

Agarose Fast Flow

Cat. No. Agarose-003A **Lot. No.** (See product label)

SPECIFICATION

Product Overview Agarose Fast Flow gel filtration medium is based on cross-linked agarose matrix, which gives good physical stability and chromatographic qualities. It is a gel filtration medium developed for industrial processing at high flow rates and moderate pressures.

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Description The matrix was developed specifically to meet the high throughput demands of industrial process separations. The rigidity permits high flow rates, which in turn gives good resolution in a minimum of time. Agarose 4 Fast Flow matrices enable the rapid processing of large volumes making these media an excellent choice for use at process-scale. Agarose Fast Flow gel filtration media are easy to work with, and tolerate working conditions of temperature, pH and chemical agents, including cleaning-in-place (CIP) reagents, typically used in biopharmaceutical production processes. The bed should be washed with at least 3 bed volumes of buffer to remove the preservative.

Matrix 4% or 6% cross-linked agarose


Average particle size 90 μm

Chemical stability 2 M NaOH, 70% ethanol, 30% isopropanol, 30% acetonitrile, 1% SDS, 2% Asepto, 6 M guanidine-hydrochloride, 8 M urea [40°C for 7 Days in]

pH working range 2-12

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pH CIP range	2-14
Autoclavable	121°C for 20 min in H ₂ O
Storage	3 to 40°C, 20% Ethanol.

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