


SIMICON 	
Quality certificate	
Biological indicators SIMICON ST/DA-V6	
Biological indicators in compliance with ISO 11138-3 for steam sterilization at 121 °C/134 °C.	
Organism:	Geobacillus stearothermophilus spores ATCC 7953
Mean population (cfu):	2,0 × 10 ⁶ determined by using agar surface method (TSA-Oxoid)
Carrier:	filter paper
Packaging:	paper / foil
Lot:	V211022
Expiration date:	11.2024
D _{121°C} – Value:	2,2 min
z-value:	8,9 °C
Survival time:	D-value x (log cfu – 2)
Kill time:	D-value x (log cfu + 4)
All data are determined at time of manufacturing. Resistance data all determined according to ISO 11138 and are only reproducible when exposed and cultured under the exact conditions used to obtain results report here. Results may vary under different test conditions.	
Incubation:	7 days at 56 °C ± 2 °C in CSB
Storage:	at + 18 °C to + 25 °C and rel. humidity from 35 % to 70 % Protect from light and sterilants.
Do not use after expiration date. Sterilize all cultures before disposal.	
Date: 05.12.2022	Release: P.Barone
SIMICON GMBH • Sigmund-Riefler-Bogen 19 • D - 81829 München Tel.: +49 / (0)89 / 67 33 66 0 • Fax: +49 / (0)89 / 67 33 66 22	

<p>05.12.2022</p> <hr/> <p style="text-align: center;">Date</p>	<div style="text-align: right;">  <p>SIMICON</p> <p>Hygiene & Mikrobiologie</p> <p><i>P. Barone</i></p> </div> <div style="border: 1px solid black; padding: 2px; width: fit-content; margin-left: auto;"> <p>SIMICON GMBH Sigmund-Riefler-Bogen 19 81829 München Tel.: +49-89-673366-0 Fax: +49-89-673366-22</p> </div> <hr/> <p style="text-align: center;">Stamp / Signature</p>
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