

LB 128422

Test results

Aquakem 7.2AQ1

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

Reviewed by : 12 Instrument ID : Konelab

11/21/2023 16:58

Test: CNEPA-NEW

| Sample Id         | Result   | Dil. 1 + | Response | Errors          |
|-------------------|----------|----------|----------|-----------------|
| ICV001 ICV001     | 92.961   | 0.0      | 0.093    |                 |
| ICB001 ICB001     | 1.088    | 0.0      | 0.001    |                 |
| CCV001 CCV001     | 241.991  | 0.0      | 0.242    |                 |
| CCB001 CCB001     | 0.939    | 0.0      | 0.001    |                 |
| PB157313BL PBW313 | 1.163    | 0.0      | 0.001    |                 |
| 05392-01 MA4A06   | 2.120    | 0.0      | 0.002    |                 |
| 05392-02 MA4A06D  | 1.855    | 0.0      | 0.002    |                 |
| 05392-03 MA4A06S  | 94.180   | 0.0      | 0.094    |                 |
| 05423-08 MC0AK4   | 2.593    | 0.0      | 0.002    |                 |
| 05457-05 XA046    | 273.289  | 0.0      | 0.273    |                 |
| PB157314BL PBS314 | 1.202    | 0.0      | 0.001    |                 |
| 05423-02 MC0AB3   | 1.899    | 0.0      | 0.002    |                 |
| 05423-03 MC0AB4   | 1.217    | 0.0      | 0.001    |                 |
| 05423-04 MC0AC0   | 0.943    | 0.0      | 0.001    |                 |
| 05423-05 MC0AC1   | 0.754    | 0.0      | 0.001    |                 |
| 05423-06 MC0AK2   | 1.938    | 0.0      | 0.002    |                 |
| 05423-07 MC0AK3   | 2.446    | 0.0      | 0.002    |                 |
| 05423-09 MC0AG6   | 0.673    | 0.0      | 0.001    |                 |
| 05423-10 MC0AG7   | 1.264    | 0.0      | 0.001    |                 |
| CCV002 CCV002     | 234.173  | 0.0      | 0.234    |                 |
| CCB002 CCB002     | 1.195    | 0.0      | 0.001    |                 |
| 05423-11 MC0AH0   | 1.630    | 0.0      | 0.001    |                 |
| 05423-15 MC0AJ9   | 0.592    | 0.0      | 0.000    |                 |
| 05423-16 MC0AH4   | 0.966    | 0.0      | 0.001    |                 |
| 05423-17 MC0AH5   | 0.819    | 0.0      | 0.001    |                 |
| 05423-18 MC0AH6   | 0.760    | 0.0      | 0.001    |                 |
| 05423-19 MC0AH7   | 1.394    | 0.0      | 0.001    |                 |
| 05423-20 MC0AH8   | 1.736    | 0.0      | 0.002    |                 |
| 05423-21 MC0AH9   | 1.673    | 0.0      | 0.002    |                 |
| 05423-22 MC0AJ0   | 3.250    | 0.0      | 0.003    |                 |
| 05423-12 MC0AH2   | 0.645    | 0.0      | 0.001    |                 |
| 05423-13 MC0AH2D  | 0.874    | 0.0      | 0.001    |                 |
| 05423-14 MC0AH2S  | 94.348   | 0.0      | 0.094    |                 |
| 05423-01 MC0AB2   | 1.615    | 0.0      | 0.001    |                 |
| CCV003 CCV003     | 247.672  | 0.0      | 0.247    |                 |
| CCB003 CCB003     | 1.147    | 0.0      | 0.001    |                 |
| 05457-01 XA042    | 2192.363 | 0.0      | 2.189    | Test limit high |
| PB157343BL PBS343 | 0.997    | 0.0      | 0.001    |                 |
| 05475-01 MC0AA2   | 2.668    | 0.0      | 0.003    |                 |
| 05475-02 MC0AA3   | 4.632    | 0.0      | 0.004    |                 |
| 05475-03 MC0AA4   | 2.601    | 0.0      | 0.002    |                 |
| 05475-04 MC0AJ1   | 3.591    | 0.0      | 0.003    |                 |
| 05475-05 MC0AJ2   | 1.287    | 0.0      | 0.001    |                 |
| 05475-06 MC0AJ3   | 2.014    | 0.0      | 0.002    |                 |
| 05475-07 MC0AJ4   | 1.648    | 0.0      | 0.002    |                 |
| 05475-08 MC0AJ6   | 0.358    | 0.0      | 0.000    |                 |
| 05475-09 MC0AJ7   | 0.605    | 0.0      | 0.000    |                 |
| 05475-10 MC0AJ8   | 0.575    | 0.0      | 0.000    |                 |
| 05475-11 MC0AK0   | 2.161    | 0.0      | 0.002    |                 |
| 05475-12 MC0AK1   | 3.803    | 0.0      | 0.004    |                 |
| 05475-14 MC0AA5   | 4.267    | 0.0      | 0.004    |                 |
| CCV004 CCV004     | 233.561  | 0.0      | 0.233    |                 |
| CCB004 CCB004     | 1.817    | 0.0      | 0.002    |                 |
| 05475-15 MC0AA6   | 3.939    | 0.0      | 0.004    |                 |
| 05475-17 MC0AA8   | 1.564    | 0.0      | 0.001    |                 |

