

# Quality Certificate

CA Syringe Filter,0.45µm, 17mm,Non-Sterile	Part Number:LC-OL-SF-CA017045N
	Lot Number:171106012

## ISO 9001 Quality Standard

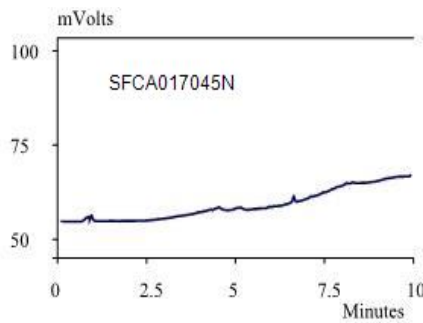
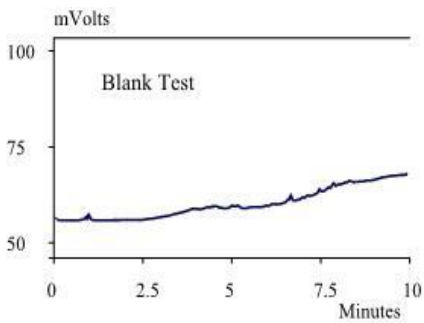
The product was manufactured in the facility whose Quality Management System is approved by an accredited registering body to the ISO 9001 Quality Systems Standard.

## Syringe Filter Lot Characterization

Membrane material	CA	Filtration area(cm <sup>2</sup> )	1.65
Pore size	0.45µm	Holdup volume (µl)	<20
Wettability	Hydrophilic	Volume Throughput (ml)	<20
Housing Material	Polypropylene	Maximum Operating Temperature(°C)	50
Inlet/Outlet	Female Luer Lock inlet and Male Luer slip outlet	Bubble point(psi)	42.1-49.3
Burst pressure(psi)	87	Flow rate(ml/min@10psi)	84-108

Bubble point and Flow rate were tested by water at 25°C.

## HPLC Extractable Test ( Purify water,254nm )



Specification	Result
No detectable peaks	Pass

We hereby certify that the above stated filters are in compliance with all applicable instructions. The document contains information that may be confidential and is intended only for the use of the addressee.

Tested By:  2017-11-20  
QC Technician