

SP methacrylic resin

Cat. No. sulphopropyl-008M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SP methacrylic chromatographic resin is designed for cation exchange chromatography. This chromatographic mode separates molecules on the basis of ionic interactions between the sample and the resin. The separation is usually accomplished in buffered aqueous solution with a gradient of increasing ionic strength. Alternatively, pH adjustment may be used for control of elution.
Cat.no	sulphopropyl-008M
Form	slurry in 20 % (v/v) ethanol
Size	50 mL, 100 mL, 250 mL, 1 L
Matrix	methacrylic polymer
Ion exchange capacity	0.15 ± 0.02 meq/mL
Functional group	sulphopropyl group: $\text{--O--CH}_2\text{CHOHCH}_2\text{OCH}_2\text{CH}_2\text{CH}_2\text{SO}_3$
Protein	sulphopropyl
Dynamic binding capacity	50 ± 10 mg/mL (Lysozyme)
Recommended flow rate	normally 10 – 600 cm/h (depending on particle size)

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Shelf life

Minimum 5 years

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