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284 Sheffield Street, Mountainside, NJ 07092

11/21/2023 16:58

Reviewed by : 12 Instrument ID : Konelab

Test: CNEPA-NEW

| Sample Id           | Result  | Dil. 1 + | Response | Errors |
|---------------------|---------|----------|----------|--------|
| O5475-21 MC0AB0     | 1.389   | 0.0      | 0.001    |        |
| O5475-22 MC0AB1     | 1.899   | 0.0      | 0.002    |        |
| DB157347BL PBS347   | 1.572   | 0.0      | 0.001    |        |
| O5457-01DLX10 XA042 | 216.881 | 0.0      | 0.216    |        |
| O5493-01 MEZZC1     | 9.083   | 0.0      | 0.009    |        |
| O5493-02 MEZZC2     | 4.704   | 0.0      | 0.005    |        |
| O5475-13 MC0AA0     | 8.799   | 0.0      | 0.009    |        |
| O5475-16 MC0AA7     | 4.577   | 0.0      | 0.004    |        |
| O5475-18 MC0AA9     | 1.349   | 0.0      | 0.001    |        |
| O5475-19 MC0AA9D    | 1.330   | 0.0      | 0.001    |        |
| O5475-20 MC0AA9S    | 92.373  | 0.0      | 0.092    |        |
| O5493-03 MEZZC3     | 6.777   | 0.0      | 0.007    |        |
| O5493-04 MEZZC3D    | 6.937   | 0.0      | 0.007    |        |
| O5493-05 MEZZC3S    | 91.464  | 0.0      | 0.091    |        |
| CCV005 CCV005       | 235.812 | 0.0      | 0.235    |        |
| CCB005 CCB005       | 1.150   | 0.0      | 0.001    |        |

N 71  
Mean 62.951  
SD 266.6061  
CV% 423.51

Aquakem v. 7.2AQ1

Results from time period:

