

LB121521

Test results

Aquakem 7.2AQ1

Page: 1

CHEMTECH CONSULTING GROUP INC

284 Sheffield Street, Mountainside, NJ 07092

8/15/2022 12:19

Reviewed by : 12

Instrument ID : Konelab

Test: Total CN

| Sample Id    | Result  | Dil. 1 + | Response | Errors |
|--------------|---------|----------|----------|--------|
| ICV1         | 93.895  | 0.0      | 0.074    |        |
| ICB1         | 0.131   | 0.0      | 0.001    |        |
| CCV1         | 249.466 | 0.0      | 0.195    |        |
| CCB1         | -0.062  | 0.0      | 0.001    |        |
| PB147006BL   | -0.095  | 0.0      | 0.001    |        |
| PB147006BS   | 96.241  | 0.0      | 0.076    |        |
| LOWPB147006  | 9.516   | 0.0      | 0.009    |        |
| HIGHPB147006 | 497.045 | 0.0      | 0.388    |        |
| N4197-02     | 0.560   | 0.0      | 0.002    |        |
| N4197-02DUP  | 0.190   | 0.0      | 0.001    |        |
| N4197-02MS   | 37.678  | 0.0      | 0.031    |        |
| N4197-02MSD  | 37.470  | 0.0      | 0.030    |        |
| N4197-03     | -0.557  | 0.0      | 0.001    |        |
| N4201-02     | 0.127   | 0.0      | 0.001    |        |
| CCV2         | 243.711 | 0.0      | 0.191    |        |
| CCB2         | -0.139  | 0.0      | 0.001    |        |
| N4205-01     | -0.150  | 0.0      | 0.001    |        |
| N4205-02     | 0.266   | 0.0      | 0.002    |        |
| N4205-03     | 1.762   | 0.0      | 0.003    |        |
| N4205-04     | -0.028  | 0.0      | 0.001    |        |
| N4205-05     | 0.123   | 0.0      | 0.001    |        |
| N4205-06     | 0.290   | 0.0      | 0.002    |        |
| N4205-07     | 0.193   | 0.0      | 0.001    |        |
| N4208-01     | -0.131  | 0.0      | 0.001    |        |
| N4208-02     | -0.299  | 0.0      | 0.001    |        |
| CCV3         | 260.802 | 0.0      | 0.204    |        |
| CCB3         | -0.117  | 0.0      | 0.001    |        |

95% (PO-110)

99% (PO-110)

12

8/15/22

|      |          |
|------|----------|
| N    | 27       |
| Mean | 56.588   |
| SD   | 119.4919 |
| CV%  | 211.16   |

Aquakem v. 7.2AQ1

Results from time period:

Mon Aug 15 11:07:13 2022

Mon Aug 15 12:18:47 2022

| Sample Id    | Sam/Ctr/c/ | Test short | Test type | Result   | Result unit | Result date and time | Stat |
|--------------|------------|------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN     | A          | Total CN   | P         | -0.5758  | µg/l        | 8/15/2022 11:25:04   |      |
| 5.OPPBCN     | A          | Total CN   | P         | 4.3633   | µg/l        | 8/15/2022 11:25:05   |      |
| 10PPBCN      | A          | Total CN   | P         | 9.2898   | µg/l        | 8/15/2022 11:25:06   |      |
| 50PPBCN      | A          | Total CN   | P         | 48.4601  | µg/l        | 8/15/2022 11:25:07   |      |
| 100PPBCN     | A          | Total CN   | P         | 98.8152  | µg/l        | 8/15/2022 11:25:08   |      |
| 250PPBCN     | A          | Total CN   | P         | 258.4717 | µg/l        | 8/15/2022 11:25:09   |      |
| 500PPBCN     | A          | Total CN   | P         | 496.1757 | µg/l        | 8/15/2022 11:25:10   |      |
| ICV1         | S          | Total CN   | P         | 93.895   | µg/l        | 8/15/2022 11:59:47   |      |
| ICB1         | S          | Total CN   | P         | 0.1309   | µg/l        | 8/15/2022 11:59:50   |      |
| CCV1         | S          | Total CN   | P         | 249.4656 | µg/l        | 8/15/2022 11:59:52   |      |
| CCB1         | S          | Total CN   | P         | -0.0621  | µg/l        | 8/15/2022 11:59:54   |      |
| PB147006BL   | S          | Total CN   | P         | -0.0953  | µg/l        | 8/15/2022 11:59:56   |      |
| PB147006BS   | S          | Total CN   | P         | 96.2412  | µg/l        | 8/15/2022 11:59:57   |      |
| LOWPB147006  | S          | Total CN   | P         | 9.5164   | µg/l        | 8/15/2022 12:07:21   |      |
| HIGHPB147006 | S          | Total CN   | P         | 497.0454 | µg/l        | 8/15/2022 12:07:22   |      |
| N4197-02     | S          | Total CN   | P         | 0.5599   | µg/l        | 8/15/2022 12:07:23   |      |
| N4197-02DUP  | S          | Total CN   | P         | 0.1903   | µg/l        | 8/15/2022 12:07:24   |      |
| N4197-02MS   | S          | Total CN   | P         | 37.6785  | µg/l        | 8/15/2022 12:07:27   |      |
| N4197-02MSD  | S          | Total CN   | P         | 37.4699  | µg/l        | 8/15/2022 12:07:28   |      |
| N4197-03     | S          | Total CN   | P         | -0.5566  | µg/l        | 8/15/2022 12:07:29   |      |
| N4201-02     | S          | Total CN   | P         | 0.1265   | µg/l        | 8/15/2022 12:14:54   |      |
| CCV2         | S          | Total CN   | P         | 243.7108 | µg/l        | 8/15/2022 12:14:55   |      |
| CCB2         | S          | Total CN   | P         | -0.1388  | µg/l        | 8/15/2022 12:14:56   |      |
| N4205-01     | S          | Total CN   | P         | -0.1498  | µg/l        | 8/15/2022 12:14:57   |      |
| N4205-02     | S          | Total CN   | P         | 0.2664   | µg/l        | 8/15/2022 12:14:58   |      |
| N4205-03     | S          | Total CN   | P         | 1.7623   | µg/l        | 8/15/2022 12:14:59   |      |
| N4205-04     | S          | Total CN   | P         | -0.0279  | µg/l        | 8/15/2022 12:15:00   |      |
| N4205-05     | S          | Total CN   | P         | 0.1226   | µg/l        | 8/15/2022 12:15:01   |      |
| N4205-06     | S          | Total CN   | P         | 0.2896   | µg/l        | 8/15/2022 12:15:02   |      |
| N4205-07     | S          | Total CN   | P         | 0.1928   | µg/l        | 8/15/2022 12:15:03   |      |
| N4208-01     | S          | Total CN   | P         | -0.1314  | µg/l        | 8/15/2022 12:15:04   |      |
| N4208-02     | S          | Total CN   | P         | -0.2987  | µg/l        | 8/15/2022 12:18:45   |      |
| CCV3         | S          | Total CN   | P         | 260.8019 | µg/l        | 8/15/2022 12:18:46   |      |
| CCB3         | S          | Total CN   | P         | -0.1169  | µg/l        | 8/15/2022 12:18:47   |      |

