

# Lifetech™ ECR8315F

## Amino C2 Methacrylate

Lifetech ECR8415F is a hydrophilic, high porosity methacrylate polymer, functionalized with amino groups on a long spacer (C6). 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 ECR8415F is optimized for use in 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

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

### SYSTEMY

- Particularly suitable for batch 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	150 - 300 µm
Pore Diameter	1200 - 1800 Å
Total moisture	70 - 80 %
pH Limit Stability	3 - 10
Recommended Storage	2 - 20 °C
Perfect Bead	min. 95 %

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