

# Lifetech™ CalB immo 8806

**Lipase from Candida Antarctica  
B, immobilized by adsorption on  
ECR8806M**

CalB immo 8806 is an immobilized, recombinant Lipase B from *Candida antarctica* (CalB), produced by microbial fermentation with *Pichia pastoris*. It is an adsorbed preparation, suitable for solvent-free or organic solvent systems, and can be used for regio- and stereoselective esterifications and transesterifications. The lipase is immobilized by adsorption onto our highly hydrophobic carrier, Lifetech ECR8806M, an octadecyl methacrylate co-polymer.

CalB immo 8806 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

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

## CERTIFICAZIONI

- esente da TSE BSE OGM
- Resin compliant with ResAP (2004)3
- Halal
- Kosher in 2018

## 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)	300 - 710 µm
Umidità totale	0 - 5 percento
Attività enzimatica min	10000 PLU g secco
Data di scadenza (dalla data di produzione)	1 year
Condizioni ottimali di conservazione	2 - 8 °C
Storage	For optimum storage, keep containers tightly closed in dry, cool and well-ventilated place at temperature between 2-8C. – Product is shipped at ambient where short temperature excursions will not adversely affect the material
Activity	> 10,000 60°C; Synthesis of Propyl Laurate, PLU/g

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