

Test results

Aquakem 7.2AQ1

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CHEMTECH CONSULTING GROUP INC  
284 Sheffield Street, Mountainside, NJ 07092

12/13/2021 16:28

Reviewed by : 12

Instrument ID : Konelab

Test: CNEPA-NEW

| Sample Id                              | Result  | Dil. 1 + | Response | Errors |
|----------------------------------------|---------|----------|----------|--------|
| ICV001 ICV001                          | 91.509  | 0.0      | 0.100    |        |
| ICB001 ICB001                          | 1.001   | 0.0      | 0.008    |        |
| CCV001 CCV001                          | 239.073 | 0.0      | 0.251    |        |
| CCB001 CCB001                          | 0.914   | 0.0      | 0.007    |        |
| <sup>12/14/21</sup> P B141364BL PBW364 | 1.066   | 0.0      | 0.008    |        |
| M5040-01 C00V3                         | 1.356   | 0.0      | 0.008    |        |
| M5040-02 C00V5                         | 1.119   | 0.0      | 0.008    |        |
| M5040-03 C00V7                         | 1.023   | 0.0      | 0.008    |        |
| M5040-04 C00V9                         | 0.769   | 0.0      | 0.007    |        |
| M5040-05 C00W1                         | 0.990   | 0.0      | 0.008    |        |
| M5040-06 C00W3                         | 1.171   | 0.0      | 0.008    |        |
| M5040-07 C00W5                         | 1.574   | 0.0      | 0.008    |        |
| M5040-08 C00W7                         | 1.304   | 0.0      | 0.008    |        |
| M5040-09 C00W9                         | 0.864   | 0.0      | 0.007    |        |
| M5040-10 C00W9D                        | 1.169   | 0.0      | 0.008    |        |
| M5040-11 <del>C00W9</del>              | 77.542  | 0.0      | 0.086    |        |
| M5040-12 C00X2                         | 4.437   | 0.0      | 0.011    |        |
| M5040-13 C00X4                         | 115.829 | 0.0      | 0.125    |        |
| M5040-14 C00X6                         | 3.953   | 0.0      | 0.011    |        |
| M5040-15 C00X8                         | 2.795   | 0.0      | 0.009    |        |
| M5040-16 C00Y0                         | 1.117   | 0.0      | 0.008    |        |
| M5040-17 C00Y2                         | 3.291   | 0.0      | 0.010    |        |
| M5040-18 C00Y4                         | 1.037   | 0.0      | 0.008    |        |
| M5040-19 C00Y6                         | 2.234   | 0.0      | 0.009    |        |
| M5040-20 C00Y8                         | 2.572   | 0.0      | 0.009    |        |
| M5040-21 C00Z0                         | 3.029   | 0.0      | 0.010    |        |
| M5040-22 C00Z2                         | 0.818   | 0.0      | 0.007    |        |
| <sup>12/14/21</sup> P B141370BL PBW370 | 0.942   | 0.0      | 0.008    |        |
| M5041-01 C00Z4                         | 1.105   | 0.0      | 0.008    |        |
| CCV002 CCV002                          | 250.320 | 0.0      | 0.263    |        |
| CCB002 CCB002                          | 1.218   | 0.0      | 0.008    |        |

N 31  
Mean 26.359  
SD 64.8530  
CV% 246.03

Aquakem v. 7.2AQ1

Results from time period:

