



Certificate of Analysis

1.10274.0002 Sterikon® plus Bioindicator for checks on autoclaving
Batch Z0957874

	Spec. Values	Batch Values
Appearance	opalescent and reddish violet	passes test
Number of viable spores per ampule	$5.0 \cdot 10^5 - 1.0 \cdot 10^7$	$9.9 \cdot 10^5$
Growth (35 °C)	no growth	passes test
Growth (60 °C)	growth	passes test
Performance test (6 min, 121 °C)	Survival time 6 min/121 °C	passes test
Performance test (15 min, 121 °C)	Kill time 15 min/121 °C	passes test
D value (121 °C)	1.5 - 2.0 min	1.7 min
Z value	7.0 - 10.0 °C	9.4 °C
Identity	Geobacillus stearo- thermophilus ATCC 7953	passes test

The determination of the D-value is based on the Stumbo-Murphy-Cochran method.

The identity control is carried out via MicroSeq-System.

Organism: *Geobacillus stearothermophilus* ATCC 7953 (sporulation optimized).

Ampoules: 2 ml.

Storage temperature: +2° to +8°C.

Date of release (DD.MM.YYYY) 23.07.2025

Expiry date (DD.MM.YYYY) 18.12.2026

Dr. Lukas Mechler

Responsible laboratory manager quality control

This document has been produced electronically and is valid without a signature.