

Superdex 30 Prep Grade

Product Information

Cat#No# Su-504C

Product Overview

Superdex 30 prep grade gel filtration resin offers very high resolution fractionation for separation, polishing and product formulation of peptides and small proteins.

Description

Superdex prep grade is a preparative gel filtration resin with a composite matrix of dextran and agarose. This matrix combines the excellent gel filtration properties of cross-linked dextran (Sephadex) with the physical and chemical stabilities of highly cross-linked agarose, to produce a separation resin with outstanding selectivity and high resolution. In addition, its low non-specific interaction permits high recovery of biological material. Together these properties make Superdex prep grade the first choice gel filtration resins for all applications from laboratory to process scale.

Characteristic

Gel filtration resins providing exceptional resolution with short run times and good recovery. Superdex 30 prep grade is suitable for polishing and formulation of peptides and small proteins. BioProcess resin supported for industrial applications.

Matrix

Composite of cross-linked agarose and dextran.

Particle Size

24 µm-44 µm

Average particle size

~34 µm

Chemical stability

Commonly used buffers, 1 M NaOH, 0.1 M HCl, 1 M acetic acid, 8 M urea, 6 M guanidine HCl, 1 % SDS, 70 % ethanol, 30 % iso-propanol, 30 % acetonitrile.

pH working range

Superdex 30 Prep Grade

3–12

CIP stability

1–14

Storage

4 to 30°C, 0.2 M sodium acetate in 20% Ethanol.

Pack size

150 mL

BioProcess resin

Yes
