

Product Specification

Spore Suspension *Bacillus atrophaeus* 9372

Product Description

Spore Suspension *Bacillus atrophaeus* contains sterilization resistant spores in solution. Spore Suspensions come in a 10mL Wheaton vial with a rubber stopper. Spore Suspensions have a colored aluminum crimp seal to help easily identify species.

Technical Parameters

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|---|--|
| Organism | <i>Bacillus atrophaeus</i> 9372 ¹ |
| Spore Count Options (per 0.1mL) | ≥1.0 x 10 ⁴ ≥1.0 x 10 ⁵ ≥1.0 x 10 ⁶ ≥1.0 x 10 ⁷ ≥1.0 x 10 ⁸ |
| D-Value | D ₁₆₀ -value: ≥1.0 minutes D _{EtO} -value: ≥2.0 minutes |
| Z-Value | Dry Heat Only: ≥20 °C* |
| *Reference D-Value and Z-Value from a paper strip | |
| Diluent | 40% ethanol |
| Storage | (-25° to -10° C) |
| Incubation | Temperature: 30-35°C Media: SCDB |
| Shelf-Life | 24 months from date of manufacture |
| Nominal Dimensions | Volume: 10mL |



Indications for Use

Spore Suspension *Bacillus atrophaeus* is a calibrated suspension of bacterial spores appropriate for direct inoculation of products or choice of substrate for monitoring dry heat and EtO sterilization processes.

Packaging

Spore Suspension *Bacillus atrophaeus* comes in individual 10mL vials with a red aluminum crimp seal. Each vial is packaged in a clear plastic bag.

Labeling

- Vials are labeled with species, storage conditions, lot number, and population spore count.

Reorder Information

- SSGE/4 (10⁴)
- SSGE/5 (10⁵)
- SSGE/6 (10⁶)
- SSGE/7 (10⁷)
- SSGE/8 (10⁸)



¹ or equivalent recognized culture collection strain