

# Product Specification

ProSpore®

## Product Description

ProSpore® is a sealed, glass ampoule containing a prepared media of Soybean-Casein Digest Broth and Bromocresol Purple pH indicator which is inoculated with a sterilization-resistant spore population. When the ampoule is incubated at the appropriate temperature, the organism will grow. The physical characteristic showing growth is a color change from purple to or toward yellow and/or turbidity.

## Technical Parameters

<b>Organism</b>	<i>Geobacillus stearothermophilus</i> 7953 <sup>1</sup>
<b>Spore Count</b>	≥1.0 x 10 <sup>4</sup> ≥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: 48 hrs. Temperature: 55-60°C
<b>Storage</b>	Refrigerate: 2-8°C
<b>Shelf-Life</b>	18 months from date of manufacture
<b>Nominal Dimensions</b>	Diameter: 14.75mm Height: 55mm

## Indications for Use

ProSpore Ampoule is a self-contained biological indicator for steam sterilization ideal for validating/monitoring the sterilization of liquid loads.

## Packaging

ProSpore is contained in a glass ampoule. These glass ampoules are packaged in boxes of 50 or 10. The boxes are made of thick, dual-surfaced chipboard. These boxes have partitions that divide them into equal divisions.

## Labeling

- Each ampoule is labeled with product type, organism, and lot number.
- Each box contains a self-adhesive label on the outside to further identify the product.

## Reorder Information

- PS-4-10 (10<sup>4</sup>, 10/box)
- PS-4-50 (10<sup>4</sup>, 50/box)
- PS-5-10 (10<sup>5</sup>, 10/box)
- PS-5-50 (10<sup>5</sup>, 50/box)
- PS-6-50 (10<sup>6</sup>, 50/box)



<sup>11</sup> or equivalent recognized culture collection strain