Tue Nov 21 11:38:11 2023

Tue Nov 21 16:46:59 2023

| Sample Id         | Sam/Ctr/c/ | Test short  | Test type | Result   | Result unit | Result date and time |
|-------------------|------------|-------------|-----------|----------|-------------|----------------------|
| S0.0              | A          | CNEPA-NE\ P |           | 1.7742   | µg/l        | 11/21/2023 11:54:17  |
| S5.0              | A          | CNEPA-NE\ P |           | 4.6783   | µg/l        | 11/21/2023 11:54:18  |
| S10.0             | A          | CNEPA-NE\ P |           | 9.3987   | µg/l        | 11/21/2023 11:54:19  |
| S100.0            | A          | CNEPA-NE\ P |           | 98.4311  | µg/l        | 11/21/2023 11:54:20  |
| S250.0            | A          | CNEPA-NE\ P |           | 250.7774 | µg/l        | 11/21/2023 11:54:21  |
| S500.0            | A          | CNEPA-NE\ P |           | 499.9404 | µg/l        | 11/21/2023 11:54:22  |
| ICV001 ICV001     | S          | CNEPA-NE\ P |           | 92.9613  | µg/l        | 11/21/2023 14:05:03  |
| ICB001 ICB001     | S          | CNEPA-NE\ P |           | 1.0876   | µg/l        | 11/21/2023 14:05:04  |
| CCV001 CCV001     | S          | CNEPA-NE\ P |           | 241.991  | µg/l        | 11/21/2023 14:05:07  |
| CCB001 CCB001     | S          | CNEPA-NE\ P |           | 0.9388   | µg/l        | 11/21/2023 14:05:09  |
| PB157313BL PBW313 | S          | CNEPA-NE\ P |           | 1.1633   | µg/l        | 11/21/2023 14:05:12  |
| O5392-01 MA4A06   | S          | CNEPA-NE\ P |           | 2.1205   | µg/l        | 11/21/2023 14:12:38  |
| O5392-02 MA4A06D  | S          | CNEPA-NE\ P |           | 1.8547   | µg/l        | 11/21/2023 14:12:40  |
| O5392-03 MA4A06S  | S          | CNEPA-NE\ P |           | 94.1802  | µg/l        | 11/21/2023 14:12:43  |
| O5423-08 MCOAK4   | S          | CNEPA-NE\ P |           | 2.5934   | µg/l        | 11/21/2023 14:12:45  |
| O5457-05 XA046    | S          | CNEPA-NE\ P |           | 273.2889 | µg/l        | 11/21/2023 14:12:46  |
| PB157314BL PBS314 | S          | CNEPA-NE\ P |           | 1.2016   | µg/l        | 11/21/2023 14:20:15  |
| O5423-02 MCOAB3   | S          | CNEPA-NE\ P |           | 1.8985   | µg/l        | 11/21/2023 14:20:17  |
| O5423-03 MCOAB4   | S          | CNEPA-NE\ P |           | 1.2169   | µg/l        | 11/21/2023 14:20:18  |
| O5423-04 MCOAC0   | S          | CNEPA-NE\ P |           | 0.943    | µg/l        | 11/21/2023 14:20:19  |
| O5423-05 MCOAC1   | S          | CNEPA-NE\ P |           | 0.754    | µg/l        | 11/21/2023 14:20:20  |
| O5423-06 MCOAK2   | S          | CNEPA-NE\ P |           | 1.9377   | µg/l        | 11/21/2023 14:20:21  |
| O5423-07 MCOAK3   | S          | CNEPA-NE\ P |           | 2.4464   | µg/l        | 11/21/2023 14:20:22  |
| O5423-09 MCOAG6   | S          | CNEPA-NE\ P |           | 0.6729   | µg/l        | 11/21/2023 14:20:23  |
| O5423-10 MCOAG7   | S          | CNEPA-NE\ P |           | 1.2637   | µg/l        | 11/21/2023 14:27:45  |
| CCV002 CCV002     | S          | CNEPA-NE\ P |           | 234.1727 | µg/l        | 11/21/2023 14:27:46  |
| CCB002 CCB002     | S          | CNEPA-NE\ P |           | 1.1952   | µg/l        | 11/21/2023 14:27:47  |
| O5423-11 MCOAH0   | S          | CNEPA-NE\ P |           | 1.6302   | µg/l        | 11/21/2023 14:27:48  |
| O5423-15 MCOAJ9   | S          | CNEPA-NE\ P |           | 0.5919   | µg/l        | 11/21/2023 14:27:53  |
| O5423-16 MCOAH4   | S          | CNEPA-NE\ P |           | 0.9659   | µg/l        | 11/21/2023 14:27:54  |
| O5423-17 MCOAH5   | S          | CNEPA-NE\ P |           | 0.8185   | µg/l        | 11/21/2023 14:27:55  |
| O5423-18 MCOAH6   | S          | CNEPA-NE\ P |           | 0.76     | µg/l        | 11/21/2023 14:35:20  |
| O5423-19 MCOAH7   | S          | CNEPA-NE\ P |           | 1.3943   | µg/l        | 11/21/2023 14:35:21  |
| O5423-20 MCOAH8   | S          | CNEPA-NE\ P |           | 1.7356   | µg/l        | 11/21/2023 14:35:22  |
| O5423-21 MCOAH9   | S          | CNEPA-NE\ P |           | 1.6729   | µg/l        | 11/21/2023 14:35:23  |
| O5423-22 MCOAJ0   | S          | CNEPA-NE\ P |           | 3.2503   | µg/l        | 11/21/2023 14:35:24  |
| O5423-12 MCOAH2   | S          | CNEPA-NE\ P |           | 0.6455   | µg/l        | 11/21/2023 15:05:42  |
| O5423-13 MCOAH2D  | S          | CNEPA-NE\ P |           | 0.874    | µg/l        | 11/21/2023 15:05:44  |
| O5423-14 MCOAH2S  | S          | CNEPA-NE\ P |           | 94.348   | µg/l        | 11/21/2023 15:05:47  |
| O5423-01 MCOAB2   | S          | CNEPA-NE\ P |           | 1.6153   | µg/l        | 11/21/2023 15:11:44  |
| CCV003 CCV003     | S          | CNEPA-NE\ P |           | 247.672  | µg/l        | 11/21/2023 15:11:45  |
| CCB003 CCB003     | S          | CNEPA-NE\ P |           | 1.147    | µg/l        | 11/21/2023 15:11:47  |

