

Quality Assurance 600 South Wagner Road Ann Arbor, MI 48103-9019 U.S.A. Telephone: 734 665 0651 Facsimile: 734 913 6114

www.pall.com

CERTIFICATION OF QUALITY

Pall Corporation certifies that the specified product meets or exceeds specifications as outlined in our currently published literature. 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. Pall Corporation also certifies that this product is non-pyrogenic as determined by the Limulus Amoebocyte Lysate (LAL) method and is Gamma Sterilized at a validated dosage rate of $25-40\ KiloGrays\ (kGy)$.

Product Number:	4602
Description:	Acrodisc [®] Syringe Filter, 13 mm
Pore Size:	0.2 μm
Lot Number:	11841369
Shipment Information:	
Manufacture Date:	August 2013
Sterilization Date:	August 2013
Expiration Date:	August 2016
Materials of Construction:	
Filter Media:	Supor® 200 membrane (hydrophilic polyethersulfone)
Housing:	Polypropylene
Specifications:	
Effective Filtration Area:	1.0 cm^2
Typical Water Flow Rate:	≥ 22 mL/min at 3.1 bar (310 kPa, 45 psi)
Typical Hold-up Volume (with Air Purge):	< 28 μL
Endotoxins:	< 0.25 EU/mL using LAL Test
Sterilization Dosage Range:	25 – 40 kGy (2.5 – 4.0 mRads)
Maximum Operating Pressure:	5.2 bar (520 kPa, 75 psi)
Maximum Operating Temperature:	55 °C (131 °F)

Authorized Signature:

Lesue J. Hanuel

Name: Leslie A. Harreld

Title: Sr. Director, Quality Assurance

Date: August 23, 2013