

## Bioindicators for dry heat sterilization – Steri-Test-H

### Product information

<b>Field of application:</b>	Biological indicator for monitoring dry heat sterilization processes
<b>Conformity:</b>	The Steri-Test-H bioindicator fulfils the requirements of DIN EN ISO 11138-1 and -4
<b>Specifications:</b>	Test microorganism: Bacillus atrophaeus ATCC 9372 Colony count (nominal): > 10 <sup>6</sup> CFU Resistance (D-value): ≥ 2.5 min Germ carrier: filter paper Primary packaging: sterilizing paper Shelf life: 24 months from date of manufacture
<b>Resistance determination:</b>	The D-value is determined in accordance with DIN EN ISO 11138-1 (Spearman-Karber method).
<b>Storage:</b>	For transport and storage, temperatures should be kept below 30°C and relative humidity between 30 and 65%. Do not expose bioindicators to direct sunlight.
<b>Disposal:</b>	Unused bioindicators or bioindicators whose shelf life has expired are disposed of by steam sterilization at 121°C – 15 min or 134°C – 5 min without additional packaging or by hot air sterilization for 30 min at 180°C.
<b>Instructions for use:</b>	<p>The bioindicators are distributed evenly in the interior of the sterilizer (without removing the indicator strips from the packaging!). The individual bioindicators should be positioned at the thermodynamically unfavourable locations in or among the items to be sterilized. The distribution pattern is indicated in form of a sketch-map in the test report.</p> <p>The control indicator (red sticker) included in delivery serves as growth test and for verifying storage and transport conditions. This indicator must <b>not</b> be included in sterilization.</p> <p>After completion of the sterilization process, the bioindicators are removed and sent to the microbiological test laboratory together with the control indicator and the completed test report.</p> <p>In order to verify the microbiocidal effect on the test germs, the bioindicators are transferred into 10 ml Soybean Casein digest Broth and incubated for 7 days at 30 – 35 °C.</p> <p>The sterilization process fulfils the microbiological requirements if no growth of Bacillus atrophaeus ATCC 9372 can be detected in any of the samples. The control indicator must show distinct growth of the test germ after 24 hours of cultivating.</p>