

# Product Specification

## MesaStrip-Radiation

### Product Description

MesaStrip Radiation consists of a paper strip inoculated with a sterilization-resistant spore population packaged in a glassine envelope. The glassine envelope serves as a microbial barrier which protects the spore strip from post sterilization contamination.

### Technical Parameters

<b>Organism</b>	<i>Bacillus pumilus</i> 27142 <sup>1</sup>
<b>Spore Count Options</b>	≥1.0 x 10 <sup>6</sup> ≥1.0 x 10 <sup>7</sup>
<b>D-Value</b>	1.2 kGy
<b>Z-Value</b>	N/A
<b>Incubation</b>	Time: 7 days Temperature: 30-35°C Media: SCDB
<b>Storage</b>	Room temperature. Do not desiccate.
<b>Shelf-Life</b>	24 months from date of manufacture
<b>Nominal Dimensions</b>	Strip: 6 x 25mm Envelope: 25 x 76mm

### Indications for Use

MesaStrip Radiation is a biological indicator used in monitoring the efficacy of radiation sterilization processes.

### Packaging

MesaStrips are available in bags of 100 individual glassine-wrapped strips.

### Labeling

- The glassine envelopes are labeled with product type, organism, lot number and expiration date.
- Each bag contains a self-adhesive label on the outside to further identify the product.

### Reorder Information

- SGMR/6 (100 x 10<sup>6</sup> strips in glassine)
- SGMR/7 (100 x 10<sup>7</sup> strips in glassine)



<sup>1</sup> or equivalent recognized culture collection strain