

Q methacrylic resin

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

SPECIFICATION

Product Overview	Q methacrylic chromatographic resins are designed for anion 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	quaternary amine-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	0.10-0.20 meq/mL
Functional group	quaternary amine group: $-\text{CH}_2\text{N}^+(\text{CH}_3)_3$
Protein	quaternary amine
Average particle size	50-100 μm
Dynamic binding capacity	>162 mg/mL BSA

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Recommended flow rate	10 – 600 cm/h
Viscosity	For Long Term Storage Conditions: 20 % (v/v) ethanol
pH working range	3-13
Shelf life	Minimum 5 years

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