

21398250

Test results

Aquakem 7.2AQ1

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

10/1/2018 10:01

Test: Total CN ug/L

| Sample Id       | Result   | Dil. 1 + | Response | Errors          |
|-----------------|----------|----------|----------|-----------------|
| ICV1            | 93.255   | 0.0      | 0.080    |                 |
| ICB1            | 1.497    | 0.0      | 0.004    |                 |
| CCV1            | 230.611  | 0.0      | 0.195    |                 |
| CCB1            | 2.177    | 0.0      | 0.004    |                 |
| PB113289BL      | 2.709    | 0.0      | 0.005    |                 |
| PB113289BS      | 97.048   | 0.0      | 0.083    |                 |
| HIGHPB113289    | 512.312  | 0.0      | 0.430    | Test limit high |
| J5083-01        | 2777.206 | 0.0      | 2.318    | Test limit high |
| J5083-03        | 3717.156 | 0.0      | 3.102    | Test limit high |
| J5101-01        | 2.381    | 0.0      | 0.004    |                 |
| J5101-01DUP     | 2.438    | 0.0      | 0.004    |                 |
| J5101-01MS      | 39.284   | 0.0      | 0.035    |                 |
| CCV2            | 234.518  | 0.0      | 0.198    |                 |
| CCB2            | 2.421    | 0.0      | 0.004    |                 |
| J5101-01MSD     | 42.404   | 0.0      | 0.038    |                 |
| J5083-01DLX10   | 4288.530 | 0.0      | 3.579    | Test limit high |
| J5083-03DLX10   | 341.037  | 0.0      | 0.287    |                 |
| CCV3            | 237.727  | 0.0      | 0.201    |                 |
| CCB3            | 2.020    | 0.0      | 0.004    |                 |
| LOWPB113289     | 11.498   | 0.0      | 0.012    |                 |
| J5083-02        | 41.761   | 0.0      | 0.037    |                 |
| J5083-01DLX2100 | 425.910  | 0.0      | 0.358    |                 |
| CCV4            | 236.167  | 0.0      | 0.199    |                 |
| CCB4            | 1.207    | 0.0      | 0.003    |                 |

|      |           |
|------|-----------|
| N    | 24        |
| Mean | 555.970   |
| SD   | 1203.3859 |
| CV%  | 216.45    |

Aquakem v. 7.2AQ1

Results from time period:

Mon Oct 01 07:58:38 2018

Mon Oct 01 09:53:06 2018

✓ AS

| Sample Id       | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|-----------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN        | A          | Total CN   | P         | 1.0266   | µg/l        | 10/1/2018 8:24:52    |      |
| 5.OPPBCN        | A          | Total CN   | P         | 5.4589   | µg/l        | 10/1/2018 8:24:53    |      |
| 10PPBCN         | A          | Total CN   | P         | 12.1625  | µg/l        | 10/1/2018 8:24:54    |      |
| 50PPBCN         | A          | Total CN   | P         | 51.3466  | µg/l        | 10/1/2018 8:24:55    |      |
| 100PPBCN        | A          | Total CN   | P         | 97.6198  | µg/l        | 10/1/2018 8:24:56    |      |
| 250PPBCN        | A          | Total CN   | P         | 244.1841 | µg/l        | 10/1/2018 8:24:57    |      |
| 500PPBCN        | A          | Total CN   | P         | 503.2015 | µg/l        | 10/1/2018 8:24:58    |      |
| ICV1            | S          | Total CN   | P         | 93.2549  | µg/l        | 10/1/2018 8:58:57    |      |
| ICB1            | S          | Total CN   | P         | 1.4973   | µg/l        | 10/1/2018 8:58:58    |      |
| CCV1            | S          | Total CN   | P         | 230.6106 | µg/l        | 10/1/2018 8:58:59    |      |
| CCB1            | S          | Total CN   | P         | 2.1772   | µg/l        | 10/1/2018 8:59:00    |      |
| PB113289BL      | S          | Total CN   | P         | 2.7089   | µg/l        | 10/1/2018 8:59:01    |      |
| PB113289BS      | S          | Total CN   | P         | 97.048   | µg/l        | 10/1/2018 8:59:02    |      |
| HIGHPB113289    | S          | Total CN   | P         | 512.3124 | µg/l        | 10/1/2018 8:59:04    |      |
| J5083-01        | S          | Total CN   | P         | 2777.206 | µg/l        | 10/1/2018 8:59:05    |      |
| J5083-03        | S          | Total CN   | P         | 3717.156 | µg/l        | 10/1/2018 8:59:07    |      |
| J5101-01        | S          | Total CN   | P         | 2.3808   | µg/l        | 10/1/2018 9:06:04    |      |
| J5101-01DUP     | S          | Total CN   | P         | 2.4379   | µg/l        | 10/1/2018 9:06:05    |      |
| J5101-01MS      | S          | Total CN   | P         | 39.2842  | µg/l        | 10/1/2018 9:06:06    |      |
| CCV2            | S          | Total CN   | P         | 234.518  | µg/l        | 10/1/2018 9:06:07    |      |
| CCB2            | S          | Total CN   | P         | 2.4212   | µg/l        | 10/1/2018 9:06:08    |      |
| J5101-01MSD     | S          | Total CN   | P         | 42.404   | µg/l        | 10/1/2018 9:06:09    |      |
| J5083-01DLX10   | S          | Total CN   | P         | 4288.53  | µg/l        | 10/1/2018 9:06:10    |      |
| J5083-03DLX10   | S          | Total CN   | P         | 341.0366 | µg/l        | 10/1/2018 9:06:11    |      |
| CCV3            | S          | Total CN   | P         | 237.727  | µg/l        | 10/1/2018 9:06:12    |      |
| CCB3            | S          | Total CN   | P         | 2.0205   | µg/l        | 10/1/2018 9:06:13    |      |
| LOWPB113289     | S          | Total CN   | P         | 11.4977  | µg/l        | 10/1/2018 9:36:52    |      |
| J5083-02        | S          | Total CN   | P         | 41.7614  | µg/l        | 10/1/2018 9:36:54    |      |
| J5083-01DLX2100 | S          | Total CN   | P         | 425.9102 | µg/l        | 10/1/2018 9:36:55    |      |
| CCV4            | S          | Total CN   | P         | 236.1665 | µg/l        | 10/1/2018 9:53:05    |      |
| CCB4            | S          | Total CN   | P         | 1.207    | µg/l        | 10/1/2018 9:53:06    |      |

