

PRODUCT INFORMATION

Syringe filters

Product information for Syringe Filters:

Description:

Syringe Filters are simply quality filters, well packaged, and offered at a fair and competitive price. The Classic range is available in all of the major membranes including MCE and PVDF, which are supplied in 13mm, 25mm formats in virgin medical polypropylene housings.



Features:

- Application Compatibility: Broad range of filtration media meets diverse application needs
- Minimum sample hold-up: Syringe Filters' housings are specifically designed to maximize sample recovery
- Convenient: Each unit is clearly marked with an identifying code to denote pore size, membrane material
- Sterile: Filters can be purchased pre-sterilized by Gamma radiation and individually packaged

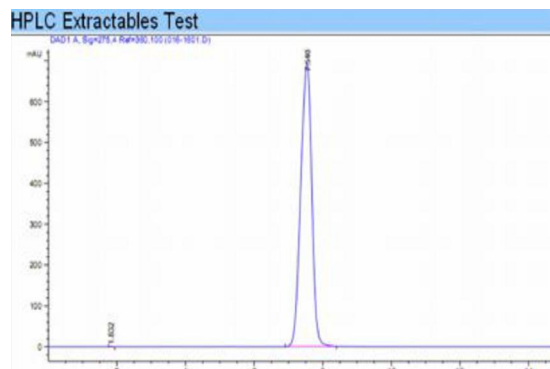
Application

- HPLC sample preparation
- Routine QC analysis
- Content uniformity
- Removal of protein precipitates
- Dissolution testing
- Food analysis
- Biofuel analysis
- Environmental samples



Validated HPLC Performance

- HPLC certification which guarantees the filters will not produce extraneous peaks in the UV range.
- 100% integrity tested with higher burst strength ratings assuring they will perform consistently.
- Available in 13 and 25mm sizes and available in sterile, too.
- 0.45µm for most clarification applications and 0.22µm when fine particulate removal is required.



Agilent Technologies 1200, Column: C18 UV = 254 nm
 Mob.phase: MeOH/H₂O:20:80, Temperature: 25°C, Flow rate:0.8ml/min, sample:2mg/ml Bergenin(in Methanol)

Ordering information:

Item No.	Pore size	Diame ter	Membrane	Solution
SFA1322SNEW	0.22um	13mm	MCE	Aqueous
SFA2522SNEW	0.22um	25mm	MCE	Aqueous
SFA1345SNEW	0.45um	13mm	MCE	Aqueous
SFA2545SNEW	0.45um	25mm	MCE	Aqueous

Item No.	Pore size	Diameter	Membrane	Solution
SFO1322S	0.22um	13mm	PVDF	Organic
SFO2522S	0.22um	25mm	PVDF	Organic
SFO1345S	0.45um	13mm	PVDF	Organic
SFO2545S	0.45um	25mm	PVDF	Organic

Technical Specifications:

Parameters	13mm	25mm
Housing material	Virgin Medical Polypropylene	Virgin Medical Polypropylene
Effective Filtration area (cm ²)	1.09	4.08
Pore Size (µm)	0.22, 0.45	0.22, 0.45
Holdup volume (µl)	<25	<100
Sample volume (ml)	<10	<100
Inlet connection	Female luer lock	Female luer lock
Outlet connection	Male luer slip	Male luer slip
Maximum Operating Temperature	50°C	50°C
Maximum Operating Pressure (bar)	6	6

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 Content V2