

Product Specification

Spore Suspension *Bacillus pumilus* 27142

Product Description

Spore Suspension *Bacillus pumilus* 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

Organism	<i>Bacillus pumilus</i> 27142 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	1.2 kGy*
Z-Value	NA*
*Reference D-Value from a paper strip	
Diluent	40% ethanol (EtOH)
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 pumilus* is a calibrated suspension of bacterial spores appropriate for direct inoculation of products or choice of substrate for monitoring radiation sterilization processes.

Packaging

Spore Suspension *Bacillus pumilus* comes in individual 10mL vials with a green 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

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



¹ or equivalent recognized culture collection strain