



40828

## D-Mannitol Sterile (Gamma Irradiated)

Part D

CAS : 69-65-8

### Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline powder
Solubility (Colour) 10% aq. solution	Clear, colourless solution
Assay	98.5%
Melting Point	167 - 170%
Chloride (Cl)	Max 0.001%
Sulphate (SO <sub>4</sub> )	Max 0.01%
Iron (Fe)	Max 0.001%
Heavy Metals (Pb)	Max 0.001%
Acidity (CH <sub>3</sub> COOH)	Max 0.005%
Moisture	Max 0.5%
Reducing sugars	Max 0.1%
Sterility (Bacterial count)	No growth is observed at 35-37°C for bacteria and at 25°C for fungi for 14 days
Cultural Response	Inoculate and Incubate at 37°C for 18-24 hours in Phenol Red Broth Base using D-Mannitol Sterile (Gamma irradiated)
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good, Mannitol reaction : + (yellow colour), Gas : +
Organism	Klebsiella pneumoniae ATCC 13883
Inoculum (cfu) 10-100	Growth : Good Mannitol reaction : + (yellow colour) Gas : +
Organism	Proteus vulgaris ATCC 13315
Inoculum (cfu) 10-100	Growth : Good, Mannitol reaction : - (no yellow colour), Gas : ---
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth : Good, Mannitol reaction : + (yellow colour), Gas : --

### Other Information

#### Applications

For use in microbiological applications using D-Mannitol (gamma irradiated) and in Media Fill Runs in dry injectables.

### General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	24 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
5 Kg	29054300 (GST 18%)
500 Gms	29054300 (GST 18%)
Type of Packing	
500 Gms	Plastic Bottle

### Available Packages

500 Gms

5 Kg

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#### Disclaimer

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608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com

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