

LB128318

Test results

Aquakem 7.2AQ1

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

Reviewed by : RM Instrument ID : Konelab

11/14/2023 12:28

Test: Phenolics-

| Sample Id   | <sup>mg/L</sup> Result | Dil. 1 + | Response | Errors |
|-------------|------------------------|----------|----------|--------|
| ICV1        | 1.024                  | 0.0      | 0.103    |        |
| ICB1        | 0.008                  | 0.0      | 0.029    |        |
| CCV1        | 1.028                  | 0.0      | 0.103    |        |
| CCB1        | 0.013                  | 0.0      | 0.029    |        |
| PB156971BL  | 0.014                  | 0.0      | 0.029    |        |
| PB156971BS  | 1.023                  | 0.0      | 0.103    |        |
| PB156970BL  | 0.008                  | 0.0      | 0.029    |        |
| PB156970BS  | 1.014                  | 0.0      | 0.102    |        |
| O5282-01    | 0.007                  | 0.0      | 0.029    |        |
| O5282-01DUP | 0.007                  | 0.0      | 0.029    |        |
| O5282-01MS  | 1.026                  | 0.0      | 0.103    |        |
| O5282-01MSD | 1.017                  | 0.0      | 0.102    |        |
| O4699-09    | 0.032                  | 0.0      | 0.031    |        |
| O4699-03    | 0.030                  | 0.0      | 0.031    |        |
| CCV2        | 1.027                  | 0.0      | 0.103    |        |
| CCB2        | 0.008                  | 0.0      | 0.029    |        |

N 16  
Mean 0.455  
SD 0.5169  
CV% 113.49

Aquakem v. 7.2AQ1

Results from time period:

Tue Nov 14 10:12:11 2023

Tue Nov 14 12:23:26 2023

| Sample Id   | Sam/Ctr/c/ | Test short | Test type | Result | Result unit | Result date and time | Stat |
|-------------|------------|------------|-----------|--------|-------------|----------------------|------|
| 0.00PPM     | A          | Phenolics- | P         | 0.0065 | mg/l        | 11/14/2023 10:12:11  |      |
| 0.05PPM     | A          | Phenolics- | P         | 0.0548 | mg/l        | 11/14/2023 10:12:12  |      |
| 0.1PPM      | A          | Phenolics- | P         | 0.1034 | mg/l        | 11/14/2023 10:12:13  |      |
| 0.25PPM     | A          | Phenolics- | P         | 0.253  | mg/l        | 11/14/2023 10:12:14  |      |
| 0.50PPM     | A          | Phenolics- | P         | 0.498  | mg/l        | 11/14/2023 10:12:15  |      |
| 1.0PPM      | A          | Phenolics- | P         | 0.9687 | mg/l        | 11/14/2023 10:12:16  |      |
| 2.0PPM      | A          | Phenolics- | P         | 2.0155 | mg/l        | 11/14/2023 10:12:17  |      |
| ICV1        | S          | Phenolics- | P         | 1.0243 | mg/l        | 11/14/2023 11:06:00  |      |
| ICB1        | S          | Phenolics- | P         | 0.0082 | mg/l        | 11/14/2023 11:06:02  |      |
| CCV1        | S          | Phenolics- | P         | 1.028  | mg/l        | 11/14/2023 11:06:04  |      |
| CCB1        | S          | Phenolics- | P         | 0.0132 | mg/l        | 11/14/2023 11:06:06  |      |
| PB156971BL  | S          | Phenolics- | P         | 0.0137 | mg/l        | 11/14/2023 11:06:07  |      |
| PB156971BS  | S          | Phenolics- | P         | 1.0234 | mg/l        | 11/14/2023 11:06:10  |      |
| PB156970BL  | S          | Phenolics- | P         | 0.008  | mg/l        | 11/14/2023 11:16:02  |      |
| PB156970BS  | S          | Phenolics- | P         | 1.0138 | mg/l        | 11/14/2023 11:16:04  |      |
| O5282-01    | S          | Phenolics- | P         | 0.0067 | mg/l        | 11/14/2023 11:16:08  |      |
| O5282-01DUP | S          | Phenolics- | P         | 0.0069 | mg/l        | 11/14/2023 11:16:11  |      |
| O5282-01MS  | S          | Phenolics- | P         | 1.0265 | mg/l        | 11/14/2023 11:26:06  |      |
| O5282-01MSD | S          | Phenolics- | P         | 1.0174 | mg/l        | 11/14/2023 11:26:08  |      |
| O4699-09    | S          | Phenolics- | P         | 0.0324 | mg/l        | 11/14/2023 12:03:31  |      |
| O4699-03    | S          | Phenolics- | P         | 0.0304 | mg/l        | 11/14/2023 12:23:20  |      |
| CCV2        | S          | Phenolics- | P         | 1.0268 | mg/l        | 11/14/2023 12:23:24  |      |
| CCB2        | S          | Phenolics- | P         | 0.0076 | mg/l        | 11/14/2023 12:23:26  |      |

