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**Efficacy of DENTIRO® Wipes against *Pseudomonas aeruginosa* ATCC 15442, *Staphylococcus aureus* ATCC 6538, and *Enterococcus hirae* ATCC 10541 in a quantitative suspension test at 20 °C according to EN 13727:2012+A2:2015 (E) under dirty condition**

## EXPERT OPINION

This expert opinion is based on the test report VX-TR-17-0070 dated 3 October 2017.

The bactericidal activity of the disinfectant DENTIRO® Wipes of Oro Clean Chemie AG against *Pseudomonas aeruginosa* ATCC 15442, *Staphylococcus aureus* ATCC 6538, and *Enterococcus hirae* ATCC 10541 was investigated by a quantitative suspension test according to EN 13727:2012+A2:2015 (E) under dirty condition (3.00 g/L bovine albumin solution and 3.00 ml/L sheep erythrocytes).

According to this suspension test, a disinfectant or a disinfectant solution at a particular concentration is considered as having bactericidal activity if the number of viable bacteria is reduced by  $\geq 5 \log_{10}$  (inactivation  $\geq 99.999\%$ ) within the recommended exposure period.

DENTIRO® Wipes was examined at 20 °C at the concentration of 100.00 %\* for the exposure times of 15, 30, and 60 seconds. After the exposure times, the bacterial reduction exceeded 5  $\log_{10}$ -steps in all assays. Therefore, a bactericidal activity against *Pseudomonas aeruginosa* ATCC 15442, *Staphylococcus aureus* ATCC 6538, and *Enterococcus hirae* ATCC 10541 was measured as follows:

Dirty condition	100.00 %*	15 seconds
Dirty condition	100.00 %*	30 seconds
Dirty condition	100.00 %*	60 seconds

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\* The product can only be tested at 80.00 % concentration or less, as some dilution always occurs when test organisms and interfering substance are added.