



# Certificate

## Bactericidal Efficacy of the Steam Cleaner SC 2 with floor nozzle EasyFix

of the company

Alfred Kärcher GmbH & Co. KG, Alfred-Kärcher-Str. 28-40, 71364 Winnenden

based on the standardised process of the 4-Field-Test

At the request of Alfred Kärcher GmbH & Co. KG Winnenden, the bactericidal efficacy of the Steam Cleaner **SC 2** with floor nozzle EasyFix was tested. The simulation of practical conditions using the standardised process of the modified 4-Field-Test was applied. Therefore, the bactericidal efficacy of the Steam Cleaner **SC 2** was evaluated under clean conditions. All of the fields were cleaned at a speed of 30 cm/s during the wiping process.

Steam Cleaner <b>SC 2</b> with floor nozzle EasyFix (Alfred Kärcher GmbH & Co. KG)		<b>Log-reduction</b>  <b>5.54 log<sub>10</sub></b>  <b>≥ 99.999%</b>
Device setting	newly developed floor nozzle EasyFix with two extension tubes for polyester microfiber mops with hook-and-loop fastener	
Test procedure	4-Field-Test (based on DIN EN 16615:2015-06) , contact plates for surface sampling of the microfiber mop	
Methodical approach	practical application: steam operation	
Test organism	<i>Enterococcus hirae</i> ATCC 10541 (intestinal bacteria resistant against higher temperatures)	
Interfering substance	clean conditions	
Test surface	FOREX® classic	
Wipe	100% polyester microfiber mop (12 cm x 32 cm)	
Speed	30 cm/s	

The Steam Cleaner **SC 2** demonstrated a 5.54 log reduction (≥ 99.999%) of the test organism *Enterococcus hirae* ATCC 10541 in two independent test runs.

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PD Dr. rer. nat. Maren Eggers