

Superose 12 Prep Grade

Cat. No. Superose-001A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Superose 12 is for high resolution purification of proteins from 1×10^3 to 3×10^5 molecular weight, while Superose 12 Prep Grade is useful for preparative purification of these higher molecular weight proteins.
Cat.no	Superose-001A
Size	125 mL
Matrix	Highly cross-linked agarose
Average particle size	30 μm -40 μm
Viscosity	Store your column in water or buffer containing 20 % ethanol. Avoid prolonged exposures to extremes of pH.
Chemical stability	Resistant to all solutions commonly used in gel filtration, including 8 M urea, 6 M guanidine HCl and 30 % acetonitrile. A packed column should be used in the temperature range 4–40 °C. The loose medium can be repeatedly autoclaved at pH 7, 120 °C. Stable for long periods in the pH range 3–12 and for short periods, such as cleaning, in the pH range 1–14. High concentrations of formic acid should not be used.
Physical stability	Can stand back-pressures up to 0.7 MPa (7 bar, 105 psi)
pH working range	3-12

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pH CIP range

1-14

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