

LB 121340

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

8/3/2022 13:02

Test: Total CN

| Sample Id    | Result  | Dil. 1 + | Response | Errors       |
|--------------|---------|----------|----------|--------------|
| ICV1         | 94.421  | 0.0      | 0.077    |              |
| ICB1         | 0.635   | 0.0      | 0.001    |              |
| CCV1         | 238.732 | 0.0      | 0.193    |              |
| CCB1         | 0.655   | 0.0      | 0.001    |              |
| PB146647BL   | 0.441   | 0.0      | 0.001    |              |
| PB146647BS   | 95.899  | 0.0      | 0.078    |              |
| LOWPB146647  | 9.807   | 0.0      | 0.009    | 98% (90-110) |
| HIGHPB146647 | 480.285 | 0.0      | 0.388    | 96% (90-110) |
| N3927-02     | 1.789   | 0.0      | 0.002    |              |
| N3927-07     | 2.294   | 0.0      | 0.003    |              |
| N3927-11     | 2.744   | 0.0      | 0.003    |              |
| N3927-15     | 6.928   | 0.0      | 0.006    |              |
| N3927-19     | 4.760   | 0.0      | 0.005    |              |
| N3930-03     | 1.085   | 0.0      | 0.002    |              |
| CCV2         | 238.315 | 0.0      | 0.193    |              |
| CCB2         | 0.210   | 0.0      | 0.001    |              |
| N3930-08     | 3.651   | 0.0      | 0.004    |              |
| N3930-12     | 2.571   | 0.0      | 0.003    |              |
| N3930-16     | 4.184   | 0.0      | 0.004    |              |
| N3930-20     | 2.988   | 0.0      | 0.003    |              |
| N3930-20DUP  | 3.069   | 0.0      | 0.003    |              |
| N3930-20MS   | 33.463  | 0.0      | 0.028    |              |
| N3930-20MSD  | 35.423  | 0.0      | 0.029    |              |
| PB146660BL   | 0.430   | 0.0      | 0.001    |              |
| PB146660BS   | 93.336  | 0.0      | 0.076    |              |
| N3931-04     | 2.279   | 0.0      | 0.003    |              |
| CCV3         | 235.560 | 0.0      | 0.191    |              |
| CCB3         | 0.646   | 0.0      | 0.001    |              |
| N3931-09     | 3.148   | 0.0      | 0.003    |              |
| N3931-13     | 1.897   | 0.0      | 0.002    |              |
| N3931-17     | 1.235   | 0.0      | 0.002    |              |
| N3935-01     | 3.630   | 0.0      | 0.004    |              |
| N3935-05     | 4.015   | 0.0      | 0.004    |              |
| N3935-10     | 1.679   | 0.0      | 0.002    |              |
| N3935-14     | 0.962   | 0.0      | 0.002    |              |
| N3935-18     | 10.763  | 0.0      | 0.010    |              |
| N3960-04     | 1.022   | 0.0      | 0.002    |              |
| N3960-08     | 3.070   | 0.0      | 0.003    |              |
| CCV4         | 239.098 | 0.0      | 0.194    |              |
| CCB4         | 0.504   | 0.0      | 0.001    |              |
| N3960-13     | 2.802   | 0.0      | 0.003    |              |
| N3960-17     | 1.310   | 0.0      | 0.002    |              |
| N3960-17DUP  | 1.145   | 0.0      | 0.002    |              |
| N3960-17MS   | 35.253  | 0.0      | 0.029    |              |
| N3960-17MSD  | 37.023  | 0.0      | 0.031    |              |
| CCV5         | 252.311 | 0.0      | 0.204    |              |
| CCB5         | 0.351   | 0.0      | 0.001    |              |

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8/3/22

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Aquakem 7.2AQ1

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

Reviewed by :   12   Instrument ID : Konelab

8/3/2022 13:02

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Test: Total CN

| Sample Id | Result | Dil. 1 + | Response | Ø□,, |
|-----------|--------|----------|----------|------|
|-----------|--------|----------|----------|------|

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|      |         |
|------|---------|
| N    | 47      |
| Mean | 46.762  |
| SD   | 98.9342 |
| CV%  | 211.57  |

Aquakem v. 7.2AQ1

Results from time period:

