

Lifetech™ ECR8204M

Epoxy Methacrylate

Lifetech ECR8204M is a hydrophilic, low porosity, methacrylate polymer functionalized with epoxy groups. It is used for covalent enzyme immobilization and is optimized for batch reactor and column processes. Immobilization is performed under very mild experimental conditions of pH and temperature, at high ionic buffer strength.

GLÓWNE ZASTOSOWANIA

- Covalent immobilization of enzymes
- Epoxides form very stable covalent linkages
- Suitable for immobilization of a wide range of enzymes (including hydrolases)
- Coupling of specific ligands to create affinity resin

ZALETY

- Low porosity
- Simple covalent multipoint immobilization
- Hydrophilic
- High mechanical strength
- Optimal for batch reactor use

SYSTEMY

- Suitable for batch and column configuration
- Optimal for all applications in aqueous media

ZGODNOŚĆ Z REGULACJAMI

- TSE/BSE/GMO free
- Council of Europe Resolution ResAP (2004)3
- Halal
- Kosher

DOSTĘPNOŚĆ OPAKOWAŃ

- 50g
- 250 g
- 1 kg

PODSTAWOWE WŁAŚCIWOŚCI FIZYCZNE I CHEMICZNE:

Appearance	White to off white beads
grupa funkcyjna	Epoxy
Supplied as	Wet
Particle Size Range	300 - 710 µm
Pore Diameter	300 - 600 Å
Total moisture	55 - 70 %
pH Limit Stability	5 - 9
Recommended Storage	2 - 8 °C
Perfect Bead	min. 95 %

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