Mon Dec 13 14:40:31 2021

Mon Dec 13 16:26:17 2021

| Sample Id         | Sam/Ctr/c/ | Test short  | Test type | Result   | Result unit | Result date and time |
|-------------------|------------|-------------|-----------|----------|-------------|----------------------|
| S0                | A          | CNEPA-NE\ P |           | 0.4398   | µg/l        | 12/13/2021 14:40:31  |
| S5.0              | A          | CNEPA-NE\ P |           | 4.7194   | µg/l        | 12/13/2021 14:40:32  |
| S10.0             | A          | CNEPA-NE\ P |           | 9.2296   | µg/l        | 12/13/2021 14:40:33  |
| S100.0            | A          | CNEPA-NE\ P |           | 98.1227  | µg/l        | 12/13/2021 14:40:34  |
| S250.0            | A          | CNEPA-NE\ P |           | 254.1897 | µg/l        | 12/13/2021 14:40:35  |
| S500.0            | A          | CNEPA-NE\ P |           | 498.2988 | µg/l        | 12/13/2021 14:40:36  |
| ICV001 ICV001     | S          | CNEPA-NE\ P |           | 91.5088  | µg/l        | 12/13/2021 15:42:36  |
| ICB001 ICB001     | S          | CNEPA-NE\ P |           | 1.0008   | µg/l        | 12/13/2021 15:42:38  |
| CCV001 CCV001     | S          | CNEPA-NE\ P |           | 239.0729 | µg/l        | 12/13/2021 15:42:41  |
| CCB001 CCB001     | S          | CNEPA-NE\ P |           | 0.9141   | µg/l        | 12/13/2021 15:42:43  |
| PB141364BL PBW364 | S          | CNEPA-NE\ P |           | 1.0656   | µg/l        | 12/13/2021 15:42:44  |
| M5040-01 C00V3    | S          | CNEPA-NE\ P |           | 1.3565   | µg/l        | 12/13/2021 15:42:45  |
| M5040-02 C00V5    | S          | CNEPA-NE\ P |           | 1.1193   | µg/l        | 12/13/2021 15:42:46  |
| M5040-03 C00V7    | S          | CNEPA-NE\ P |           | 1.023    | µg/l        | 12/13/2021 15:47:51  |
| M5040-04 C00V9    | S          | CNEPA-NE\ P |           | 0.7687   | µg/l        | 12/13/2021 15:47:52  |
| M5040-05 C00W1    | S          | CNEPA-NE\ P |           | 0.9904   | µg/l        | 12/13/2021 15:47:53  |
| M5040-06 C00W3    | S          | CNEPA-NE\ P |           | 1.1709   | µg/l        | 12/13/2021 15:47:54  |
| M5040-07 C00W5    | S          | CNEPA-NE\ P |           | 1.5742   | µg/l        | 12/13/2021 15:47:55  |
| M5040-08 C00W7    | S          | CNEPA-NE\ P |           | 1.3045   | µg/l        | 12/13/2021 15:47:56  |
| M5040-09 C00W9    | S          | CNEPA-NE\ P |           | 0.8642   | µg/l        | 12/13/2021 15:53:27  |
| M5040-10 C00W9D   | S          | CNEPA-NE\ P |           | 1.169    | µg/l        | 12/13/2021 15:53:28  |
| M5040-11 C00W9S   | S          | CNEPA-NE\ P |           | 77.5424  | µg/l        | 12/13/2021 15:53:29  |
| M5040-12 C00X2    | S          | CNEPA-NE\ P |           | 4.4368   | µg/l        | 12/13/2021 15:53:30  |
| M5040-13 C00X4    | S          | CNEPA-NE\ P |           | 115.8294 | µg/l        | 12/13/2021 15:53:31  |
| M5040-14 C00X6    | S          | CNEPA-NE\ P |           | 3.9528   | µg/l        | 12/13/2021 15:58:42  |
| M5040-15 C00X8    | S          | CNEPA-NE\ P |           | 2.7954   | µg/l        | 12/13/2021 15:58:43  |
| M5040-16 C00Y0    | S          | CNEPA-NE\ P |           | 1.1172   | µg/l        | 12/13/2021 15:58:44  |
| M5040-17 C00Y2    | S          | CNEPA-NE\ P |           | 3.2914   | µg/l        | 12/13/2021 15:58:45  |
| M5040-18 C00Y4    | S          | CNEPA-NE\ P |           | 1.0371   | µg/l        | 12/13/2021 15:58:46  |
| M5040-19 C00Y6    | S          | CNEPA-NE\ P |           | 2.2338   | µg/l        | 12/13/2021 16:04:53  |
| M5040-20 C00Y8    | S          | CNEPA-NE\ P |           | 2.5724   | µg/l        | 12/13/2021 16:04:54  |
| M5040-21 C00Z0    | S          | CNEPA-NE\ P |           | 3.0292   | µg/l        | 12/13/2021 16:04:55  |
| M5040-22 C00Z2    | S          | CNEPA-NE\ P |           | 0.8177   | µg/l        | 12/13/2021 16:04:56  |
| PB141370BL PBW370 | S          | CNEPA-NE\ P |           | 0.9418   | µg/l        | 12/13/2021 16:04:57  |
| M5041-01 C00Z4    | S          | CNEPA-NE\ P |           | 1.1049   | µg/l        | 12/13/2021 16:04:58  |
| CCV002 CCV002     | S          | CNEPA-NE\ P |           | 250.3201 | µg/l        | 12/13/2021 16:04:59  |
| CCB002 CCB002     | S          | CNEPA-NE\ P |           | 1.2179   | µg/l        | 12/13/2021 16:05:00  |