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Reviewed by : As

10/1/2018 8:28

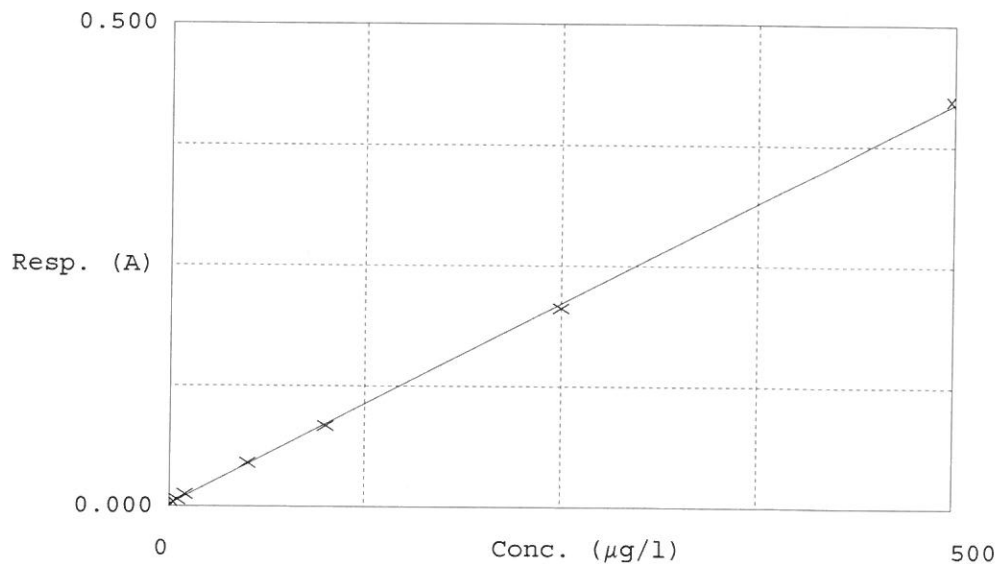
Test Total CN

Accepted 10/1/2018 8:28

Factor 1199  
Bias 0.002

Coeff. of det. 0.999720

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | 1.0266     | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.007    | 5.4589     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 12.1625    | 10.0000  |        |
| 4 | 50PPBCN    | 0.045    | 51.3466    | 50.0000  |        |
| 5 | 100PPBCN   | 0.084    | 97.6198    | 100.0000 |        |
| 6 | 250PPBCN   | 0.206    | 244.1841   | 250.0000 |        |
| 7 | 500PPBCN   | 0.422    | 503.2015   | 500.0000 |        |