

QAE methacrylic resin

Cat. No. Quaternary aminoethyl-009M **Lot. No.** (See product label)

SPECIFICATION

Product Overview QAE methacrylic chromatographic resin is 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.

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Ion exchange capacity 0.28-0.38 meq/mL

Functional group Quaternary aminoethyl, $-\text{OCH}_2\text{CH}_2\text{N}^+(\text{C}_2\text{H}_5)_2\text{CH}_2\text{CHOHCH}_3$

Protein Quaternary aminoethyl

Average particle size 50 – 150 μm

Dynamic binding capacity 70 ± 10 mg/mL (Bovine Serum Albumin)

Recommended flow rate 10 – 600 cm/h

pH working range 2-13

Shelf life Minimum 5 years

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