

Certificate of Quality

The Cellulose Nitrate Membrane Disc Filters have been manufactured in a **mdi** facility in compliance with **ISO 9001** regulations using **validated production processes**.

Pre-sterilized Cellulose Nitrate Membrane Disc Filters

Catalog No.	: CNXX0902XXXX204
Type	: CN-S
Pore Size	: 0.45 µm
Diameter	: 47 mm
Lot Number	: 6667G
Ster. No.	: 115
Expiry Date	: 2020 - 07

LOT RELEASE CRITERIA

The above lot meets the following lot release criteria:

Integrity	: The membrane filter lot has been tested for integrity by Bubble point Test using DI water. Bubble point was: ≥ 32 psi (2.20 Bars)
Water Flow Rate	: ≥ 45 ml/min/cm ² @ 0.70 Kg/cm ² @ 27 °C
Microbial Challenge Test	: Retains $\geq 10^7$ organisms/cm ² of <i>Serratia Marcescens</i> ATCC 14756 challenge.
Sterility	: Samples passed the sterility test in accordance with U.S. Pharmacopoeia.

VALIDATED FOR

Micro organism Recovery	: Percent recovery = $\frac{\text{Membrane Filter Count}}{\text{Spread plate Count}} \times 100 = > 95\%$
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Head of Quality Assurance

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Advanced Microdevices Pvt. Ltd.
21, Industrial Area, Ambala Cantt, INDIA,
Tel: +91-171-2699290/ 2699274
Website: www.mdimembrane.com
Email: info@mdimembrane.com

An ISO 9001 Company