



# Nupore Filtration Systems Pvt. Ltd.

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## CERTIFICATE OF QUALITY

### PTFE Membrane Capsule Filter

**Product Code** : CATF  
**Pore Size** : 0.2 Micron  
**Length** : 1"  
**Inlet** : ¼" SHB  
**Outlet** : ¼" SHB  
**Catalog No.** : CATFA020101BNSN  
**Batch No.** : CATF00721

DATE : 03-06-2021

The above PTFE Capsule Filters have been manufactured in Nupore Filtration Systems Pvt. Ltd. facility in compliance with ISO 9001 regulations using validated production processes.

### Specification

Length	1"
Filter Media	Hydrophobic PTFE Membrane
Supporting Layers	Polypropylene
Housing	Polypropylene
Differential Pressure	< 4 Kg/cm <sup>2</sup> (56.8 psi) at 25° C
Maximum Operating Pressure	80° C @ < 2 Kg/cm <sup>2</sup>
Reverse Pressure	< 0.7 Kg/cm <sup>2</sup> (10 psi) at 25° C
Sterilization	30 Autoclave Cycle at 121° C for 30 min.

### QA Lot Release Criteria

**100% Integrity Tested** : Each filter has been tested for integrity by Bubble Point Test using 70% IPA/Water solution. Bubble point was  
: ≥ 22 psi (1.55kg)

**Air Flow Rate** : Retains ≥ 3.5 Nm<sup>3</sup>/Hr at 0.07 kg/cm<sup>2</sup>

**Microbial Challenge Test** : Retains ≥ 10<sup>7</sup> organisms/cm<sup>2</sup> of B. diminuta ATCC 19146 Challenge as per ASTM F838-05 methodology.

### VALIDATED FOR

**Biosafety** : Passes Biological Tests for Plastic Class VI as per USP .

Head of Quality Assurance  
For Nupore Filtration Systems Pvt. Ltd.



• Membranes • Diagnostic Products • Cartridge Filters • Syringe Filters • Glass Fiber Filers

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