

LB103791

Test results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

7/3/2019 10:32

Test: Phenolics-

| Sample Id   | Result | Dil. 1 + | Response | Errors |
|-------------|--------|----------|----------|--------|
| ICV1        | 1.005  | 0.0      | 0.129    |        |
| ICB1        | -0.007 | 0.0      | 0.015    |        |
| CCV1        | 1.014  | 0.0      | 0.131    |        |
| CCB1        | -0.005 | 0.0      | 0.015    |        |
| PB121122BL  | -0.005 | 0.0      | 0.015    |        |
| PB121122BS  | 1.015  | 0.0      | 0.131    |        |
| K3521-36    | 0.005  | 0.0      | 0.017    |        |
| K3521-37    | 0.006  | 0.0      | 0.017    |        |
| K3521-38    | 0.001  | 0.0      | 0.016    |        |
| K3521-38DUP | -0.002 | 0.0      | 0.016    |        |
| K3521-39    | 0.907  | 0.0      | 0.118    |        |
| K3521-40    | 0.931  | 0.0      | 0.121    |        |
| K3521-41    | -0.004 | 0.0      | 0.015    |        |
| K3521-42    | -0.006 | 0.0      | 0.015    |        |
| CCV2        | 1.013  | 0.0      | 0.130    |        |
| CCB2        | -0.007 | 0.0      | 0.015    |        |
| K3521-44    | -0.005 | 0.0      | 0.015    |        |
| K3521-45    | -0.006 | 0.0      | 0.015    |        |
| K3521-46    | -0.008 | 0.0      | 0.015    |        |
| K3521-47    | -0.009 | 0.0      | 0.015    |        |
| CCV3        | 1.006  | 0.0      | 0.130    |        |
| CCB3        | -0.007 | 0.0      | 0.015    |        |
| DOC-01      | 1.003  | 0.0      | 0.129    |        |
| DOC-02      | 1.006  | 0.0      | 0.130    |        |
| DOC-03      | 1.007  | 0.0      | 0.130    |        |
| DOC-04      | 1.006  | 0.0      | 0.130    |        |
| CCV4        | 1.012  | 0.0      | 0.130    |        |
| CCB4        | -0.005 | 0.0      | 0.015    |        |

|      |        |
|------|--------|
| N    | 28     |
| Mean | 0.424  |
| SD   | 0.5033 |
| CV%  | 118.81 |

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Calibration results

Aquakem 7.2AQ1

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CHEMTECH

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

Instrument ID : Konelab

7/3/2019 8:03

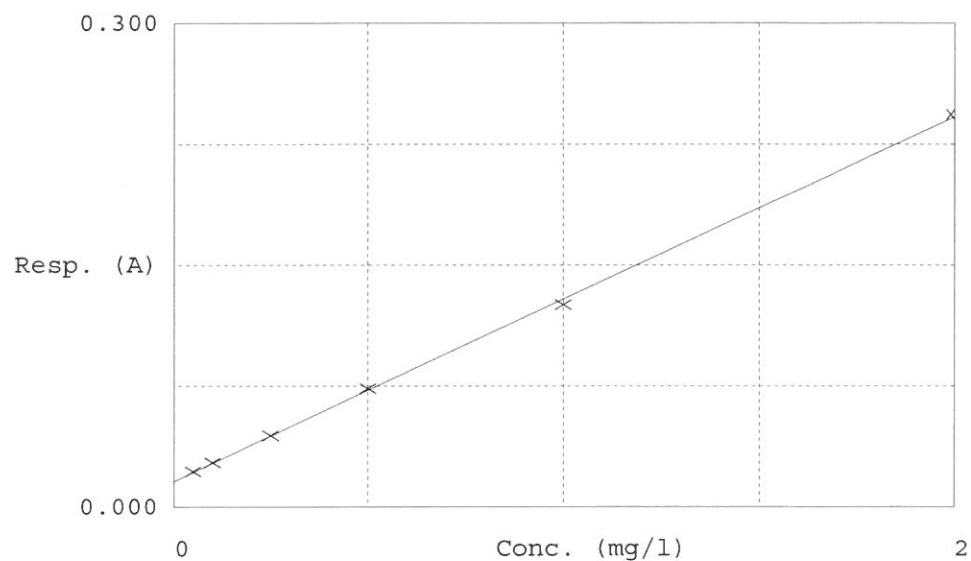
Test Phenolics-

Accepted 7/3/2019 7:58

Factor 8.847  
Bias 0.016

Coeff. of det. 0.999550

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors |
|---|------------|----------|------------|--------|--------|
| 1 | Phenol-2   | 0.022    | 0.0541     | 0.0500 |        |
| 2 | Phenol-2   | 0.028    | 0.1034     | 0.1000 |        |
| 3 | Phenol-2   | 0.044    | 0.2519     | 0.2500 |        |
| 4 | Phenol-2   | 0.073    | 0.5090     | 0.5000 |        |
| 5 | Phenol-2   | 0.125    | 0.9687     | 1.0000 |        |
| 6 | Phenol-2   | 0.243    | 2.0129     | 2.0000 |        |

