



## Certificate of Antimicrobial Efficacy

Herewith, we are concluding, that Oboxo disinfection chamber has undergone extensive verification which showed 99,999 % bacterial and 99,99% yeast elimination in clean conditions at 20 °C.

The contact time was as follows:

- 10 min for *Escherichia coli*, *Pseudomonas aeruginosa* and *Candida albicans*
- 60 min for *Enterococcus hirae*, *Staphylococcus aureus* and *Acinetobacter baumannii*.

The efficiency testing was performed in accordance to the EN ISO 17272:2020.

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**MICROBIUM**

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Detection and elimination of microbes

## Annex to certificate

The product Oboxo disinfection chamber of the company Mediline (Perovo 30, SI-1241 Kamnik) has been subjected to extensive verification against the following bacteria *Pseudomonas aeruginosa* DSM 939, *Staphylococcus aureus* ATCC 6538, *Enterococcus hirae* ATCC 10541, *Escherichia coli* DSM18039, *Acinetobacter baumannii* DSM 3000, and yeast *Candida albicans* ATCC 10231.

The validation procedure has been performed according to the principles of the reference standard EN ISO 17272:2020; Chemical disinfectants and antiseptics - Methods of airborne room disinfection by automated process - Determination of bactericidal, mycobactericidal, sporicidal, fungicidal, yeasticidal, virucidal and phagocidal activities.

The Table below indicates the testing conditions (temperature and contact time) and the reduction percentage of the indicated microorganisms:

Species	Condition	Contact time	Reduction percentage
<i>Pseudomonas aeruginosa</i> DSM 939	Clean	10 min	99,999 %
<i>Staphylococcus aureus</i> ATCC 6538	Clean	60 min	99,999 %
<i>Enterococcus hirae</i> ATCC 10541	Clean	60 min	99,999 %
<i>Escherichia coli</i> DSM18039	Clean	10 min	99,999%
<i>Acinetobacter baumannii</i> DSM 30007	Clean	60 min	99,999%
<i>Candida albicans</i> ATCC 10231	Clean	10min	99,99 %

The standard ISO 17272:2020 provides requirements of 99,999% reduction for bacterial test strains *E. hirae*, *S. aureus*, *P. aeruginosa* and *A. baumannii* and 99,99% reduction for the yeast *C. albicans*. The provided results thus conform to the requirements of the standard EN ISO 17272:2020.

Based on the provided results, we hereby confirm the bactericidal and yeasticidal efficacy of Oboxo disinfection chamber of the company Mediline (Perovo 30, SI-1241 Kamnik), both of which which meet the requirements of EN ISO 17272:2020.

For details, see Test report 2021-10/15-21/0088-M.

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