      |
| CCB1         | S          | Total CN   | P         | -0.1301  | µg/l        | 8/7/2017 12:58:13    |      |
| PB101284BL   | S          | Total CN   | P         | -0.306   | µg/l        | 8/7/2017 12:58:14    |      |
| PB101284BS   | S          | Total CN   | P         | 95.8704  | µg/l        | 8/7/2017 12:58:15    |      |
| LOWPB101284  | S          | Total CN   | P         | 9.6058   | µg/l        | 8/7/2017 12:58:16    |      |
| HIGHPB101284 | S          | Total CN   | P         | 490.6964 | µg/l        | 8/7/2017 12:58:17    |      |
| I4608-01     | S          | Total CN   | P         | 0.4722   | µg/l        | 8/7/2017 12:58:18    |      |
| I4608-01DUP  | S          | Total CN   | P         | -0.2668  | µg/l        | 8/7/2017 12:58:19    |      |
| I4608-01MS   | S          | Total CN   | P         | 37.3469  | µg/l        | 8/7/2017 12:58:20    |      |
| I4608-01MSD  | S          | Total CN   | P         | 37.0713  | µg/l        | 8/7/2017 13:05:42    |      |
| I4608-02     | S          | Total CN   | P         | -0.4251  | µg/l        | 8/7/2017 13:05:43    |      |
| I4608-03     | S          | Total CN   | P         | 0.0022   | µg/l        | 8/7/2017 13:05:44    |      |
| CCV2         | S          | Total CN   | P         | 242.7071 | µg/l        | 8/7/2017 13:05:45    |      |
| CCB2         | S          | Total CN   | P         | -0.0495  | µg/l        | 8/7/2017 13:05:46    |      |
| I4610-01     | S          | Total CN   | P         | 0.1534   | µg/l        | 8/7/2017 13:05:47    |      |
| I4610-04     | S          | Total CN   | P         | -0.1294  | µg/l        | 8/7/2017 13:05:48    |      |
| I4610-07     | S          | Total CN   | P         | 0.3966   | µg/l        | 8/7/2017 13:05:49    |      |
| I4610-10     | S          | Total CN   | P         | -0.2608  | µg/l        | 8/7/2017 13:05:50    |      |
| I4610-13     | S          | Total CN   | P         | 0.2142   | µg/l        | 8/7/2017 13:05:51    |      |
| I4611-01     | S          | Total CN   | P         | 0.4319   | µg/l        | 8/7/2017 13:05:52    |      |
| I4611-04     | S          | Total CN   | P         | -0.3734  | µg/l        | 8/7/2017 13:11:25    |      |
| I4611-07     | S          | Total CN   | P         | -0.056   | µg/l        | 8/7/2017 13:11:26    |      |
| I4613-01     | S          | Total CN   | P         | 0.4007   | µg/l        | 8/7/2017 13:11:27    |      |
| CCV3         | S          | Total CN   | P         | 248.1451 | µg/l        | 8/7/2017 13:11:28    |      |
| CCB3         | S          | Total CN   | P         | -0.1664  | µg/l        | 8/7/2017 13:11:29    |      |

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

8/7/2017 12:19

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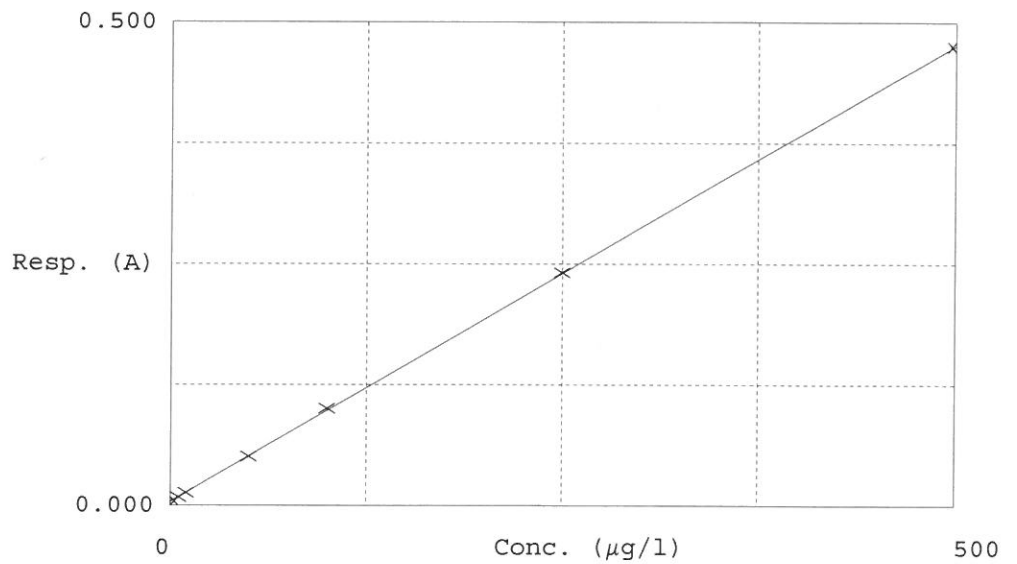
Test      Total CN

Accepted                      8/7/2017      12:19

Factor                      1060  
 Bias                        0.004

Coeff. of det.              0.999962

Errors



|       | Calibrator | Response | Calc. con. | Conc.    | Errors |
|-------|------------|----------|------------|----------|--------|
| ----- |            |          |            |          |        |
| 1     | 0.0PPBCN   | 0.004    | -0.7641    | 0.0000   |        |
| 2     | 5.0PPBCN   | 0.009    | 4.7176     | 5.0000   |        |
| 3     | 10PPBCN    | 0.013    | 9.5110     | 10.0000  |        |
| 4     | 50PPBCN    | 0.051    | 49.2306    | 50.0000  |        |
| 5     | 100PPBCN   | 0.101    | 102.1277   | 100.0000 |        |
| 6     | 250PPBCN   | 0.241    | 251.0264   | 250.0000 |        |
| 7     | 500PPBCN   | 0.475    | 499.1508   | 500.0000 |        |