

SELF-CONTAINED BIOLOGICAL INDICATOR (SCBI)

Bacillus atrophaeus (EO)



PHYSICAL PROPERTIES	
Organism	<i>Bacillus atrophaeus</i>
Description	Vial containing spore disc and culture medium encased in a glass ampule with bromothymol blue functioning as a pH indicator.
SCBI Dimensions	0.4" x 2.4" (1.05 cm x 6.0 cm)
GUIDELINES FOR USE	
Application	EO sterilization and Dry heat at 160° C with restrictions related to exposure time.
Shelf Life	Labeled with the shorter shelf life of the two components, inoculated discs and media ampule, which have independent expiration periods.
Activation	Following exposure, seal the cap by pressing down firmly until the media ampule is crushed.
Incubation	Place activated SCBIs into 30–35°C incubator for a minimum of 48 hours. Examine for growth (turbidity or color change), discard SCBIs immediately, prolonged incubation may have adverse positive effects.
Growth Indicator	The acid production associated with bacterial growth causes a shift in the color of the culture medium from green to yellow.
Storage Conditions	Room temperature 15-30°C. Protect from sterilizing agents and direct sunlight. Do not refrigerate or freeze.
Clean Up/Disposal	Autoclave SCBIs for 30 minutes at 121°C or per validated disposal cycle prior to discard.
PERFORMANCE CHARACTERISTICS	
Population	1.0 to 4.0 x 10 ⁶ per 6 mm spore disc
EO D-value	2.5 to 5.8 minutes
Compliance	ANSI/AAMI/ISO/EN
Result Availability	48 Hours

For additional product information: 6750 Wales Road
Please visit us at www.namsa.com Northwood, Ohio 43619
Email us at productorders@namsa.com T 419-662-4345
Call us at 800-860-1888 (toll free) F 419-666-1715