

LB-25390

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

1/18/2017 12:04

Test: CNEPA-NEW

| Sample Id        | Result  | Dil. 1 + | Response | Errors |
|------------------|---------|----------|----------|--------|
| ICV ICV          | 93.449  | 0.0      | 0.104    |        |
| ICB ICB          | 0.990   | 0.0      | 0.007    |        |
| CCV001 CCV001    | 234.927 | 0.0      | 0.253    |        |
| CCB001 CCB001    | 1.196   | 0.0      | 0.007    |        |
| PB96067BL PBS006 | 0.811   | 0.0      | 0.006    |        |
| I1133-01 ME5BL5  | 1.224   | 0.0      | 0.007    |        |
| I1133-02 ME5BL6  | 2.494   | 0.0      | 0.008    |        |
| I1133-03 ME5BL7  | 2.189   | 0.0      | 0.008    |        |
| I1133-04 ME5BL8  | 1.265   | 0.0      | 0.007    |        |
| I1133-05 ME5BL9  | 1.623   | 0.0      | 0.007    |        |
| I1133-06 ME5BM0  | 2.810   | 0.0      | 0.009    |        |
| I1133-07 ME5BM1  | 1.769   | 0.0      | 0.007    |        |
| I1133-08 ME5BM2  | 2.898   | 0.0      | 0.009    |        |
| I1133-09 ME5BM3  | 3.839   | 0.0      | 0.010    |        |
| I1133-10 ME5BM4  | 4.150   | 0.0      | 0.010    |        |
| I1133-11 ME5BM5  | 3.667   | 0.0      | 0.009    |        |
| I1133-12 ME5BM6  | 0.696   | 0.0      | 0.006    |        |
| I1133-13 ME5BM7  | 1.913   | 0.0      | 0.008    |        |
| I1133-14 ME5BM8  | 3.194   | 0.0      | 0.009    |        |
| I1133-15 ME5BM9  | 1.820   | 0.0      | 0.008    |        |
| I1133-16 ME5BN0  | 2.554   | 0.0      | 0.008    |        |
| I1133-17 ME5BN1  | 5.588   | 0.0      | 0.012    |        |
| I1133-18 ME5BN2  | 1.316   | 0.0      | 0.007    |        |
| I1133-19 ME5BN3  | 11.016  | 0.0      | 0.017    |        |
| I1133-20 ME5BN4  | 3.859   | 0.0      | 0.010    |        |
| I1133-21 ME5BN4D | 3.716   | 0.0      | 0.010    |        |
| I1133-22 ME5BN4S | 85.914  | 0.0      | 0.096    |        |
| CCV002 CCV002    | 245.516 | 0.0      | 0.264    |        |
| CCB002 CCB002    | 1.012   | 0.0      | 0.007    |        |

|      |         |
|------|---------|
| N    | 29      |
| Mean | 25.083  |
| SD   | 63.7040 |
| CV%  | 253.97  |

Aquakem v. 7.2AQ1

Results from time period:

Wed Jan 18 11:28:11 2017

Wed Jan 18 11:42:04 2017



| Sample Id        | Sam/Ctr/c/ | Test short  | Test type | Result   | Result unit | Result date and time |
|------------------|------------|-------------|-----------|----------|-------------|----------------------|
| S0.0             | A          | CNEPA-NE\ P |           | 0.7594   | µg/l        | 1/18/2017 9:30:13    |
| S5.0             | A          | CNEPA-NE\ P |           | 5.5903   | µg/l        | 1/18/2017 9:30:14    |
| S10.0            | A          | CNEPA-NE\ P |           | 10.3057  | µg/l        | 1/18/2017 9:30:15    |
| S100.0           | A          | CNEPA-NE\ P |           | 100.3416 | µg/l        | 1/18/2017 9:30:16    |
| S250.0           | A          | CNEPA-NE\ P |           | 246.1666 | µg/l        | 1/18/2017 9:30:17    |
| S500.0           | A          | CNEPA-NE\ P |           | 501.8363 | µg/l        | 1/18/2017 9:30:18    |
| ICV ICV          | S          | CNEPA-NE\ P |           | 93.4487  | µg/l        | 1/18/2017 11:28:11   |
| ICB ICB          | S          | CNEPA-NE\ P |           | 0.9897   | µg/l        | 1/18/2017 11:28:12   |
| CCV001 CCV001    | S          | CNEPA-NE\ P |           | 234.9274 | µg/l        | 1/18/2017 11:28:13   |
| CCB001 CCB001    | S          | CNEPA-NE\ P |           | 1.1956   | µg/l        | 1/18/2017 11:28:14   |
| PB96067BL PBS006 | S          | CNEPA-NE\ P |           | 0.8108   | µg/l        | 1/18/2017 11:28:15   |
| I1133-01 ME5BL5  | S          | CNEPA-NE\ P |           | 1.2245   | µg/l        | 1/18/2017 11:28:16   |
| I1133-02 ME5BL6  | S          | CNEPA-NE\ P |           | 2.4941   | µg/l        | 1/18/2017 11:28:17   |
| I1133-03 ME5BL7  | S          | CNEPA-NE\ P |           | 2.189    | µg/l        | 1/18/2017 11:28:18   |
| I1133-04 ME5BL8  | S          | CNEPA-NE\ P |           | 1.2652   | µg/l        | 1/18/2017 11:28:19   |
| I1133-05 ME5BL9  | S          | CNEPA-NE\ P |           | 1.6228   | µg/l        | 1/18/2017 11:28:20   |
| I1133-06 ME5BM0  | S          | CNEPA-NE\ P |           | 2.8103   | µg/l        | 1/18/2017 11:28:21   |
| I1133-07 ME5BM1  | S          | CNEPA-NE\ P |           | 1.7694   | µg/l        | 1/18/2017 11:35:46   |
| I1133-08 ME5BM2  | S          | CNEPA-NE\ P |           | 2.8977   | µg/l        | 1/18/2017 11:35:47   |
| I1133-09 ME5BM3  | S          | CNEPA-NE\ P |           | 3.8392   | µg/l        | 1/18/2017 11:35:48   |
| I1133-10 ME5BM4  | S          | CNEPA-NE\ P |           | 4.1502   | µg/l        | 1/18/2017 11:35:49   |
| I1133-11 ME5BM5  | S          | CNEPA-NE\ P |           | 3.6666   | µg/l        | 1/18/2017 11:35:50   |
| I1133-12 ME5BM6  | S          | CNEPA-NE\ P |           | 0.696    | µg/l        | 1/18/2017 11:35:51   |
| I1133-13 ME5BM7  | S          | CNEPA-NE\ P |           | 1.9127   | µg/l        | 1/18/2017 11:35:52   |
| I1133-14 ME5BM8  | S          | CNEPA-NE\ P |           | 3.1941   | µg/l        | 1/18/2017 11:35:53   |
| I1133-15 ME5BM9  | S          | CNEPA-NE\ P |           | 1.82     | µg/l        | 1/18/2017 11:35:54   |
| I1133-16 ME5BN0  | S          | CNEPA-NE\ P |           | 2.554    | µg/l        | 1/18/2017 11:35:55   |
| I1133-17 ME5BN1  | S          | CNEPA-NE\ P |           | 5.5878   | µg/l        | 1/18/2017 11:35:56   |
| I1133-18 ME5BN2  | S          | CNEPA-NE\ P |           | 1.3157   | µg/l        | 1/18/2017 11:41:57   |
| I1133-19 ME5BN3  | S          | CNEPA-NE\ P |           | 11.016   | µg/l        | 1/18/2017 11:41:58   |
| I1133-20 ME5BN4  | S          | CNEPA-NE\ P |           | 3.8586   | µg/l        | 1/18/2017 11:41:59   |
| I1133-21 ME5BN4D | S          | CNEPA-NE\ P |           | 3.7165   | µg/l        | 1/18/2017 11:42:00   |
| I1133-22 ME5BN4S | S          | CNEPA-NE\ P |           | 85.9143  | µg/l        | 1/18/2017 11:42:01   |
| CCV002 CCV002    | S          | CNEPA-NE\ P |           | 245.5157 | µg/l        | 1/18/2017 11:42:02   |
| CCB002 CCB002    | S          | CNEPA-NE\ P |           | 1.0124   | µg/l        | 1/18/2017 11:42:03   |

