

Product Specification

Spore Strip-Dual Species

Product Description

Spore Strips consist of a paper spore strip inoculated with a sterilization-resistant spore population which are packaged in a glassine envelope. The glassine envelope serves as a microbial barrier which protects the spore strip from post sterilization contamination. Reduced incubation time available with appropriate conditions.

Technical Parameters

Organism	<i>Geobacillus stearothermophilus</i> 7953 ¹ and <i>Bacillus atrophaeus</i> 9372 ¹
Spore Count	≥1.0 x 10 ⁵ (GST) ≥1.0 x 10 ⁶ (BATR)
D-Value	D ₁₆₀ -value: ≥1.0 minutes D _{EtO} -value: ≥2.0 minutes D ₁₂₁ -value: ≥1.5 minutes
Z-Value	≥6 °C (GST) ≥20°C (BATR)
Standard Incubation	Steam/Chemiclave: Time: 7 days Temp: 55-60°C Media: Tryptic Soy Broth or Mesa TSB-BP16
	EO/Dry Heat: Time: 7 days Temp: 30-35°C Media: Tryptic Soy Broth or Mesa TSB-BP16
Reduced Incubation Time (RIT)²	Steam: Time: 24 hrs. Temp: 58-62°C Media: Mesa TSB-BP16
	Chemiclave: Time: 72 hrs. Temp: 58-62°C Media: Mesa TSB-BP16
Storage	15-27°C at 30-70%RH. Do not refrigerate.
Shelf-Life	18 months from date of manufacture
Nominal Dimensions	Strip: 6 x 38mm
	Envelope: 25 x 76mm

¹ or equivalent recognized culture collection strains

Indications for Use

Spore Strip Dual Species is a biological indicator used in monitoring the efficacy of Steam sterilization, Chemiclave[®] sterilization, Ethylene Oxide sterilization, or Dry Heat sterilization processes.

Packaging

Spore Strips are available in bags of 100 or 1000 individually wrapped glassine strips.

Labeling

- The glassine envelopes are labeled with product type, organism, lot number and expiration date.
- Each bag contains a self-adhesive label on the outside to further identify the product.

Reorder Information

- 5-5100T (100/bag)
- 5-1000T (1000/bag)
- 5-1000C (1000/bag control strips)
- TSB-BP16 (RIT media x 100 tubes)



² Reduced incubation time dependent on use of Mesa TSB-BP16 and appropriate temperature.