

Test results

Aquakem 7.2AQ1

Page: 1

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

Instrument ID : Konelab

6/5/2019 15:46

Test: *Reactive* ~~Total~~ CN *Mg/L*

| Sample Id              | Result  | Dil. 1 + | Response | Errors |
|------------------------|---------|----------|----------|--------|
| ICV1                   | 97.018  | 0.0      | 0.101    |        |
| ICB1                   | 1.040   | 0.0      | 0.004    |        |
| CCV1                   | 243.065 | 0.0      | 0.250    |        |
| CCB1                   | 1.376   | 0.0      | 0.004    |        |
| PB120338BL             | 1.112   | 0.0      | 0.004    |        |
| K2638-03               | 1.164   | 0.0      | 0.004    |        |
| <del>K2638-02DUP</del> | 1.037   | 0.0      | 0.004    |        |
| K3151-02               | 1.015   | 0.0      | 0.004    |        |
| K3151-04               | 0.968   | 0.0      | 0.004    |        |
| K3151-06               | 1.132   | 0.0      | 0.004    |        |
| K3163-02               | 0.969   | 0.0      | 0.004    |        |
| K3163-04               | 1.139   | 0.0      | 0.004    |        |
| K3182-05               | 1.072   | 0.0      | 0.004    |        |
| K3182-06               | 1.438   | 0.0      | 0.004    |        |
| CCV2                   | 243.514 | 0.0      | 0.251    |        |
| CCB2                   | 1.385   | 0.0      | 0.004    |        |
| PB120306BL             | 1.225   | 0.0      | 0.004    |        |
| K3150-04               | 0.962   | 0.0      | 0.004    |        |
| K3150-04DUP            | 1.065   | 0.0      | 0.004    |        |
| CCV3                   | 244.714 | 0.0      | 0.252    |        |
| CCB3                   | 1.325   | 0.0      | 0.004    |        |

N 21  
Mean 40.368  
SD 87.6008  
CV% 217.00

Aquakem v. 7.2AQ1

Results from time period:

Wed Jun 05 15:15:41 2019

Wed Jun 05 15:23:26 2019

AS

| Sample Id   | Sam/Ctr/c/ | Test short nam | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|----------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN    | A          | Reactive CN    | P         | 0.7724   | µg/l        | 6/5/2019 8:11:28     |      |
| 5.OPPBCN    | A          | Reactive CN    | P         | 5.5483   | µg/l        | 6/5/2019 8:11:29     |      |
| 10PPBCN     | A          | Reactive CN    | P         | 10.211   | µg/l        | 6/5/2019 8:11:30     |      |
| 50PPBCN     | A          | Reactive CN    | P         | 48.9148  | µg/l        | 6/5/2019 8:11:31     |      |
| 100PPBCN    | A          | Reactive CN    | P         | 99.9154  | µg/l        | 6/5/2019 8:11:32     |      |
| 250PPBCN    | A          | Reactive CN    | P         | 249.0448 | µg/l        | 6/5/2019 8:11:33     |      |
| 500PPBCN    | A          | Reactive CN    | P         | 500.5934 | µg/l        | 6/5/2019 8:11:34     |      |
| ICV1        | S          | Reactive CN    | P         | 97.018   | µg/l        | 6/5/2019 15:15:41    |      |
| ICB1        | S          | Reactive CN    | P         | 1.0404   | µg/l        | 6/5/2019 15:15:42    |      |
| CCV1        | S          | Reactive CN    | P         | 243.0652 | µg/l        | 6/5/2019 15:15:43    |      |
| CCB1        | S          | Reactive CN    | P         | 1.3762   | µg/l        | 6/5/2019 15:15:44    |      |
| PB120338BL  | S          | Reactive CN    | P         | 1.1117   | µg/l        | 6/5/2019 15:15:45    |      |
| K2638-03    | S          | Reactive CN    | P         | 1.1643   | µg/l        | 6/5/2019 15:15:46    |      |
| K2638-03DUP | S          | Reactive CN    | P         | 1.0367   | µg/l        | 6/5/2019 15:15:47    |      |
| K3151-02    | S          | Reactive CN    | P         | 1.0154   | µg/l        | 6/5/2019 15:15:48    |      |
| K3151-04    | S          | Reactive CN    | P         | 0.968    | µg/l        | 6/5/2019 15:15:49    |      |
| K3151-06    | S          | Reactive CN    | P         | 1.1322   | µg/l        | 6/5/2019 15:15:50    |      |
| K3163-02    | S          | Reactive CN    | P         | 0.969    | µg/l        | 6/5/2019 15:15:51    |      |
| K3163-04    | S          | Reactive CN    | P         | 1.1392   | µg/l        | 6/5/2019 15:23:16    |      |
| K3182-05    | S          | Reactive CN    | P         | 1.0715   | µg/l        | 6/5/2019 15:23:17    |      |
| K3182-06    | S          | Reactive CN    | P         | 1.4379   | µg/l        | 6/5/2019 15:23:18    |      |
| CCV2        | S          | Reactive CN    | P         | 243.5141 | µg/l        | 6/5/2019 15:23:19    |      |
| CCB2        | S          | Reactive CN    | P         | 1.3852   | µg/l        | 6/5/2019 15:23:20    |      |
| PB120306BL  | S          | Reactive CN    | P         | 1.225    | µg/l        | 6/5/2019 15:23:21    |      |
| K3150-04    | S          | Reactive CN    | P         | 0.9616   | µg/l        | 6/5/2019 15:23:22    |      |
| K3150-04DUP | S          | Reactive CN    | P         | 1.0651   | µg/l        | 6/5/2019 15:23:23    |      |
| CCV3        | S          | Reactive CN    | P         | 244.7138 | µg/l        | 6/5/2019 15:23:25    |      |
| CCB3        | S          | Reactive CN    | P         | 1.3247   | µg/l        | 6/5/2019 15:23:26    |      |

