

Product Specification

Apex Spore Suspension *Geobacillus stearothermophilus* 7953 or 12980

Product Description

Apex Spore Suspension *Geobacillus stearothermophilus* contains sterilization resistant spores in solution. Apex 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>Geobacillus stearothermophilus</i> 7953 ¹ or 12980 ¹
Spore Count (per 0.1mL)	$\geq 1.0 \times 10^7$
Typical D-Value	No standard range
Z-Value	NA
*Reference D-Value from a stainless-steel carrier	
Diluent	LAU-196 = 29% ethanol LPT-606 = 40% ethanol
Storage	LAU-196 = 2-8°C LPT-606 = -25 to -10°C
Incubation	Time: 7 days Temperature: 55-60°C Media: SCDB
Shelf-Life	15 months from date of manufacture
Nominal Dimensions	Volume: 10mL



Indications for Use

Apex Spore Suspensions are calibrated suspensions of bacterial spores appropriate for direct inoculation of products or choice of substrate for monitoring the pharmaceutical, food, and medical device industries utilizing hydrogen peroxide vapor sterilization.

Packaging

Apex Spore Suspension *Geobacillus stearothermophilus* comes in individual 10mL vials with a purple 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

- LPT-606 (10^7 , 7953)
- LAU-196 (10^7 , 12980)



¹ or equivalent recognized culture collection strain