

Technical Data Sheet | NAMSA Order Code:
SA1-15-04, SA1-50-04, SA1-15-05, SA1-50-05,
SA1-15-06, SA1-50-06

Spore Ampoules: *Geobacillus stearothermophilus* (Steam)

Physical Properties

Organism	<i>Geobacillus stearothermophilus</i> cell line 7953
Description	Hermetically sealed Type I borosilicate glass containing modified Soybean Casein Digest Broth (SCDB) with bromocresol purple pH indicator and specified population of spores.
Volume	1 mL

Guidelines for Use

Application	Steam sterilization at 121°C. Ideal for liquid sterilization cycles but are also suitable for use in non-liquid exposures.
Shelf Life	24 months from date of manufacture
Activation	No activation required. Following exposure, place ampoules into incubation at 61°C ± 2°C.
Incubation	Place into 61°C ± 2°C incubator for a minimum of 48 hours. Examine for growth (turbidity or color change), discard positive ampoules.
Growth Indicator	The acid production associated with bacterial growth causes a shift in the color of the culture medium from purple to yellow.
Storage Conditions	Refrigerated conditions 2 - 8°C. Protect from sterilizing agents, direct sunlight and exposure to high temperatures.
Clean Up/Disposal	Autoclave for not less than 30 minutes at 121°C or per validated disposal cycle prior to discard.

Performance Characteristics

Population	1.0 to 6.0 x 10 ⁶ per ampoule. Available in population levels 10 ⁴ , 10 ⁵ or 10 ⁶
Steam D-value (121°C)	1.5 to 3.0 minutes
Compliance	ANSI/AAMI/ISO/EN and USP (where applicable)

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