=====

Calibration results

Aquakem 7.2AQ1

Page: 1

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

Instrument ID : Konelab

6/5/2019 8:28

-----

Test      Total CN

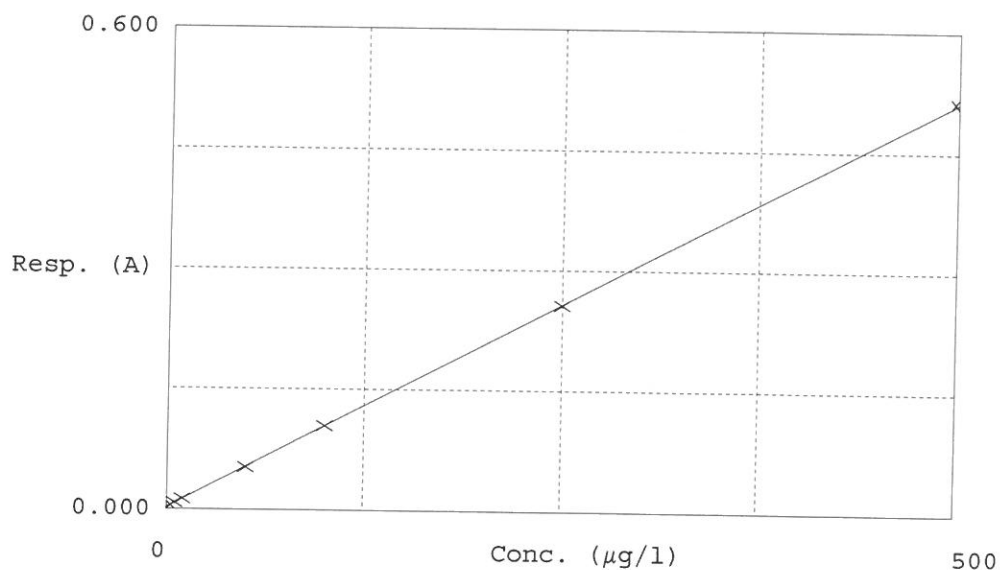
Accepted                      6/5/2019      8:28

Factor                      981.9

Bias                      0.003

Coeff. of det.              0.999983

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.003    | 0.7724     | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.008    | 5.5483     | 5.0000   |        |
| 3 | 10PPBCN    | 0.013    | 10.2110    | 10.0000  |        |
| 4 | 50PPBCN    | 0.052    | 48.9148    | 50.0000  |        |
| 5 | 100PPBCN   | 0.104    | 99.9154    | 100.0000 |        |
| 6 | 250PPBCN   | 0.256    | 249.0448   | 250.0000 |        |
| 7 | 500PPBCN   | 0.512    | 500.5934   | 500.0000 |        |