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Hamburg, 18 January 2020


Summary of bactericidal, yeasticidal and virucidal efficacy test data of OZ2000 based on EN 17272

The summary at hand was prepared at the request of the manufacturer JIMCO A/S. The reason for the enquiry was to present the scope of the demonstrated bactericidal, yeasticidal and virucidal efficacy test data of FLO-D mini mark 2 in efficacy tests according to „Chemical disinfectants and antiseptics - Methods of airborne room disinfection by automated process - Determination of bactericidal, mycobactericidal, sporicidal, fungicidal, yeasticidal, virucidal and phagocidal activities; German version EN 17272:2020 “.

The achieved activity of **OZ2000** in tests performed according to EN 17272 does not comply with the requirements of EN 17272 regarding the scope of the evaluated test organisms and test viruses, and in relation to the required reduction factors that were achieved. At the request of the manufacturer JIMCO A/S, the actual reduction values achieved outside the standard requirements against selected test organisms or test viruses are presented below. This evaluation is based on the test reports L20/1055.1 dated 05/10/2020 and L20/1055MV.1 dated 19/08/2020, issued by Dr. Brill + Partner GmbH.

The following reduction factors were achieved:

Test organism	Room size	Organic load	Contact time	Required RF [log]	Achieved RF [log]	Achieved reduction in %
Vaccinia virus Ankara (MVA)	62,48 m ³	0,03 % BSA	240 min	4	2,63	99,766 %
<i>Staphylococcus aureus</i>	62,48 m ³	0,03 % BSA	240 min	5	1,66	97,812 %
<i>Enterococcus hirae</i>	62,48 m ³	0,03 % BSA	240 min	5	0,97	83,782 %
<i>Escherichia coli</i>	62,48 m ³	0,03 % BSA	240 min	5	1,39	95,926 %
<i>Acinetobacter baumannii</i>	62,48 m ³	0,03 % BSA	240 min	5	2,11	99,224 %
<i>Candida albicans</i>	62,48 m ³	0,03 % BSA	240 min	5	1,95	98,878 %


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The following reduction factors were achieved:

Test organism	Room size	Organic load	Contact time	Required RF [log]	Achieved RF [log]	Achieved reduction in %
Vaccinia virus Ankara (MVA)	62,48 m ³	0,03 % BSA	180 min	4	4,03	99,991 %
<i>Staphylococcus aureus</i>	62,48 m ³	0,03 % BSA	180 min	5	3,57	99,973 %
<i>Enterococcus hirae</i>	62,48 m ³	0,03 % BSA	180 min	5	2,07	99,149 %
<i>Escherichia coli</i>	62,48 m ³	0,03 % BSA	180 min	5	2,92	99,880 %
<i>Pseudomonas aeruginosa</i>	62,48 m ³	0,03 % BSA	180 min	5	2,99	99,898 %
<i>Candida albicans</i>	62,48 m ³	0,03 % BSA	180 min	5	1,90	98,741 %



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