

CERTIFICATION OF QUALITY

Pall Corporation certifies that the specified product meets or exceeds our specifications and criteria for release. Materials of constructions have been evaluated in accordance with United States Pharmacopeia (USP) Biological Reactivity Test, *In Vivo* <88> (USP Class VI-121 °C Plastics Tests) to ensure biological safety of the material.

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|-----------------------------------|--|
| Product Number: | 4 2 5 1 |
| Description: | Acro [®] 50 Vent Device |
| Pore Size: | 0.2 µm |
| Lot Number: | FE7973 |
| Shipment Information: | |
| Manufacture Date: | October 2019 |
| Materials of Construction: | |
| Filter Media: | PTFE on a polypropylene support |
| Housing: | Polypropylene |
| Specifications: | |
| Effective Filtration Area: | 19.6 cm ² |
| Minimum Bubble Point - Methanol: | ≥ 0.9 bar (90 kPa, 13 psi) |
| Liquid Flow Rate: | ≥ 350 mL/min at 1.0 bar (100 kPa, 15 psi) |
| Water Breakthrough: | ≥ 15 sec at 2.0 bar (200 kPa, 30 psi) |
| Typical Air Flow Rate: | 8 L/min at 0.2 bar (20 kPa, 3 psi) |
| Maximum Operating Pressure: | 4.1 bar (410 kPa, 60 psi) at ambient temperature |
| Maximum Operating Temperature: | 130 °C (266 °F) at 1.0 bar (100 kPa, 15 psi) |

Authorized Signature:



Name: Jose Cubero

Title: Sr Product Quality Manager

Date: Monday, October 14, 2019