|                     |   |             |               |                     |
|---------------------|---|-------------|---------------|---------------------|
| O5457-01 XA042      | S | CNEPA-NE\ P | 2192.363 µg/l | 11/21/2023 15:54:35 |
| PB157343BL PBS343   | S | CNEPA-NE\ P | 0.9974 µg/l   | 11/21/2023 15:54:39 |
| O5475-01 MC0AA2     | S | CNEPA-NE\ P | 2.6677 µg/l   | 11/21/2023 15:54:40 |
| O5475-02 MC0AA3     | S | CNEPA-NE\ P | 4.6316 µg/l   | 11/21/2023 15:54:41 |
| O5475-03 MC0AA4     | S | CNEPA-NE\ P | 2.6007 µg/l   | 11/21/2023 15:54:42 |
| O5475-04 MC0AJ1     | S | CNEPA-NE\ P | 3.5914 µg/l   | 11/21/2023 15:54:43 |
| O5475-05 MC0AJ2     | S | CNEPA-NE\ P | 1.2866 µg/l   | 11/21/2023 15:54:44 |
| O5475-06 MC0AJ3     | S | CNEPA-NE\ P | 2.0142 µg/l   | 11/21/2023 15:54:45 |
| O5475-07 MC0AJ4     | S | CNEPA-NE\ P | 1.6478 µg/l   | 11/21/2023 16:02:08 |
| O5475-08 MC0AJ6     | S | CNEPA-NE\ P | 0.3579 µg/l   | 11/21/2023 16:02:09 |
| O5475-09 MC0AJ7     | S | CNEPA-NE\ P | 0.6047 µg/l   | 11/21/2023 16:02:10 |
| O5475-10 MC0AJ8     | S | CNEPA-NE\ P | 0.5753 µg/l   | 11/21/2023 16:02:11 |
| O5475-11 MC0AK0     | S | CNEPA-NE\ P | 2.1611 µg/l   | 11/21/2023 16:02:12 |
| O5475-12 MC0AK1     | S | CNEPA-NE\ P | 3.8026 µg/l   | 11/21/2023 16:02:13 |
| O5475-14 MC0AA5     | S | CNEPA-NE\ P | 4.2666 µg/l   | 11/21/2023 16:02:15 |
| CCV004 CCV004       | S | CNEPA-NE\ P | 233.5607 µg/l | 11/21/2023 16:02:16 |
| CCB004 CCB004       | S | CNEPA-NE\ P | 1.8169 µg/l   | 11/21/2023 16:02:17 |
| O5475-15 MC0AA6     | S | CNEPA-NE\ P | 3.9389 µg/l   | 11/21/2023 16:02:18 |
| O5475-17 MC0AA8     | S | CNEPA-NE\ P | 1.5637 µg/l   | 11/21/2023 16:09:44 |
| O5475-21 MC0AB0     | S | CNEPA-NE\ P | 1.3885 µg/l   | 11/21/2023 16:09:50 |
| O5475-22 MC0AB1     | S | CNEPA-NE\ P | 1.8986 µg/l   | 11/21/2023 16:09:51 |
| PB157347BL PBS347   | S | CNEPA-NE\ P | 1.5723 µg/l   | 11/21/2023 16:09:52 |
| O5457-01DLX10 XA042 | S | CNEPA-NE\ P | 216.8809 µg/l | 11/21/2023 16:09:53 |
| O5493-01 MEZZC1     | S | CNEPA-NE\ P | 9.0826 µg/l   | 11/21/2023 16:15:54 |
| O5493-02 MEZZC2     | S | CNEPA-NE\ P | 4.7041 µg/l   | 11/21/2023 16:15:55 |
| O5475-13 MC0AA0     | S | CNEPA-NE\ P | 8.799 µg/l    | 11/21/2023 16:39:14 |
| O5475-16 MC0AA7     | S | CNEPA-NE\ P | 4.5772 µg/l   | 11/21/2023 16:39:17 |
| O5475-18 MC0AA9     | S | CNEPA-NE\ P | 1.3493 µg/l   | 11/21/2023 16:39:18 |
| O5475-19 MC0AA9D    | S | CNEPA-NE\ P | 1.3298 µg/l   | 11/21/2023 16:39:20 |
| O5475-20 MC0AA9S    | S | CNEPA-NE\ P | 92.373 µg/l   | 11/21/2023 16:39:22 |
| O5493-03 MEZZC3     | S | CNEPA-NE\ P | 6.7775 µg/l   | 11/21/2023 16:46:51 |
| O5493-04 MEZZC3D    | S | CNEPA-NE\ P | 6.9373 µg/l   | 11/21/2023 16:46:53 |
| O5493-05 MEZZC3S    | S | CNEPA-NE\ P | 91.4641 µg/l  | 11/21/2023 16:46:54 |
| CCV005 CCV005       | S | CNEPA-NE\ P | 235.8123 µg/l | 11/21/2023 16:46:56 |
| CCB005 CCB005       | S | CNEPA-NE\ P | 1.1505 µg/l   | 11/21/2023 16:46:59 |

