

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

| | |
|---------------------------|--|
| Organism | <i>Geobacillus stearothermophilus</i> 7953 ¹ |
| Spore Count | ≥1.0 x 10 ⁴ ≥1.0 x 10 ⁵ ≥1.0 x 10 ⁶ |
| D-Value | ≥1.5 minutes |
| Z-Value | ≥6 °C |
| Incubation | Time: 48 hrs. Temperature: 55-60°C |
| Storage | Refrigerate: 2-8°C |
| Shelf-Life | 18 months from date of manufacture |
| Nominal Dimensions | 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 (10⁴, 10/box)
- PS-4-50 (10⁴, 50/box)
- PS-5-10 (10⁵, 10/box)
- PS-5-50 (10⁵, 50/box)
- PS-6-50 (10⁶, 50/box)



¹¹ or equivalent recognized culture collection strain