

Lifetech™ CalB immo 8285

Lipase from *Candida Antarctica*
B, covalently immobilized on
ECR8285

CalB immo 8285 is an immobilized, recombinant Lipase B from *Candida antarctica* (CalB), produced by microbial fermentation with *Pichia pastoris*. It is a covalently immobilized preparation, suitable for water-based, solvent-based or solvent-free systems and can be used for regio- and stereoselective hydrolysis, esterifications and transesterifications. The lipase is immobilized onto our highly hydrophobic carrier, Lifetech ECR8285, an epoxy /butyl methacrylate co-polymer.

CalB immo 8285 was jointly developed and is co-marketed by c-LEcta and Purolite.

PRINCIPALI APPLICAZIONI

- Esterificazioni (regio- e stereo-selettive)
- Transesterificazione
- Amidazione
- Modificazione di grassi e oli
- Idrolisi degli esteri

VANTAGGI

- Covalent immobilization
- Organic solvent stability
- High enzyme activity
- Available in large volumes
- Full regulatory support

CERTIFICAZIONI

- esente da TSE BSE OGM
- Risoluzione del Consiglio d'Europa ResAP (2004)6
- Halal

IMBALLI TIPICI

- 10 g
- 50 g
- 250 g
- 1 kg

CARATTERISTICHE CHIMICHE E FISICHE TIPICHE:

Aspetto	White to slightly yellow spherical beads
Fornito come	Dry
Distribuzione granulometrica (90% nel range)	250 - 1000 µm
Umidità totale	0 - 5 percento
Attività enzimatica min	10000 PLU g secco
Data di scadenza (dalla data di produzione)	1 year
Storage	2 - 8 °C
Activity	> 10,000 60°C; Synthesis of Propyl Laurate, PLU/g

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