CM Agarose fast flow

Cat. No. carboxy methyl-002A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CM agarose Fast Flow is a weak cation exchanger based on the well established agarose Fast Flow ion exchange platform, extensively used for preparative protein separations in both research and industrial applications.
Cat.no	carboxy methyl-002A
Matrix	Cross-linked agarose, 6%
Ion exchange capacity	0.09–0.13 mmol/ml media
Functional group	carboxy methyl group: –O–CH2COO–
Protein	carboxy methyl
Average particle size	45–165 µm
Ligand	Carboxymethyl
Dynamic binding capacity	0.09-0.13 mmol/ml media
Recommended flow rate	300-600 cm/h
Viscosity	Unused media can be stored in the container at +4 to +30°C. Ensure that the screw-

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	top is fully tightened. Packed columns should be equilibrated in working buffer containing 20% ethanol to prevent microbial growth.
Recommended column height	5-20cm
Chemical stability	All commonly used aqueous buffers1 M NaOH8 M urea6 M guanidine hydrochloride70% ethanol
pH working range	4-13
pH CIP range	2-14
Temperature Stability	4-40 °C
Warning	Oxidizing agentsLong exposures (1 week, 20°C) to pH<>

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