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Schülke & Mayr GmbH
Robert-Koch-Str. 2
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desderman care

LS-Code: 0505313

Certificate

(Version 01)

**for the evaluation of mycobactericidal efficacy
within the quantitative suspension test according to EN 14348**

1. Results of the in vitro tests

(performed according to EN 14348 „Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants in the medical area including instrument disinfectants“, dated: 04/2005).

In the quantitative suspension test according to EN 14348 (dated: 04/2005) the product **desderman care** showed at the following concentration-/time-relations the required efficacy of ≥ 4 log-levels within contact times of 15 seconds, 30 seconds and 60 seconds under clean resp. dirty conditions against the test strains *M. terrae* and *M. avium* (see test report of 13.02.2017; LS-Code: 0505313).

The results of the validation tests A and B proved the validity of the method in all cases. In the validation test C an incomplete inactivation was detected in the neutralisation controls as well as the test neutralisation mixtures of the test solutions. Accordingly, the dilution which demonstrated adequate inactivation – and thus valid results – was used in the calculation for microbial count reduction.

2. Evaluation and recommendation for use

The product **desderman care** showed under in vitro conditions, that it met the requirements of a suitable disinfectant.

For use of desderman care according to EN 14348 we recommend the following concentration-time-relation:

Mycobactericidal activity under clean conditions (0.03% albumin):

97%	15 seconds
80%	30 seconds and 60 seconds
50%	30 seconds and 60 seconds

Tuberculocidal activity under clean conditions (0.03% albumin):

80%	15 seconds, 30 seconds and 60 seconds
50%	30 seconds and 60 seconds

Mycobactericidal activity under dirty conditions (0.3% albumin + 0.3% sheep erythrocytes):

80%	15 seconds, 30 seconds and 60 seconds
50%	30 seconds and 60 seconds

Tuberculocidal activity under dirty conditions (0.3% albumin + 0.3% sheep erythrocytes):

80%	15 seconds, 30 seconds and 60 seconds
50%	30 seconds and 60 seconds

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