Product Data Sheet

ZetaCell Q

Strong Anion Exchange Agarose Resin. Specifically designed for SMART Chromatography™ ion exchange separation.

Product Code	**TM-4205**
Quality Parameter	**Specification:**
Ion exchange capacity	0.08 – 0.16 mmol Cl- / mL resin
Particle diameter 140 to 360 µm	≥ 80 % in range
Other Product Properties	
Solid phase	Highly cross-linked large diameter beaded agarose, derivatized with quaternary ammonium.
Particle diameter	250 µm. Particle range 140 - 360 µm (≥ 80 %).
Application	Anionic exchange resin for purification of biomolecules. ZetaCell Q is a large cross-linked agarose bead, derivatized with quaternary ammonium (Q) strong anion ligand. ZetaCell resin is based on large cross-linked beaded agarose. It is specifically designed for SMART Chromatography™ ion exchange chromatography separation.
Velocity properties	Linear velocity ≥ 2000 cm/h and operating pressure up to 3 bar.
pH stability	2 – 14 (short term), 3 – 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	ZetaCell Q is generally tolerant of all commonly used aqueous solutions for protein purification. Avoid oxidizing agents, anionic detergents, and buffers.
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.