Wed Aug 03 11:53:05 2022

Wed Aug 03 12:58:38 2022

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN     | A          | Total CN   | P         | 0.0914   | µg/l        | 8/3/2022 9:33:22     |      |
| 5.OPPBCN     | A          | Total CN   | P         | 4.9467   | µg/l        | 8/3/2022 9:33:23     |      |
| 10PPBCN      | A          | Total CN   | P         | 10.4253  | µg/l        | 8/3/2022 9:33:24     |      |
| 50PPBCN      | A          | Total CN   | P         | 49.7408  | µg/l        | 8/3/2022 9:33:25     |      |
| 100PPBCN     | A          | Total CN   | P         | 99.4212  | µg/l        | 8/3/2022 9:33:26     |      |
| 250PPBCN     | A          | Total CN   | P         | 250.4817 | µg/l        | 8/3/2022 9:33:27     |      |
| 500PPBCN     | A          | Total CN   | P         | 499.8929 | µg/l        | 8/3/2022 9:33:28     |      |
| ICV1         | S          | Total CN   | P         | 94.4206  | µg/l        | 8/3/2022 11:53:05    |      |
| ICB1         | S          | Total CN   | P         | 0.6351   | µg/l        | 8/3/2022 11:53:07    |      |
| CCV1         | S          | Total CN   | P         | 238.7321 | µg/l        | 8/3/2022 11:53:10    |      |
| CCB1         | S          | Total CN   | P         | 0.6553   | µg/l        | 8/3/2022 11:53:11    |      |
| PB146647BL   | S          | Total CN   | P         | 0.4409   | µg/l        | 8/3/2022 11:53:14    |      |
| PB146647BS   | S          | Total CN   | P         | 95.8988  | µg/l        | 8/3/2022 11:53:15    |      |
| LOWPB146647  | S          | Total CN   | P         | 9.8069   | µg/l        | 8/3/2022 12:00:41    |      |
| HIGHPB146647 | S          | Total CN   | P         | 480.2846 | µg/l        | 8/3/2022 12:00:43    |      |
| N3927-02     | S          | Total CN   | P         | 1.7887   | µg/l        | 8/3/2022 12:00:44    |      |
| N3927-07     | S          | Total CN   | P         | 2.2943   | µg/l        | 8/3/2022 12:00:45    |      |
| N3927-11     | S          | Total CN   | P         | 2.7442   | µg/l        | 8/3/2022 12:00:46    |      |
| N3927-15     | S          | Total CN   | P         | 6.9282   | µg/l        | 8/3/2022 12:00:47    |      |
| N3927-19     | S          | Total CN   | P         | 4.7598   | µg/l        | 8/3/2022 12:00:48    |      |
| N3930-03     | S          | Total CN   | P         | 1.0855   | µg/l        | 8/3/2022 12:00:49    |      |
| CCV2         | S          | Total CN   | P         | 238.3149 | µg/l        | 8/3/2022 12:00:50    |      |
| CCB2         | S          | Total CN   | P         | 0.2096   | µg/l        | 8/3/2022 12:08:15    |      |
| N3930-08     | S          | Total CN   | P         | 3.651    | µg/l        | 8/3/2022 12:08:16    |      |
| N3930-12     | S          | Total CN   | P         | 2.571    | µg/l        | 8/3/2022 12:08:17    |      |
| N3930-16     | S          | Total CN   | P         | 4.1845   | µg/l        | 8/3/2022 12:08:18    |      |
| N3930-20     | S          | Total CN   | P         | 2.9883   | µg/l        | 8/3/2022 12:08:19    |      |
| N3930-20DUP  | S          | Total CN   | P         | 3.0688   | µg/l        | 8/3/2022 12:08:20    |      |
| N3930-20MS   | S          | Total CN   | P         | 33.4626  | µg/l        | 8/3/2022 12:08:23    |      |
| N3930-20MSD  | S          | Total CN   | P         | 35.4226  | µg/l        | 8/3/2022 12:08:24    |      |
| PB146660BL   | S          | Total CN   | P         | 0.4304   | µg/l        | 8/3/2022 12:08:25    |      |
| PB146660BS   | S          | Total CN   | P         | 93.3355  | µg/l        | 8/3/2022 12:15:47    |      |
| N3931-04     | S          | Total CN   | P         | 2.2793   | µg/l        | 8/3/2022 12:15:48    |      |
| CCV3         | S          | Total CN   | P         | 235.5598 | µg/l        | 8/3/2022 12:15:49    |      |
| CCB3         | S          | Total CN   | P         | 0.6459   | µg/l        | 8/3/2022 12:15:50    |      |
| N3931-09     | S          | Total CN   | P         | 3.1479   | µg/l        | 8/3/2022 12:15:51    |      |
| N3931-13     | S          | Total CN   | P         | 1.8974   | µg/l        | 8/3/2022 12:15:52    |      |
| N3931-17     | S          | Total CN   | P         | 1.2347   | µg/l        | 8/3/2022 12:15:53    |      |
| N3935-01     | S          | Total CN   | P         | 3.6301   | µg/l        | 8/3/2022 12:15:54    |      |
| N3935-05     | S          | Total CN   | P         | 4.0147   | µg/l        | 8/3/2022 12:15:55    |      |
| N3935-10     | S          | Total CN   | P         | 1.6788   | µg/l        | 8/3/2022 12:15:56    |      |
| N3935-14     | S          | Total CN   | P         | 0.962    | µg/l        | 8/3/2022 12:15:57    |      |

