

Certificate of Quality

The Edge hydrophobic Cellulose Nitrate Membrane Disc Filters with **6.0 mm Hydrophobic rim** have been manufactured in a **mdi** facility in compliance with **ISO 9001** regulations using **validated production processes**.

Cellulose Nitrate Membrane Disc Filters

Catalog No. : EHCN0902XXXX104
Type : EHCN
Pore Size : 0.45 µm
Diameter : 47 mm
Lot Number : BH1237777G-2

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/cm² @ 0.70 Kg/cm² @ 27 °C
- Microbial Challenge Test** : Retains $\geq 10^7$ organisms/cm² of *Serratia Marcescens* ATCC 14756 challenge.

VALIDATED FOR

- Heat Stability** : Maintains integrity after autoclaving/steam sterilization cycles at 121 °C of 30 minutes.
- Microbial Test for Residual Antibiotic in Rim** : No inhibition zones

- EXPIRY** : 3 Years when stored in a cool and dry place.



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