

Biological Indicators

Technical Data Sheet

Spore Suspensions: *Bacillus pumilus*

NAMSA Order Code:
SUP-02, SUP-03, SUP-04,
SUP-05, SUP-06, SUP-07, SUP-08

Physical Properties

Organism	<i>Bacillus Pumilus</i>
Description	Pure suspensions of viable spores with a known population and resistance to Radiation Sterilization Processes.
Suspension Volume	10 mL suspended Water For Injection. Suspension of WFI and Ethanol mixtures also available upon request.

Guidelines for Use

Application	For direct inoculation onto samples for exposure to Radiation Sterilization Processes.
Shelf Life	24 months from date of manufacture
Incubation	Incubate at 30-35°C
Storage Conditions	Refrigeration (2-8°C). Protect from sterilizing agents, direct sunlight and 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 3.0 x 10 ² - 10 ⁸ spores per 0.1 mL
EO D-value (600 mg/L EO 54°C, 60% RH)	2.5 minutes to 5.8 minutes
Cobalt-60 Radiation	1.0 mrads to 0.20 mrads
Compliance	USP (where applicable)

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