

Lifetech™ ECR8304M

Amino C2 Methacrylate

Lifetech ECR8304M is a hydrophilic, low porosity, methacrylate polymer functionalized with amino groups on a short spacer (C2). It is used for covalent enzyme immobilization by pre-activation of the resin with glutaraldehyde to form very stable linkages. It can also be used for enzyme immobilization by ionic interaction. Lifetech ECR8304M is optimized for batch reactor and column processes.

GÓWNE ZASTOSOWANIA

- Covalent immobilization of enzymes (requires resin pre-activation with glutaraldehyde)
- Can be used also for direct ionic enzyme immobilization
- Ionic immobilization requires pH adjustment (resin is supplied at neutral pH)

ZALETY

- Low porosity
- Simple covalent enzyme immobilization
- Adjustable pH for ionic immobilization

SYSTEMY

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

ZGODNO Z REGULACJAMI

- ResAP(2004)3 Status (food grade)
- Halal
- Kosher
- TSE/BSE/GMO free

DOSTPNO OPAKOWA

- 50g
- 250 g
- 1 kg

PODSTAWOWE WACIWOŚCI FIZYCZNE I CHEMICZNE:

Appearance	White to off white beads
grupa funkcyjna	Amino (short spacer)
Supplied as	Wet
Particle Size Range	300 - 710 µm
Pore Diameter	300 - 600 Å
Total moisture	50 - 60 %
pH Limit Stability	3 - 10
Recommended Storage	2 - 20 °C
Expiry date (from date of manufacture)	5 years
Perfect Bead	min. 95 %

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