

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

Instrument ID : Konelab

7/5/2019 12:59

Test: *Reactive*  
~~Total~~ CN

| Sample Id   | Result  | Dil. 1 + | Response | Errors |
|-------------|---------|----------|----------|--------|
| ICV1        | 98.957  | 0.0      | 0.096    |        |
| ICB1        | -0.091  | 0.0      | 0.002    |        |
| CCV1        | 244.152 | 0.0      | 0.234    |        |
| CCB1        | -0.422  | 0.0      | 0.002    |        |
| PB121145BL  | -0.322  | 0.0      | 0.002    |        |
| K3618-02    | -0.117  | 0.0      | 0.002    |        |
| K3618-02DUP | -0.463  | 0.0      | 0.002    |        |
| K3648-01    | -0.251  | 0.0      | 0.002    |        |
| K3648-02    | -0.186  | 0.0      | 0.002    |        |
| PB121146BL  | -0.125  | 0.0      | 0.002    |        |
| K3641-02    | -0.179  | 0.0      | 0.002    |        |
| K3641-02DUP | -0.207  | 0.0      | 0.002    |        |
| PB121179BL  | -0.288  | 0.0      | 0.002    |        |
| K3622-02    | 0.006   | 0.0      | 0.002    |        |
| CCV2        | 246.515 | 0.0      | 0.236    |        |
| CCB2        | -0.216  | 0.0      | 0.002    |        |
| K3622-02DUP | -0.375  | 0.0      | 0.002    |        |
| K3622-04    | -0.669  | 0.0      | 0.001    |        |
| K3624-04    | -0.467  | 0.0      | 0.002    |        |
| K3624-06    | -0.178  | 0.0      | 0.002    |        |
| K3624-08    | -0.170  | 0.0      | 0.002    |        |
| K3668-04    | -0.130  | 0.0      | 0.002    |        |
| K3668-08    | -0.165  | 0.0      | 0.002    |        |
| K3668-12    | -0.044  | 0.0      | 0.002    |        |
| K3624-02    | -0.110  | 0.0      | 0.002    |        |
| CCV3        | 256.751 | 0.0      | 0.246    |        |
| CCB3        | 0.132   | 0.0      | 0.002    |        |

|      |         |
|------|---------|
| N    | 27      |
| Mean | 31.161  |
| SD   | 80.8319 |
| CV%  | 259.40  |

Aquakem v. 7.2AQ1

Results from time period:

Fri Jul 05 12:45:04 2019

Fri Jul 05 12:57:56 2019

AS

| Sample Id   | Sam/Ctr/c/ | Test short name | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|------------|-----------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN    | A          | Reactive CN     | P         | -0.3105  | µg/l        | 7/5/2019 11:21:56    |      |
| 5.OPPBCN    | A          | Reactive CN     | P         | 4.4889   | µg/l        | 7/5/2019 11:21:57    |      |
| 10PPBCN     | A          | Reactive CN     | P         | 9.5001   | µg/l        | 7/5/2019 11:21:58    |      |
| 50PPBCN     | A          | Reactive CN     | P         | 50.1071  | µg/l        | 7/5/2019 11:21:59    |      |
| 100PPBCN    | A          | Reactive CN     | P         | 101.2068 | µg/l        | 7/5/2019 11:22:00    |      |
| 250PPBCN    | A          | Reactive CN     | P         | 250.4894 | µg/l        | 7/5/2019 11:22:01    |      |
| 500PPBCN    | A          | Reactive CN     | P         | 499.5184 | µg/l        | 7/5/2019 11:22:02    |      |
| ICV1        | S          | Reactive CN     | P         | 98.957   | µg/l        | 7/5/2019 12:45:04    |      |
| ICB1        | S          | Reactive CN     | P         | -0.0909  | µg/l        | 7/5/2019 12:45:05    |      |
| CCV1        | S          | Reactive CN     | P         | 244.1524 | µg/l        | 7/5/2019 12:45:06    |      |
| CCB1        | S          | Reactive CN     | P         | -0.4218  | µg/l        | 7/5/2019 12:45:07    |      |
| PB121145BL  | S          | Reactive CN     | P         | -0.3221  | µg/l        | 7/5/2019 12:45:08    |      |
| K3618-02    | S          | Reactive CN     | P         | -0.1169  | µg/l        | 7/5/2019 12:45:09    |      |
| K3618-02DUP | S          | Reactive CN     | P         | -0.4634  | µg/l        | 7/5/2019 12:45:10    |      |
| K3648-01    | S          | Reactive CN     | P         | -0.251   | µg/l        | 7/5/2019 12:45:11    |      |
| K3648-02    | S          | Reactive CN     | P         | -0.186   | µg/l        | 7/5/2019 12:45:12    |      |
| PB121146BL  | S          | Reactive CN     | P         | -0.1249  | µg/l        | 7/5/2019 12:45:13    |      |
| K3641-02    | S          | Reactive CN     | P         | -0.1785  | µg/l        | 7/5/2019 12:45:14    |      |
| K3641-02DUP | S          | Reactive CN     | P         | -0.2074  | µg/l        | 7/5/2019 12:52:36    |      |
| PB121179BL  | S          | Reactive CN     | P         | -0.2878  | µg/l        | 7/5/2019 12:52:37    |      |
| K3622-02    | S          | Reactive CN     | P         | 0.0065   | µg/l        | 7/5/2019 12:52:38    |      |
| CCV2        | S          | Reactive CN     | P         | 246.5145 | µg/l        | 7/5/2019 12:52:39    |      |
| CCB2        | S          | Reactive CN     | P         | -0.2156  | µg/l        | 7/5/2019 12:52:40    |      |
| K3622-02DUP | S          | Reactive CN     | P         | -0.3755  | µg/l        | 7/5/2019 12:52:41    |      |
| K3622-04    | S          | Reactive CN     | P         | -0.6694  | µg/l        | 7/5/2019 12:52:42    |      |
| K3624-04    | S          | Reactive CN     | P         | -0.4675  | µg/l        | 7/5/2019 12:52:44    |      |
| K3624-06    | S          | Reactive CN     | P         | -0.1784  | µg/l        | 7/5/2019 12:52:45    |      |
| K3624-08    | S          | Reactive CN     | P         | -0.17    | µg/l        | 7/5/2019 12:52:46    |      |
| K3668-04    | S          | Reactive CN     | P         | -0.1295  | µg/l        | 7/5/2019 12:57:51    |      |
| K3668-08    | S          | Reactive CN     | P         | -0.1653  | µg/l        | 7/5/2019 12:57:52    |      |
| K3668-12    | S          | Reactive CN     | P         | -0.0441  | µg/l        | 7/5/2019 12:57:53    |      |
| K3624-02    | S          | Reactive CN     | P         | -0.1103  | µg/l        | 7/5/2019 12:57:54    |      |
| CCV3        | S          | Reactive CN     | P         | 256.7513 | µg/l        | 7/5/2019 12:57:55    |      |
| CCB3        | S          | Reactive CN     | P         | 0.1317   | µg/l        | 7/5/2019 12:57:56    |      |

