

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.

GÓWNE ZASTOSOWANIA

- Esterifications (regio- and stereo-selective)
- Transesterification
- Amidation
- Fats and oils modification
- Hydrolysis of esters

ZALETY

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

ZGODNO Z REGULACJAMI

- TSE/BSE/GMO free
- Resin compliant with ResAP (2004)3
- Halal
- Kosher in 2018

DOSTPNO OPAKOWA

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

PODSTAWOWE WACIWOŚCI FIZYCZNE I CHEMICZNE:

Appearance	White to slightly yellow spherical beads
Supplied as	Dry
Particle size (90% in the range)	300 - 710 µm
Total moisture	0 - 5 %
Enzyme activity (min.)	10000 PLU/gdry
Expiry date (from date of manufacture)	1 year
Optimal storage condition	2 - 8 °C
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
Activity	> 10,000 60°C; Synthesis of Propyl Laurate, PLU/g

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