

# Product Specification

## MesaDisc - Steam

### Product Description

MesaDisc Steam consists of a paper disc inoculated with a sterilization-resistant spore population packaged in a glassine envelope, or bulk without an envelope. The glassine envelope serves as a microbial barrier that protects the spore disc from post sterilization contamination.

### Technical Parameters

<b>Organism</b>	<i>Geobacillus stearothermophilus</i> 7953 <sup>1</sup>
<b>Spore Count Options</b>	≥1.0 x 10 <sup>5</sup> ≥1.0 x 10 <sup>6</sup>
<b>D-Value</b>	≥1.5 minutes
<b>Z-Value</b>	≥6 °C
<b>Incubation</b>	Time: 7 days Temperature: 55-60°C Media: SCDB
<b>Storage</b>	Room temperature. Do not desiccate.
<b>Shelf-Life</b>	12 months from date of manufacture
<b>Nominal Dimensions</b>	Disc: 6mm Envelope: 25 x 76mm

### Indications for Use

MesaDisc Steam is an industrial use biological indicator that can be used to monitor the efficacy of steam sterilization cycles across a wide range of temperatures.

### Packaging

MesaDiscs are available in bags of 100 individual glassine-wrapped discs or bulk discs directly packaged into a foil pouch.

### 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

- DS6R/5 (100 x 10<sup>5</sup> discs, bulk)
- DS6R/6 (100 x 10<sup>6</sup> discs, bulk)
- DS6R/6G (100 x 10<sup>6</sup> discs in glassine)



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