

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.

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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, (NH₄)₂SO₄, 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, (NH₄)₂SO₄, 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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