

S methacrylic resin

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

SPECIFICATION

Product Overview	S methacrylic chromatographic resins are 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	Methylsulphonate-008M
Form	slurry in 20 % (v/v) ethanol
Size	100 mL, 250 mL, 1 L, 5 L, 50 L
Matrix	methacrylic polymer
Ion exchange capacity	0.15 ± 0.05 meq/mL
Functional group	Methylsulphonate: -CH ₂ SO ₃ -
Protein	Methylsulphonate
Average particle size	50 – 100 µm
Dynamic binding capacity	156 ± 20 mg/mL (human IgG)

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Recommended flow rate	normally 10 – 600 cm/h
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Shelf life	Minimum 5 years
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