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

1/18/2017 9:32

Test      CNEPA-NEW      Instrument ID : CN

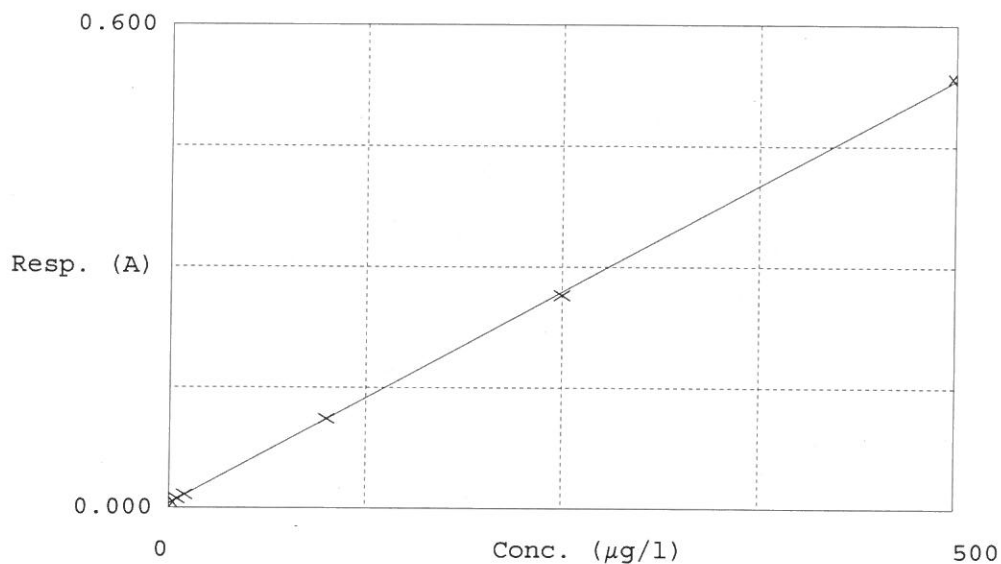
Accepted      1/18/2017      9:32

Factor (Slope) 949.6

Bias (Y-intercept) 0.006

Coeff. of det.      0.999903

Errors



|   | Calibrator             | Response | Calc. con. | Conc.    | Errors | Percentage |
|---|------------------------|----------|------------|----------|--------|------------|
| 1 | 0.0PPBCN <u>50.0</u>   | 0.006    | 0.7594     | 0.0000   |        |            |
| 2 | 5.0PPBCN <u>55.0</u>   | 0.012    | 5.5903     | 5.0000   |        | 111.86 %   |
| 3 | 10PPBCN <u>510.0</u>   | 0.016    | 10.3057    | 10.0000  |        | 103.1 %    |
| 4 | 100PPBCN <u>5100.0</u> | 0.111    | 100.3416   | 100.0000 |        | 111 %      |
| 5 | 250PPBCN <u>5250.0</u> | 0.265    | 246.1666   | 250.0000 |        | 98.4 %     |
| 6 | 500PPBCN <u>5500.6</u> | 0.534    | 501.8363   | 500.0000 |        | 100.2 %    |

AIC  
1/18/17