

## ZetaSep CM FF6

**FPLC column packed with Weak Cation Exchange Agarose Resin.**

A cross-linked 6 % beaded agarose IEX resin for protein purification.

<b>Product Code</b>	<b>ZS-1207-M001.0</b>
<b>Quality Parameter</b>	<b>Specification</b>
Packing evaluation asymmetry: (no double peak, no shoulder)	$0.7 \leq A_s \leq 1.9$
Asymmetry LOT homogeneity:	$CV \leq 8 \%$
<b>Other Product Properties</b>	
Application	ZetaSep CM FF6 1 mL FPLC column packed with cationic exchange resin for purification of biomolecules. Zetarose CM FF6 is a 6 % cross-linked agarose bead, derivatized with carboxymethyl (CM) weak cation ligand.
Base matrix material	~100 $\mu\text{m}$ (mean bead diameter) cross-linked, beaded agarose.
Base column material	Polypropylene column housing, 20 $\mu\text{m}$ polyethylene frits, 10/32 fittings
Recommended flow rate	0.5 - 2.0 mL/min (~75 - 300 cm/hr)
Maximum operating pressure	3 bar (0.3 MPa, 2.96 atm)
pH stability	2 – 14 (short term) 4 – 12 (long term)
Chemical stability	This column is generally tolerant of all commonly used aqueous solutions for protein purification. Avoid oxidizing agents, cationic detergents and buffers.
Quality parameter of the resin	Ion exchange capacity of 0.08 – 0.16 mmol H <sup>+</sup> /mL resin
Storage buffer	20 % ethanol
Storage	+2 to +30 °C. DO NOT FREEZE!
Miscellaneous	---
Notice	The use of this product is strictly limited to trained personnel for professional manufacturing, laboratory, or research purposes. Final Fitness-For-Use must be determined by and is the sole responsibility of the end-user.