

Product Specification

Spore Suspension *Bacillus smithii* 51232

Product Description

Spore Suspension *Bacillus smithii* 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 smithii</i> 51232 ¹
Spore Count (per 0.1mL)	$\geq 1.0 \times 10^7$
D-Value	No standard range
Z-Value	NA
*Reference D-Value from ampoules containing Water For Injection	
Diluent	20% ethanol (EtOH)
Storage	2° to 8° C
Incubation	Temperature: 48-52°C Media: SCDB
Shelf-Life	24 months from date of manufacture
Nominal Dimensions	Volume: 10mL



Indications for Use

Spore Suspension *Bacillus smithii* is a calibrated suspension of bacterial spores appropriate for direct inoculation of products or choice of substrate for monitoring low temperature steam sterilization processes.

Packaging

Spore Suspension *Bacillus smithii* 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

- SSSME/7 (10⁷)



¹ or equivalent recognized culture collection strain