

Test results

Aquakem 7.2AQ1

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

11/29/2017 10:20

Test: Phenolics- mg/L

| Sample Id   | Result | Dil. 1 + | Response | Errors |
|-------------|--------|----------|----------|--------|
| ICV1        | 1.066  | 0.0      | 0.101    |        |
| ICB1        | -0.007 | 0.0      | 0.008    |        |
| CCV1        | 1.079  | 0.0      | 0.103    |        |
| CCB1        | -0.008 | 0.0      | 0.008    |        |
| PB104576BL  | -0.006 | 0.0      | 0.008    |        |
| PB104576BS  | 1.068  | 0.0      | 0.102    |        |
| I6591-01    | -0.009 | 0.0      | 0.008    |        |
| I6591-01DUP | -0.006 | 0.0      | 0.008    |        |
| I6591-01MS  | 1.070  | 0.0      | 0.102    |        |
| I6591-01MSD | 1.072  | 0.0      | 0.102    |        |
| I6591-02    | -0.003 | 0.0      | 0.008    |        |
| I6591-03    | -0.007 | 0.0      | 0.008    |        |
| I6591-04    | -0.007 | 0.0      | 0.008    |        |
| I6591-05    | -0.009 | 0.0      | 0.008    |        |
| CCV2        | 1.078  | 0.0      | 0.102    |        |
| CCB2        | -0.010 | 0.0      | 0.008    |        |
| DOC-01      | 0.999  | 0.0      | 0.096    |        |
| DOC-02      | 1.102  | 0.0      | 0.105    |        |
| DOC-03      | 0.925  | 0.0      | 0.089    |        |
| DOC-04      | 0.965  | 0.0      | 0.093    |        |
| CCV3        | 1.040  | 0.0      | 0.099    |        |
| CCB3        | -0.007 | 0.0      | 0.008    |        |

N 22  
Mean 0.517  
SD 0.5384  
CV% 104.05

AS

Aquakem v. 7.2AQ1

Results from time period:

Wed Nov 29 09:06:27 2017

Wed Nov 29 10:16:21 2017

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result  | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----------|---------|-------------|----------------------|------|
| 0.05PPM     | A          | Phenolics- | P         | 0.0446  | mg/l        | 11/29/2017 9:06:27   |      |
| 0.1PPM      | A          | Phenolics- | P         | 0.0974  | mg/l        | 11/29/2017 9:06:28   |      |
| 0.25PPM     | A          | Phenolics- | P         | 0.2474  | mg/l        | 11/29/2017 9:06:29   |      |
| 0.50PPM     | A          | Phenolics- | P         | 0.5016  | mg/l        | 11/29/2017 9:06:30   |      |
| 1.0PPM      | A          | Phenolics- | P         | 1.0175  | mg/l        | 11/29/2017 9:06:31   |      |
| 2.0PPM      | A          | Phenolics- | P         | 1.9914  | mg/l        | 11/29/2017 9:06:32   |      |
| ICV1        | S          | Phenolics- | P         | 1.0662  | mg/l        | 11/29/2017 9:37:03   |      |
| ICB1        | S          | Phenolics- | P         | -0.0073 | mg/l        | 11/29/2017 9:37:04   |      |
| CCV1        | S          | Phenolics- | P         | 1.0794  | mg/l        | 11/29/2017 9:37:07   |      |
| CCB1        | S          | Phenolics- | P         | -0.0077 | mg/l        | 11/29/2017 9:37:08   |      |
| PB104576BL  | S          | Phenolics- | P         | -0.0062 | mg/l        | 11/29/2017 9:37:10   |      |
| PB104576BS  | S          | Phenolics- | P         | 1.0676  | mg/l        | 11/29/2017 9:37:11   |      |
| I6591-01    | S          | Phenolics- | P         | -0.0093 | mg/l        | 11/29/2017 9:37:12   |      |
| I6591-01DUP | S          | Phenolics- | P         | -0.0058 | mg/l        | 11/29/2017 9:37:13   |      |
| I6591-01MS  | S          | Phenolics- | P         | 1.0695  | mg/l        | 11/29/2017 9:47:04   |      |
| I6591-01MSD | S          | Phenolics- | P         | 1.0717  | mg/l        | 11/29/2017 9:47:05   |      |
| I6591-02    | S          | Phenolics- | P         | -0.0033 | mg/l        | 11/29/2017 9:47:06   |      |
| I6591-03    | S          | Phenolics- | P         | -0.0072 | mg/l        | 11/29/2017 9:47:07   |      |
| I6591-04    | S          | Phenolics- | P         | -0.0071 | mg/l        | 11/29/2017 9:47:08   |      |
| I6591-05    | S          | Phenolics- | P         | -0.0094 | mg/l        | 11/29/2017 9:47:09   |      |
| CCV2        | S          | Phenolics- | P         | 1.0775  | mg/l        | 11/29/2017 9:47:10   |      |
| CCB2        | S          | Phenolics- | P         | -0.0098 | mg/l        | 11/29/2017 9:47:11   |      |
| DOC-01      | S          | Phenolics- | P         | 0.9988  | mg/l        | 11/29/2017 10:16:16  |      |
| DOC-02      | S          | Phenolics- | P         | 1.1021  | mg/l        | 11/29/2017 10:16:17  |      |
| DOC-03      | S          | Phenolics- | P         | 0.9248  | mg/l        | 11/29/2017 10:16:18  |      |
| DOC-04      | S          | Phenolics- | P         | 0.965   | mg/l        | 11/29/2017 10:16:19  |      |
| CCV3        | S          | Phenolics- | P         | 1.0404  | mg/l        | 11/29/2017 10:16:20  |      |
| CCB3        | S          | Phenolics- | P         | -0.0072 | mg/l        | 11/29/2017 10:16:21  |      |

