

Lifetech™ ECR8209F

Epossi metacrilato

Lifetech ECR8209F is a hydrophilic, medium porosity, methacrylate polymer functionalized with epoxy groups. It is used for covalent enzyme immobilization and is optimized for batch reactor processes. Immobilization is performed under very mild experimental conditions of pH and temperature, at high ionic buffer strength.

PRINCIPALI APPLICAZIONI

- Immobilizzazione covalente degli enzimi
- Gli epossidi formano legami covalenti molto stabili
- Idoneo per l'immobilizzazione di un'ampia gamma di enzimi, incluse le idrolasi
- Accoppiamento di leganti specifici per creare resine ad affinità

VANTAGGI

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

SISTEMI

- Particolarmente idoneo per la configurazione in batch
- Ottimale per tutte le applicazioni in ambiente acquoso

CERTIFICAZIONI

- esente da TSE BSE OGM
- Risoluzione del Consiglio d'Europa ResAP (2004)3
- Halal
- Kosher

IMBALLI TIPICI

- 50 g
- 250 g
- 1 kg

CARATTERISTICHE CHIMICHE E FISICHE TIPICHE:

Aspetto	White to off white beads
Gruppo funzionale	Epoxy
Fornito come	Wet
Distribuzione granulometrica	150 - 300 µm
Diametro dei pori	600 - 1200 Å
Umidità totale	62 - 72 percento
Limite di stabilità del pH	5 - 9
Conservazione/Stoccaggio consigliato	2 - 8 °C
Data di scadenza (dalla data di produzione)	6 months

Storage

For optimum storage, keep containers tightly closed in dry, cool and well-ventilated place at temperature between 2-8°C. – Product is shipped at ambient where short temperature excursions will not adversely affect the material

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