

Product Specification

MesaDisc Radiation

Product Description

MesaDisc Radiation is a stainless-steel disc inoculated with *B. pumilus* packaged in clear plastic envelopes.

Technical Parameters

Organism	<i>Bacillus pumilus</i> 27142 ¹
Spore Count	$\geq 1.0 \times 10^3$
Options	$\geq 1.0 \times 10^6$
D-Value	1.2 kGy
Z-Value	N/A
Incubation	Time: 7 days Temperature: 30-35°C Media: SCDB
Storage	Room temperature. Do not desiccate.
Shelf-Life	10 ³ - 6 months from date of manufacture 10 ⁶ -15 months from date of manufacture
Nominal Dimensions	Diameter- 7mm

Indications for Use

MesaDisc Radiation is a biological indicator (BI) used in monitoring the efficacy of radiation sterilization processes.

Packaging

Bag of 100 discs packaged in individual clear plastic envelopes.

Labeling

- Each bag contains a self-adhesive label on the outside to identify the product.

Reorder Information

- DPSSC/3 (10³)
- DPSS/6C (10⁶)



¹ or equivalent recognized culture collection strain