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

11/29/2017 9:07

Test Phenolics-

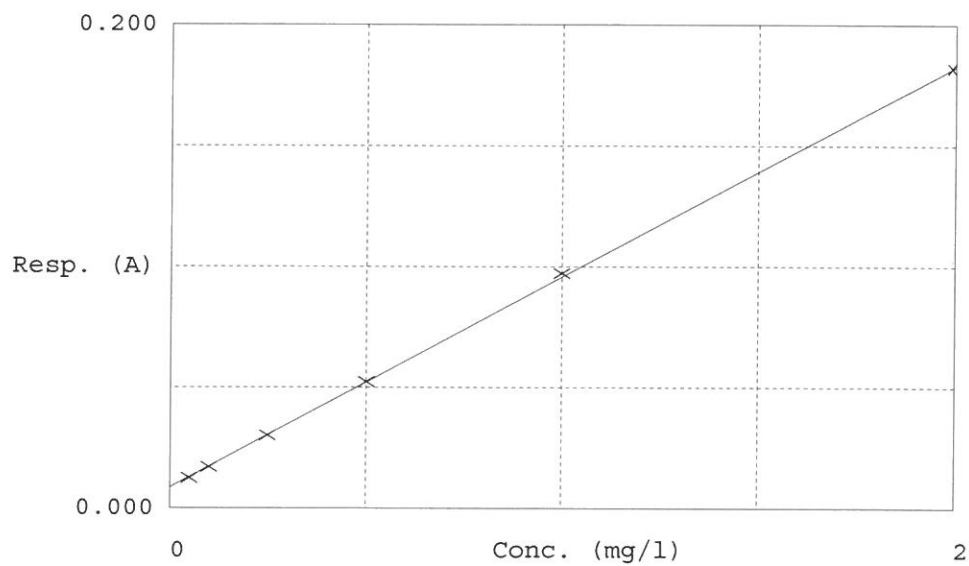
Accepted 11/29/2017 9:07

Factor 11.49

Bias 0.009

Coeff. of det. 0.999848

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors |
|---|------------|----------|------------|--------|--------|
| 1 | Phenol-2   | 0.013    | 0.0446     | 0.0500 |        |
| 2 | Phenol-2   | 0.017    | 0.0974     | 0.1000 |        |
| 3 | Phenol-2   | 0.030    | 0.2474     | 0.2500 |        |
| 4 | Phenol-2   | 0.052    | 0.5016     | 0.5000 |        |
| 5 | Phenol-2   | 0.097    | 1.0175     | 1.0000 |        |
| 6 | Phenol-2   | 0.182    | 1.9914     | 2.0000 |        |