

Q Cellulose Max resin

Cat. No. quaternary amine-002C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Cellulose MAX is the new name of 2nd generation Cellulose chromatography media. Cellulose Max Q strong ion exchangers are highly cross-linked, surface modified media with high dynamic binding capacities and stability at high flow velocities. These high performance optimized media offer significant opportunity for increasing downstream purification throughput.
Cat.no	quaternary amine-002C
Matrix	highly cross-linked cellulose
Ion exchange capacity	0.130.20 m eq /ml
Average particle size	40 – 130 µm
Dynamic binding capacity	>110 mg BSA/ml
Recommended flow rate	1,000 cm/h in a 2.2 cm diameter column with 20 cm bed height at <0.3> Over 500 cm/h 30 cm diameter column with 20 cm bed height at <0.3>
Chemical stability	Stable in: Most salts (NaCl, (NH ₄) ₂ SO ₄ , etc.), Alcohol (30 % (v/v) IPA, 70 % (v/v) EtOH), Urea (6 M) and Guanidine-HCl (6 M) pH 2 to pH 12 (MAX Q-r & MAX Q-h) at 40 oC, 1 week 0.1M NaOH at less than 20oC, 4 weeks
Physical stability	Stable in: Most salts (NaCl, (NH ₄) ₂ SO ₄ , etc.), Alcohol (30 % (v/v) IPA, 70 % (v/v)

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pH working range

2-12

Elution buffer

0.1-2.0 M sodium chloride in adsorption buffer

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