

# Biological indicator SIMICON OX for H<sub>2</sub>O<sub>2</sub> decontamination

## Product information

**Field of application:** SIMICON OX is a biological indicator, which is designed for validation and routine control of H<sub>2</sub>O<sub>2</sub> decontamination processes in decontamination areas.

**Features:** SIMICON OX indicators contain populations of *Geobacillus stearothermophilus*.

**Conformity:** Biological indicator SIMICON OX in compliance with the requirements of ISO 14937.

**Specifications:**  
*Organism: Geobacillus stearothermophilus*  
*Mean population (cfu): ≥ 10<sup>6</sup>*  
*Carrier material: stainless steel*  
*Primary packaging: tyvek*  
*Shelf life: 6 months from the date of manufacturing*

**Storage:** Store at + 4 °C to + 25 °C  
35 % to 70 % rel. humidity

**Disposal:** After sterilization

**Packing unit:** 10, 50 pcs

**Order No:** BI-OX-2200-6-V4A

### Example of use:

1. Take the biological indicator out of the pouch and place it at representative positions in the decontamination airlock or laminar flow. The contaminated side of the indicator has to face upside. In the primary packaging the contaminated side always faces towards the white tyvek side.
2. One indicator is meant to be a growth and transport control. Do not sterilize the control indicator.
3. Start the decontamination procedure.
4. When the decontamination process is finished transfer the sterilized indicators and the growth control indicator aseptically into tubes with 7-10 ml TSB nutrient solution.
5. Incubate the indicators for 7 days at a temperature of 56 °C ± 2 K.
6. Check all tubes for growth of the test organism daily.
7. Note down the results. The results are only valid if the control indicator shows typical growth.
8. Alternatively a colony count determination can also be carried out for the calculation of the reduction factor. Incubate the agar plates (TSA) 2 days at a temperature of 56 °C ± 2 K.