

# MN Sterilizer CA

## 1. Contents

MN Sterilizer CA 740401.50

## 2. Product description

MN Sterilizer CA syringe filter units are designed to sterilize and remove particulates from aqueous solutions such as biological fluids, culture media, additives, buffers, and protein solutions. The single-use filter units are supplied in individual, sterile packages.

## 3. Specifications

|                                   |                                                     |
|-----------------------------------|-----------------------------------------------------|
| Housing material:                 | Methyl methacrylate-butadiene-styrene polymer (MBS) |
| Membrane material:                | Cellulose acetate                                   |
| Nominal pore size:                | 0.2 µm                                              |
| Filter diameter:                  | 28 mm                                               |
| Effective filtration area:        | 6.2 cm <sup>2</sup>                                 |
| Hold up volume (after air purge): | 150 µL                                              |
| Inlet connection:                 | Female luer-lock                                    |
| Outlet connection:                | Male slip luer                                      |
| Maximum pressure:                 | 4.5 bar                                             |
| Maximum temperature:              | 50 °C                                               |
| Sterilization method:             | Presterilized with ethylene oxide                   |
| Use:                              | For research use only                               |

## 4. Instructions for use (aseptic technique)

- a) Draw liquid into a syringe that has a luer lock connector.
- b) Hold the blister part in one hand and peel off the protective backing.
- c) Attach the syringe to the luer inlet of the filter unit and remove the assembly from the package.
- d) Hold the syringe with the filter unit pointing up. Slowly press in the plunger until a few drops of the filtered solution appear. This assures proper wetting of the membrane and prevents air bubbles.
- e) Filter the content of the syringe into a suitable collection vessel.

*Note: As the filter removes particulate, the syringe plunger will become harder to push and pressure will rapidly increase on the filter. Change the filter unit when filtration becomes too difficult.*
- f) Upon completion of filtration, discard the MN Sterilizer CA.

## 5. Safety instructions

The MN Sterilizer CA do not contain hazardous contents.

## 6. Symbols

|  |                                   |
|--|-----------------------------------|
|  | Presterilized with ethylene oxide |
|  | Catalog number                    |
|  | Lot number                        |
|  | Please read package insert        |
|  | Single use only                   |
|  | Expiry date                       |

## 7. Product use restrictions / warranty

All MACHEREY-NAGEL products are designed for their intended use only. They are not intended to be used for any other purpose. The description of the intended use of the products can be found in the original MACHEREY-NAGEL product leaflets. Before using our products, please observe the instructions for use and the safety instructions from the respective Material Safety Data Sheet of the product.

This MACHEREY-NAGEL product is carrying documentation stating specifications and other technical information. MACHEREY-NAGEL warrants to meet the stated specifications. The provided warranty is limited to the data specifications and descriptions as given in the original MACHEREY-NAGEL literature. No other statements or representations, written or oral, by MACHEREY-NAGEL's employees, agents or representatives, except written statements signed by a duly authorized officer of MACHEREY-NAGEL are authorized. They should not be relied upon by the costumer and are not a part of a contract of sale or of this warranty.

Liability for all possible damages that occur in any connection with our products is limited to the utmost minimum as stated in the general business terms and conditions of MACHEREY-NAGEL in their latest edition which can be taken

from the company's website. MACHEREY-NAGEL does not assume any further warranty.

Products and their application are subject to change. Therefore, please contact our Technical Service Team for the latest information on MACHEREY-NAGEL products. You may also contact your local distributor for general scientific information. Descriptions in MACHEREY-NAGEL literature are provided for informational purposes only.

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