LB103791

Aquakem v. 7.2AQ1

Results from time period:

Wed Jul 03 09:48:45 2019

Wed Jul 03 10:29:54 2019

| Sample Id   | Sam/Ctr/c | Test short | Test type | Result  | Result unit | Result date and time | Stat |
|-------------|-----------|------------|-----------|---------|-------------|----------------------|------|
| 0.05PPM     | A         | Phenolics- | P         | 0.0541  | mg/l        | 7/3/2019 7:55:05     |      |
| 0.1PPM      | A         | Phenolics- | P         | 0.1034  | mg/l        | 7/3/2019 7:55:06     |      |
| 0.25PPM     | A         | Phenolics- | P         | 0.2519  | mg/l        | 7/3/2019 7:55:07     |      |
| 0.50PPM     | A         | Phenolics- | P         | 0.509   | mg/l        | 7/3/2019 7:55:08     |      |
| 1.0PPM      | A         | Phenolics- | P         | 0.9687  | mg/l        | 7/3/2019 7:55:09     |      |
| 2.0PPM      | A         | Phenolics- | P         | 2.0129  | mg/l        | 7/3/2019 7:55:10     |      |
| ICV1        | S         | Phenolics- | P         | 1.0048  | mg/l        | 7/3/2019 9:48:45     |      |
| ICB1        | S         | Phenolics- | P         | -0.0074 | mg/l        | 7/3/2019 9:48:46     |      |
| CCV1        | S         | Phenolics- | P         | 1.014   | mg/l        | 7/3/2019 9:48:47     |      |
| CCB1        | S         | Phenolics- | P         | -0.0055 | mg/l        | 7/3/2019 9:48:48     |      |
| PB121122BL  | S         | Phenolics- | P         | -0.0045 | mg/l        | 7/3/2019 9:48:49     |      |
| PB121122BS  | S         | Phenolics- | P         | 1.0148  | mg/l        | 7/3/2019 9:48:50     |      |
| K3521-36    | S         | Phenolics- | P         | 0.0053  | mg/l        | 7/3/2019 9:48:51     |      |
| K3521-37    | S         | Phenolics- | P         | 0.0063  | mg/l        | 7/3/2019 9:48:52     |      |
| K3521-38    | S         | Phenolics- | P         | 0.001   | mg/l        | 7/3/2019 9:48:53     |      |
| K3521-38DUP | S         | Phenolics- | P         | -0.0018 | mg/l        | 7/3/2019 9:48:54     |      |
| K3521-39    | S         | Phenolics- | P         | 0.9071  | mg/l        | 7/3/2019 9:48:55     |      |
| K3521-40    | S         | Phenolics- | P         | 0.9305  | mg/l        | 7/3/2019 9:48:56     |      |
| K3521-41    | S         | Phenolics- | P         | -0.0044 | mg/l        | 7/3/2019 9:56:27     |      |
| K3521-42    | S         | Phenolics- | P         | -0.0056 | mg/l        | 7/3/2019 9:56:28     |      |
| CCV2        | S         | Phenolics- | P         | 1.0134  | mg/l        | 7/3/2019 9:56:29     |      |
| CCB2        | S         | Phenolics- | P         | -0.0073 | mg/l        | 7/3/2019 9:56:30     |      |
| K3521-44    | S         | Phenolics- | P         | -0.0046 | mg/l        | 7/3/2019 9:56:31     |      |
| K3521-45    | S         | Phenolics- | P         | -0.0058 | mg/l        | 7/3/2019 9:56:32     |      |
| K3521-46    | S         | Phenolics- | P         | -0.0077 | mg/l        | 7/3/2019 9:56:33     |      |
| K3521-47    | S         | Phenolics- | P         | -0.0094 | mg/l        | 7/3/2019 9:56:34     |      |
| CCV3        | S         | Phenolics- | P         | 1.0055  | mg/l        | 7/3/2019 9:56:35     |      |
| CCB3        | S         | Phenolics- | P         | -0.0074 | mg/l        | 7/3/2019 9:56:36     |      |
| DOC-01      | S         | Phenolics- | P         | 1.0032  | mg/l        | 7/3/2019 10:29:49    |      |
| DOC-02      | S         | Phenolics- | P         | 1.0061  | mg/l        | 7/3/2019 10:29:50    |      |
| DOC-03      | S         | Phenolics- | P         | 1.0067  | mg/l        | 7/3/2019 10:29:51    |      |
| DOC-04      | S         | Phenolics- | P         | 1.0063  | mg/l        | 7/3/2019 10:29:52    |      |
| CCV4        | S         | Phenolics- | P         | 1.0123  | mg/l        | 7/3/2019 10:29:53    |      |
| CCB4        | S         | Phenolics- | P         | -0.0045 | mg/l        | 7/3/2019 10:29:54    |      |