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

Reviewed by : 12

Instrument ID : Konelab

11/21/2023 11:54

Test CNEPA-NEW

Accepted

11/21/2023 11:54

Factor *Slope*  
Bias *& Intercept*

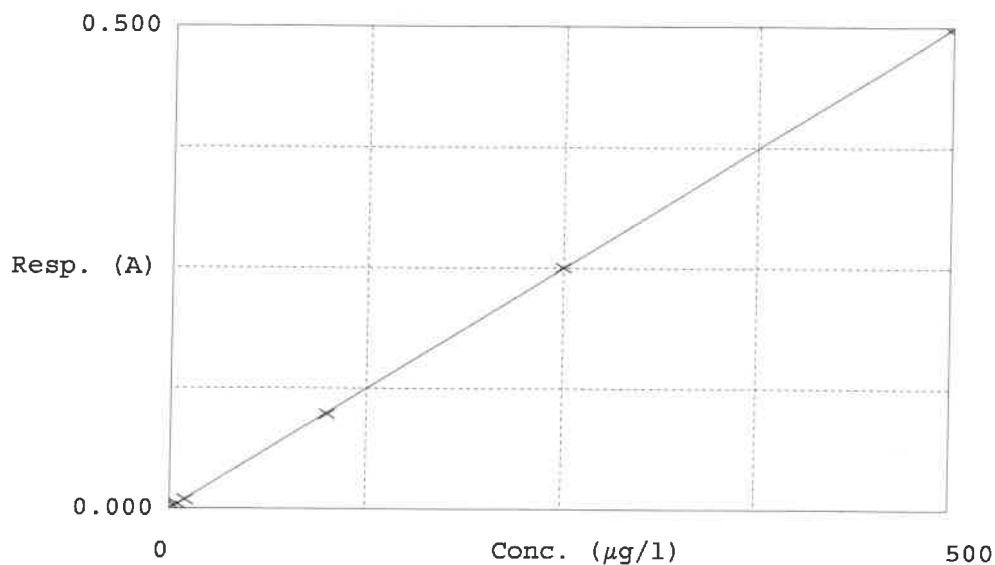
~~1001~~ *0.000999*  
0

*12*  
*11/27/23*

Coeff. of det.

0.999966

Errors



|   | Calibrator             | Response | Calc. con. | Conc.    | <i>12</i><br>Errors |
|---|------------------------|----------|------------|----------|---------------------|
| 1 | 0.0PPBCN <i>50.0</i>   | 0.002    | 1.7742     | 0.0000   | <i>-</i>            |
| 2 | 5.0PPBCN <i>55.0</i>   | 0.005    | 4.6783     | 5.0000   | <i>-6.4</i>         |
| 3 | 10PPBCN <i>510.0</i>   | 0.009    | 9.3987     | 10.0000  | <i>-6.0</i>         |
| 4 | 100PPBCN <i>5100.0</i> | 0.098    | 98.4311    | 100.0000 | <i>-1.6</i>         |
| 5 | 250PPBCN <i>5210.0</i> | 0.250    | 250.7774   | 250.0000 | <i>0.3</i>          |
| 6 | 500PPBCN <i>5500.0</i> | 0.499    | 499.9404   | 500.0000 | <i>0.0</i>          |

*12*  
*11/22/23*