

Lifetech™ CalB immo Plus

DVB/methacrylate Adsorbent,
with Lipase immobilized by
adsorption

CalB immo Plus is an immobilized, recombinant Lipase B from *Candida antarctica* (CalB), produced by microbial fermentation with *Pichia pastoris*. It is 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 ECR1030M, a DVB/methacrylate co-polymer.

GÓWNE ZASTOSOWANIA

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

ZALETY

- High mechanical stability
- High enzyme activity
- Organic solvent stability
- Available in large volumes
- Security of supply from Kg to ton scale
- Full regulatory support

ZGODNO Z REGULACJAMI

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

DOSTPNO OPAKOWA

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

PODSTAWOWE WACIWOCI FIZYCZNE I CHEMICZNE:

Appearance	White to slightly yellow spherical beads
Supplied as	Dry
Particle Size Range	300 - 710 µm
Total moisture	0 - 5 %
Enzyme activity (min.)	9000 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 2-8C. – Product is shipped at ambient where short temperature excursions will not adversely affect the material

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