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PRODUCT NO.: 7913



**SYRINGE FILTER ACRODISC, PALL (Supor PES Membrane, 0.2µm, 25mm, Sterile)
Hydrophilic, Female Luer-Lock Inlet, Male Luer-Slip Outlet, Blue / Clear**

DESCRIPTION: The Acrodisc syringe filter has been developed specifically for LCMS (Low Chromatography Mass Spectrometry) sample prep applications such as: Molecular identification, Structural determination, Pharmacokinetics, Drug discovery and development, Drug testing, Environmental monitoring, Food safety monitoring and Oil composition determination.

NOTE: This product is not approved for use in medical, clinical, surgical or other patient applications. Pall Laboratory products are designed for laboratory applications only.

FEATURES:

- ✔ Provides sterilization of small volumes of buffers, culture media and additives
- ✔ Superior flow rates and higher throughputs
- ✔ Low protein binding to minimize sample loss
- ✔ Products are sterilized by gamma irradiation to eliminate potential contamination by EtO residuals
- ✔ Acrodisc PF and Serum Acrodisc syringe filters feature built-in pre-filter for increased throughput of difficult-to-filter liquids
- ✔ Throughput volumes of approximately 100 mL

TECHNICAL SPECIFICATIONS:

Material	Filter Media Prefilter Media Acrodisc Housing Serum Acrodisc Housing	Supor membrane [hydrophilic polyethersulfone (PES)] Binder-free borosilicate glass Modified acrylic ABS
Pore Size (µm)		0.2
Effective Filtration Area (cm ²)		1
Inlet/Outlet Connections		Female luer lock inlet, male slip luer outlet
Typical Hold-Up Volume		< 70 µL
Max Operating Temperature		55°C (131 °F)
Max Operating Pressure		5.2 bar (520 kPa, 45 psi)

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Typical Water Flow Rate	175 mL/min at 45 psi
Endotoxin Level	< 0.25 EU/mL using Limulus Amoebocyte Lysate (LAL) test
Biological Safety	Passes United States Pharmacopeia (USP) Biological Reactivity Test, <i>In Vivo</i> <88>
Sterilization Method	Gamma Irradiation

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