

Spore suspension *Bacillus atrophaeus* in Aqua dest.

Product information

Field of application:	The spore suspension <i>Bacillus atrophaeus</i> in Aqua dest. is suitable for the inoculation of products for the biological performance evaluation of sterilization processes.
Specifications:	<p><i>Organism: Bacillus atrophaeus</i></p> <p><i>Mean population (cfu/ml): $\geq 10^7 / 10^8 / 10^9$</i></p> <p><i>Suspension medium: Aqua dest.</i></p> <p><i>Shelf life: 6 months from the date of manufacturing</i></p>
Conformity:	<p>All data are determined at time of manufacturing.</p> <p>Resistance data all determined according to ISO 11138 and are only reproducible when exposed and cultured under the exact same conditions used to obtain results specified above.</p> <p>Determined by using carrier material (filter paper) according to USP XXII and ISO 11138-2.</p>
Storage:	at $-18\text{ °C} \pm 3\text{ °C}$
Disposal:	After sterilization
Packing unit:	5 ml, 10 ml
Order No:	SPW8101-7, SPW8102-8, SPW8103-9

Example of use:

1. Mix suspension well before use (minimum 2 min Vortex or ultrasonic).
2. Inoculate the test objects with the suspension in the desired concentration, dry and if necessary pack them afterwards.
3. Place the inoculated test objects in the sterilizer and start the selected program.
4. When the program is finished, take out the test objects and analyse them according to ISO 11737.
5. Incubation: 2-7 days at $33\text{ °C} \pm 3\text{ °C}$
6. Examine and check all test objects for growth of the test organism daily.
7. Note down the results. The results are only valid, if the growth control shows typical growth.