Calibration results

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

Instrument ID : Konelab

7/5/2019 11:27

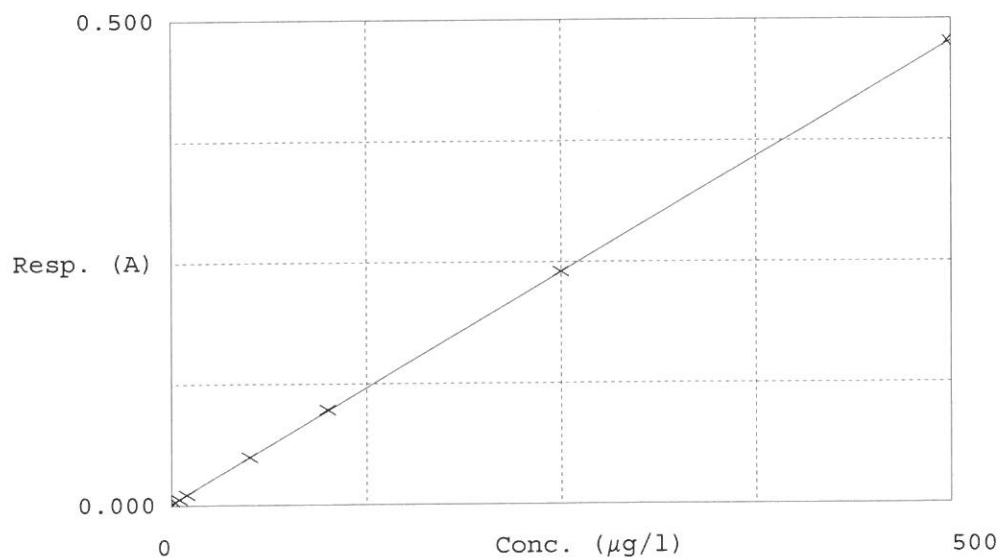
Test Total CN

Accepted 7/5/2019 11:27

Factor 1052  
Bias 0.002

Coeff. of det. 0.999988

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.002    | -0.3105    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.006    | 4.4889     | 5.0000   |        |
| 3 | 10PPBCN    | 0.011    | 9.5001     | 10.0000  |        |
| 4 | 50PPBCN    | 0.050    | 50.1071    | 50.0000  |        |
| 5 | 100PPBCN   | 0.098    | 101.2068   | 100.0000 |        |
| 6 | 250PPBCN   | 0.240    | 250.4894   | 250.0000 |        |
| 7 | 500PPBCN   | 0.477    | 499.5184   | 500.0000 |        |