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Reviewed by : RM

Instrument ID : Konelab

11/14/2023 10:15

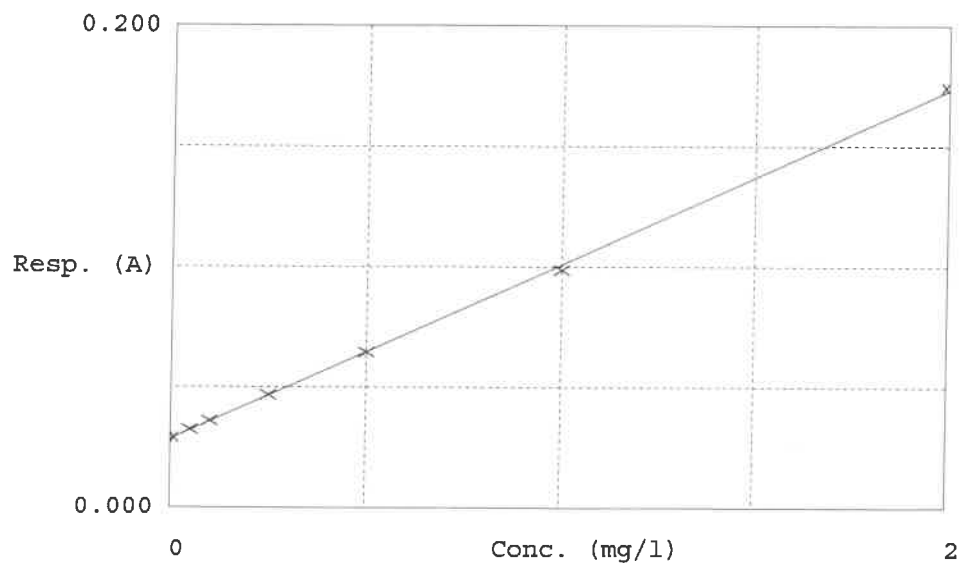
Test Phenolics-

Accepted 11/14/2023 10:15

Factor 13.8  
Bias 0.029

Coeff. of det. 0.999584

Errors



|   | Calibrator | Response | Calc. con. | Conc.  | Errors |
|---|------------|----------|------------|--------|--------|
| 1 | 0.00PPM    | 0.029    | 0.0065     | 0.0000 | -      |
| 2 | Phenol-2   | 0.032    | 0.0548     | 0.0500 | 9.6    |
| 3 | Phenol-2   | 0.036    | 0.1034     | 0.1000 | 3.4    |
| 4 | Phenol-2   | 0.047    | 0.2530     | 0.2500 | 1.2    |
| 5 | Phenol-2   | 0.065    | 0.4980     | 0.5000 | -0.4   |
| 6 | Phenol-2   | 0.099    | 0.9687     | 1.0000 | -3.1   |
| 7 | Phenol-2   | 0.175    | 2.0155     | 2.0000 | 0.8    |

11/14/2023  
RM