

DEAE Agarose fast flow

Cat. No. diethylaminoethyl-001A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DEAE agarose Fast Flow is a weak anion exchanger based on the well established agarose Fast Flow ion exchange platform, extensively used for preparative protein separations in both research and industrial applications.
Chromatography technique	Ion Exchange Chromatography
Chemical stability	Stable in common water-soluble buffers, such as: 8M urea, 6M guanidine hydrochloride, 70% ethanol, 30% isopropanol, 1M NaOH, 1M acetic acid, etc.
Storage	4 to 30°C, 20% Ethanol
Matrix	Cross-linked agarose, 6%
Ion exchange capacity	110-160μmolCl-/mL
Functional group	diethylaminoethyl group: $-O-CH_2CH_2-N^+(C_2H_5)_2H$
Average particle size	~90 μm
Pressure/Flow Specification	<0.3MPa
Recommended flow rate	<400cm/h

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pH CIP range	2-12
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CIP stability	2-14
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