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Product Information

Dialysis tubing, cellulose membrane

Catalog Number **D9402**
Store at Room Temperature

Product Description

The dialysis tubing consists of regenerated cellulose made from virgin wood pulp. Glycerol has been added as a humectant. The tubing is flat and clear, and provided in rolls.

Typical molecular weight cut-off: 14,000 Da

Average flat width: 76 mm (3.0 in.)

Average diameter when full: 49 mm

Capacity: ~640 mL/ft

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

Preparation Instructions

Removal of glycerol included as a humectant can be accomplished by washing the tubing in running water for 3–4 hours.

The manufacturing process results in the presence of residual sulfate salts in the ppm range. Removal of the sulfate salts can be accomplished by treating the tubing with a 0.3% (w/v) solution of sodium sulfide at 80 °C for 1 minute. Wash with hot water (60 °C) for 2 minutes, followed by acidification with a 0.2% (v/v) solution of sulfuric acid, then rinse with hot water to remove the acid. This tubing will retain most proteins of molecular weight 12,000 or greater.

Storage/Stability

Store the tubing at room temperature in its original packaging to retain moisture. Ensure that any unused tubing is enclosed properly in an airtight bag.

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