Size Exclusion Resin - Highly Cross-linked Agarose 4%

Product Information

Product Overview
4% cross-linked agarose (Fast Flow) and 6% cross-linked agarose are 4% and 6% agarose gel filtration media with wide separation range, suitable for polysaccharides, nucleic acids, viruses, or as matrices for affinity, hydrophobic, or ion exchange chromatography. Crosslinked from 4% / 6% agarose, higher chemical/physical stability, withstands 121 °C sterilization, fast flow, suitable for large-scale purification.
Matrix
4% Highly cross-linked agarose
Appearance
White paste, may separate upon standing
Average particle size
90 µm
Wet Particle Size Range
45–165 µm
Fractionation Range
Linear molecules: 30–5000 kDa Globular molecules: 60–20000 kDa
pH working range
2–12
pH CIP range
2–14
Chemical stability
Stable in common aqueous solutions: 0.5 M NaOH, 2 M NaOH, 6 M guanidine HCl, 8 M urea, 1 M acetic acid, 30% acetonitrile
Maximum operating pressure

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0.3 MPa
Maximum flow velocity
200–300 cm/h
Pack size
5 L; 10 L; 20 L
Product features
Gel filtration resin; highly cross-linked agarose beads; favorable physical and chemical stability, low non-specific adsorption; good flow rate; suitable from lab to industrial scale; handles large-volume samples; wide separation range for polysaccharides, nucleic acids, viruses, etc.

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