

Product Specification

Spore Suspension *Bacillus subtilis* 5230

Product Description

Spore Suspension *Bacillus subtilis* 5230 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 subtilis</i> "5230" ATCC- 35021 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	No standard range*
Z-Value	No standard range*
*Reference D-Value and Z-Value from a paper strip	
Diluent	40% ethanol (EtOH) 10 ⁷ population also available in purified H ₂ O
Storage	EtOH: -25° to -10°C H ₂ O: 2-8°C
Incubation	Temperature: 30-35°C Media: SCDB
Shelf-Life	EtOH: 24 months from date of manufacture H ₂ O: 12 months from date of manufacture
Nominal Dimensions	Volume: 10mL



¹ or equivalent recognized culture collection strain

Indications for Use

Spore Suspension *Bacillus subtilis* 5230 is a calibrated suspension of bacterial spores appropriate for direct inoculation of products or choice of substrate for monitoring low temperature steam sterilization processes of heat sensitive products.

Packaging

Spore Suspension *Bacillus subtilis* 5230 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

- SS5230E/4 (10⁴)
- SS5230E/5 (10⁵)
- SS5230E/6 (10⁶)
- SS5230E/7 (10⁷)
- SS5230A/7 (10⁷, aqueous)
- SS5230E/8 (10⁸)