|             |   |          |   |               |                   |
|-------------|---|----------|---|---------------|-------------------|
| N3935-18    | S | Total CN | P | 10.7627 µg/l  | 8/3/2022 12:23:22 |
| N3960-04    | S | Total CN | P | 1.0217 µg/l   | 8/3/2022 12:23:23 |
| N3960-08    | S | Total CN | P | 3.07 µg/l     | 8/3/2022 12:23:24 |
| CCV4        | S | Total CN | P | 239.0978 µg/l | 8/3/2022 12:23:25 |
| CCB4        | S | Total CN | P | 0.5037 µg/l   | 8/3/2022 12:23:26 |
| N3960-13    | S | Total CN | P | 2.8024 µg/l   | 8/3/2022 12:23:27 |
| N3960-17    | S | Total CN | P | 1.3101 µg/l   | 8/3/2022 12:23:28 |
| N3960-17DUP | S | Total CN | P | 1.1449 µg/l   | 8/3/2022 12:23:29 |
| N3960-17MS  | S | Total CN | P | 35.2533 µg/l  | 8/3/2022 12:23:32 |
| N3960-17MSD | S | Total CN | P | 37.0234 µg/l  | 8/3/2022 12:27:13 |
| CCV5        | S | Total CN | P | 252.3113 µg/l | 8/3/2022 12:27:14 |
| CCB5        | S | Total CN | P | 0.351 µg/l    | 8/3/2022 12:27:15 |

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284 Sheffield Street, Mountainside, NJ 07092

8/3/2022 9:33      Reviewed by : 12      Instrument ID : Konelab

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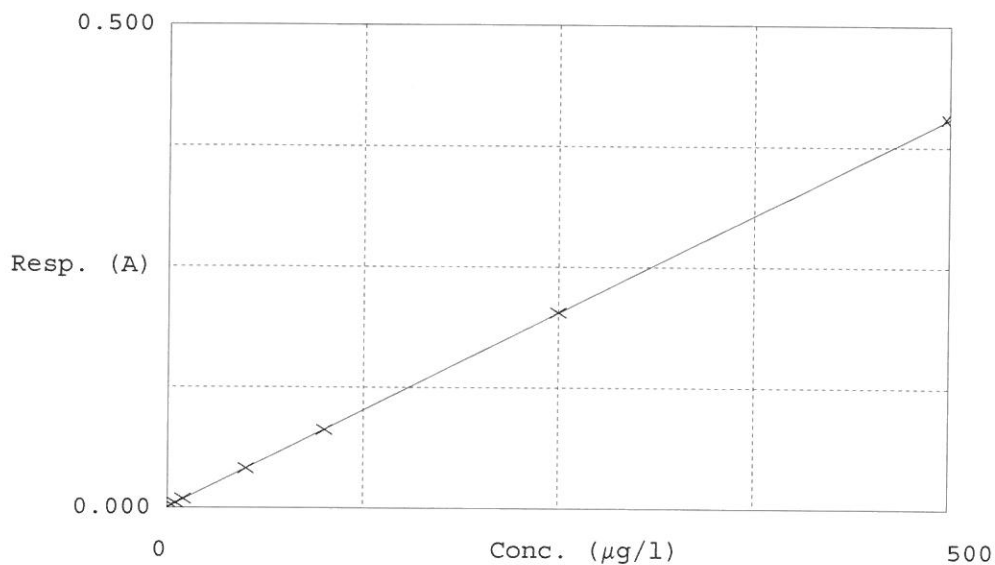
Test      Total CN

Accepted      8/3/2022      9:33

Factor      1240  
Bias      0.001

Coeff. of det.      0.999996

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | <sup>Re</sup><br>Errors |
|---|------------|----------|------------|----------|-------------------------|
| 1 | 0.0PPBCN   | 0.001    | 0.0914     | 0.0000   | -                       |
| 2 | 5.0PPBCN   | 0.005    | 4.9467     | 5.0000   | -1.1                    |
| 3 | 10PPBCN    | 0.009    | 10.4253    | 10.0000  | 4.3                     |
| 4 | 50PPBCN    | 0.041    | 49.7408    | 50.0000  | -0.5                    |
| 5 | 100PPBCN   | 0.081    | 99.4212    | 100.0000 | -0.6                    |
| 6 | 250PPBCN   | 0.203    | 250.4817   | 250.0000 | 0.2                     |
| 7 | 500PPBCN   | 0.404    | 499.8929   | 500.0000 | 0.0                     |

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8/3/22