Calibration results

Aquakem 7.2AQ1

Page: 1

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

Reviewed by : 12 Instrument ID : Konelab

8/15/2022 11:28

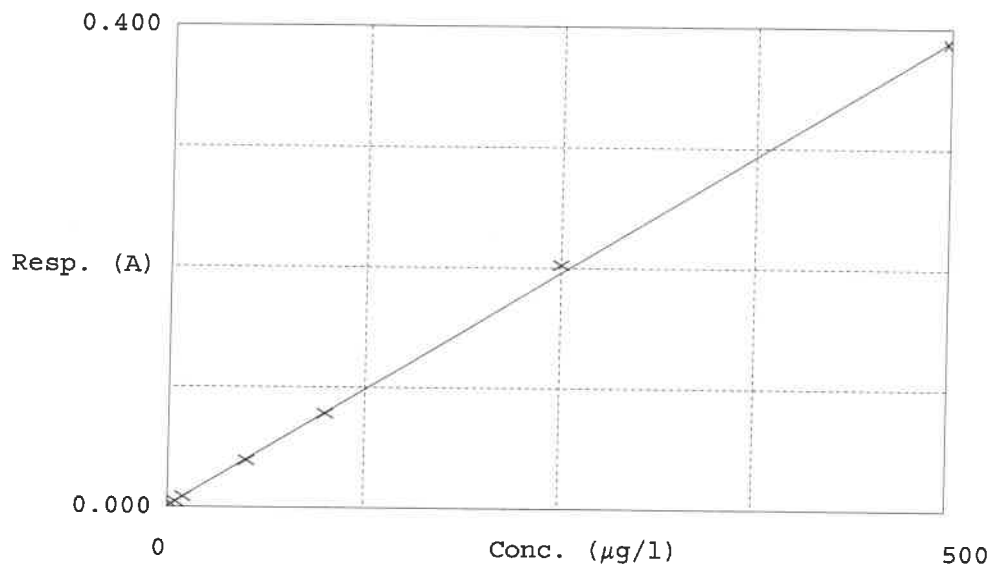
Test Total CN

Accepted 8/15/2022 11:28

Factor 1285  
Bias 0.001

Coeff. of det. 0.999555

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Re<br>Errors |
|---|------------|----------|------------|----------|--------------|
| 1 | 0.0PPBCN   | 0.001    | -0.5758    | 0.0000   | -            |
| 2 | 5.0PPBCN   | 0.005    | 4.3633     | 5.0000   | -12.7        |
| 3 | 10PPBCN    | 0.009    | 9.2898     | 10.0000  | -7.1         |
| 4 | 50PPBCN    | 0.039    | 48.4601    | 50.0000  | -3.1         |
| 5 | 100PPBCN   | 0.078    | 98.8152    | 100.0000 | -1.2         |
| 6 | 250PPBCN   | 0.202    | 258.4717   | 250.0000 | 3.4          |
| 7 | 500PPBCN   | 0.387    | 496.1757   | 500.0000 | -0.8         |

12  
8/15/22