



Test report no L20/0707.1

Quantitative test method for the evaluation of bactericidal and yeasticidal activity of **Desi Wipes** on non-porous surfaces with mechanical action employing wipes in the medical area according to DIN EN 16615:2015 (Phase 2, step 2)*

In accordance with your order, we tested the preparation **Desi Wipes** for its activity in the quantitative surface test according to DIN EN 16615:2015* under clean conditions.

1 General Information and Material

1.1 Client

Client: CleaningBox GmbH, Mr Fleischhauer, Europaplatz 7,
DE – 99091 Erfurt, Germany

Date of order: 22/05/2020

Confirmation no.: 215088

1.2 Identification of Test Laboratory

Location: Dr. Brill + Partner GmbH · Institute for Hygiene and Microbiology,
Stiegstück 34, DE-22339 Hamburg, Germany

Study manager: Dipl.-Biol. Dr. rer. nat. Jan-Hendrik Klock

Scientific assistant: Dipl.-Biol. Henrik Gabriel

Laboratory technicians: Martina Müller

1.3 Table of Contents

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1.4 Identification of Sample

Name of product: **Desi Wipes**

* Test procedure accredited according to DIN EN ISO/IEC 17025. Test report issued by Dr. Brill + Partner GmbH, Stiegstück 34, DE - 22339 Hamburg, Germany, Telephone +49. 40. 557631-0, Telefax +49. 40. 557631-11, www.brillhygiene.com. No copying or transmission, in whole or in part, of this test report without the explicit prior written permission. The test results exclusively apply to the tested samples. Information on measurement uncertainty and Version history on request. © Dr. Brill + Partner GmbH 2020



Batch no.: 200164
Manufacturer: CleaningBox GmbH, Erfurt, Germany
Date of delivery: 27/05/2020
Storage conditions: room temperature and darkness
Appearance of product: pre-soaked wipes
Odour: characteristic
Product type: Ready to use Product with presoaked wipes
Recommended diluent: Product is ready for use
Diluent used: water of standardised hardness (WSH, pH 7.0)
Active agents (Manufacturer's data): 70 % (w/w) Ethanol

1.5 Test Conditions

Test period: 01/07/ - 07/07/2020
Lab task no.: L20/0707.1+.2
Product test concentrations: 100 %
Exposure time: 1 + 5 minutes
Germ carrier: PVC tile, 20 cm x 50 cm
Test temperature: 20°C ± 1°C
Incubation temperature: 36°C ± 1°C
Organic load: clean conditions (0.3 g/L bovine albumin)
Standard wipe: Tork Premium Special Wipes (SCA Tork), 17.5 x 28 cm, No. 90491
Impregnation volume: 16 ml
Impregnation time: min. 30 minutes
Neutraliser: 30 g/L polysorbate 80, 30 g/L saponine, 3 g/L lecithin, 1 g/L histidine, (TLSH-Nt)
Test organisms: *Enterococcus hirae* ATCC 10541

2 Methods

The tests were carried out according to EN 16615:2015 "Chemical disinfectants and antiseptics - Quantitative test method for the evaluation of bactericidal and yeasticidal activity on non-porous surfaces with mechanical action employing wipes in the medical area (4-field test) -Test method and requirements (phase 2, step 2)".

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The use conditions are defined in chapter 1.5. The screening test was accomplished with *E. hirae* as single test bacterium.

3 Results

The test results based on DIN EN 16615: 2015 are summarised in tables 1.

The test bacterium *E. hirae* was sufficiently (Bacteria RF ≥ 5 ; cell counts on test fields 2-4 below 50 KBE/25cm², wipe control above 10 KBE/25cm²) inactivated with the following concentration-time relationship:

<i>E. hirae</i> :	clean conditions	100 %	5 minutes
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Hamburg, 09/07/2020

Dipl.-Biol. Dr. rer. nat. Jan-Hendrik Klock
Study Manager

Dipl.-Biol. Henrik Gabriel
Head of Laboratory



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