

Quality certificate

Biological indicators ST/DA

Biological indicator in compliance with ISO 11138-3 for steam sterilization at 121 °C/134 °C.

Organism: *Geobacillus stearothermophilus* spores ATCC 7953

Mean population (cfu): $1,6 \times 10^6$
determined by using agar surface method (TSA-Oxoid)

Carrier material: filter paper

Package: paper / foil

Lot: 220824

Expiration date: 09.2026

D_{121 °C}-value: 1,8 min

z-value: 7,2 °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.

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: 18.12.2024

Release: P. Barone

18.12.2024

Date



Stamp / Signature

OK
2025.01.06
TDG