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SIGMA KULA D.O.O.

STUDY REPORT

2022-12912/22 23 00416

Aqualor H5000

SUSPENSION TEST
ACCORDING TO EN 17126:2018
(Phase 2 step 1)

Chemical disinfectants and antiseptics
Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants in the medical area – Test method and requirements (phase 2, step 1)

NOVEMBER 2022

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SPORICIDAL ACTIVITY FOR SURFACE DISINFECTION PRODUCTS

The product shall be deemed to have passed EN 17126 if it demonstrates in a valid test for surface disinfection products at least a 4 lg reduction within 15 min or 60 min for products used on surfaces which do not require an action within 15 min or shorter at min 4 °C and max. 30°C with the chosen interfering substance (clean or dirty conditions) under the conditions defined by this standard when the test organisms *Bacillus subtilis* spores and *Bacillus cereus* spores for sporicidal activity.

METHODOLOGY ABSTRACT

A test suspension of bacterial spores is tested against a product test solution at three different concentrations with the presence of interfering substance. The mixture is maintained at 20°C ±1°C for 15 minutes. At the end of this contact time, an aliquot is taken, and the sporicidal activity in this portion is immediately neutralized or suppressed. The numbers of surviving flora are determined and the log reduction is calculated.

CONCLUSION

The product under test: "Aqualor H5000" demonstrated sporicidal activity for surface disinfection according to EN 17126:2018 (≥ 4 log reduction), when tested at 20 ± 1 °C under clean conditions at product concentration:

Undiluted (80%) for 15 minutes contact time using as test organisms the reference strains: *Bacillus subtilis* and *Bacillus cereus.*

For the QACS Ltd Laboratory

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Date: 09/11/2022

RESULTS AUTHENTICITY

The study concerned by this report was carried out according to the experimental protocol, under responsibility and quality plan of the QACS Ltd laboratory. All the observations and data recorded during this trial are reported in this study report.

Results refer to the sample as received and analyzed on the period specified above.
The test report shall not be reproduced except in full, without written approval of the laboratory.
The samples will be stored by the laboratory during 1 month from the end test date.
The study report and raw data will be stored by the laboratory for 5 years.

End of Test Report