

Size Exclusion Resin - Cross-linked Dextran (Coarse)

Product Information

Product Overview

Cross-linked dextran the gel filtration resin series are dextran-based gel filtration media, hydrophilic and porous. Used for buffer exchange, desalting, small molecule removal, separation of peptides, oligonucleotides, antibiotics, chemical drugs, natural products, nanomaterial purification, and wastewater treatment. Operates via molecular sieve principle. Types by particle size: cross-linked dextran the gel filtration resin coarse, medium, fine, and superfine.

Matrix

Cross-linked dextran

Appearance

White to slightly spherical powder

Average particle size

320 μm

Dry Particle Size Range

100–300 μm

Fractionation Range

1–5 kDa (10–45 AA)

pH working range

2–12

pH CIP range

1–14

Maximum flow velocity

650 cm/h

Pack size

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1 kg; 5 kg; 10 kg

Product features

Gel filtration resin; dextran beads; highly hydrophilic to minimize non-specific adsorption; commonly used for desalting and buffer exchange; suitable for proteins and nucleic acids; can be used with columns of different specifications.