Calibration results

Aquakem 7.2AQ1

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CHEMTECH CONSULTING GROUP INC

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : 12

Instrument ID : Konelab

12/13/2021 14:57

Test CNEPA-NEW

Accepted

12/13/2021 14:57

Factor Slope

~~976.5~~

~~0.001204~~

0.001024

Bias

*Y intercept*

0.007

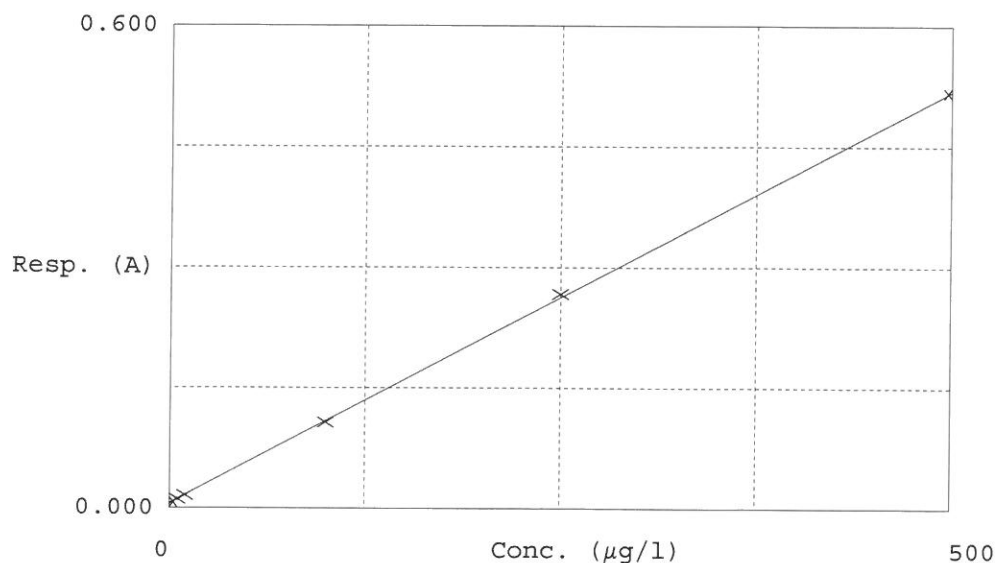
12 12/14/21

12 12/21/21

Coeff. of det.

0.999875

Errors



|   | Calibrator             | Response | Calc. con. | Conc.    | Errors      |
|---|------------------------|----------|------------|----------|-------------|
| 1 | 0.0PPBCN <i>5.0</i>    | 0.007    | 0.4398     | 0.0000   | <i>-</i>    |
| 2 | 5.0PPBCN <i>55.0</i>   | 0.011    | 4.7194     | 5.0000   | <i>-5.6</i> |
| 3 | 10PPBCN <i>510.0</i>   | 0.016    | 9.2296     | 10.0000  | <i>-7.7</i> |
| 4 | 100PPBCN <i>5100.0</i> | 0.107    | 98.1227    | 100.0000 | <i>-1.9</i> |
| 5 | 250PPBCN <i>5250.0</i> | 0.267    | 254.1897   | 250.0000 | <i>1.7</i>  |
| 6 | 500PPBCN <i>5500.0</i> | 0.517    | 498.2988   | 500.0000 | <i>-0.3</i> |

12 12/14/21