

Zetarose SP FF6

Strong Cation Exchange Agarose Resin.

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

Product Code	TM-1208
Quality Parameter	Specification:
Ion exchange capacity	0.14 – 0.26 mmol H ⁺ / mL resin
Particle diameter 45 to 160 µm	≥ 80 % in range
Other Product Properties	
Solid phase	Zetarose FlashFlow 6 % highly cross-linked beaded agarose, derivatized with sulfopropyl.
Particle diameter	100 µm. Particle range 45 - 160 µm (≥ 80 %).
Application	Cationic exchange resin for purification of biomolecules. Zetarose SP FF6 is a cross-linked 6 % agarose bead, derivatized with sulphopropyl (SP) strong cation ligand.
Velocity properties	Linear velocity ≥ 500 cm/h and operating pressure up to 3 bar.
pH stability	2 – 14 (short term), 4 – 12 (long term). The pH stability of the ion exchange resin will be ultimately dependent on the pH stability of the ligand bound to the resin.
Chemical stability	Zetarose SP FF6 is generally tolerant of all commonly used aqueous solutions for protein purification. Avoid oxidizing agents, cationic detergents, and buffers.
Storage buffer	0.2 M sodium acetate in 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.