

CM methacrylic resin

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

SPECIFICATION

Product Overview	CM 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	carboxy methyl-008M
Form	slurry in 20 % (v/v) ethanol
Size	100 mL, 250 mL, 1 L
Matrix	methacrylic polymer
Ion exchange capacity	0.225 ± 0.055 meq/mL
Functional group	carboxy methyl group: –O–CH ₂ COO–
Protein	carboxy methyl
Average particle size	50 – 100 µm
Dynamic binding capacity	≥ 110 mg/mL (human IgG)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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