



Fermenta Biotech Limited

BIOCATALYST TL LIPASE

Product type:

Biocatalyst TL 15L is recombinant *Thermomyces lanuginosus* lipase enzyme expressed in *Pichia pastoris* cells supplied as formulated Enzyme solution in buffer with permitted stabilizers and preservatives

Description:

Yellowish green to green colored solution. Color intensity may vary from batch to batch and intensity is not indicative of product quality.

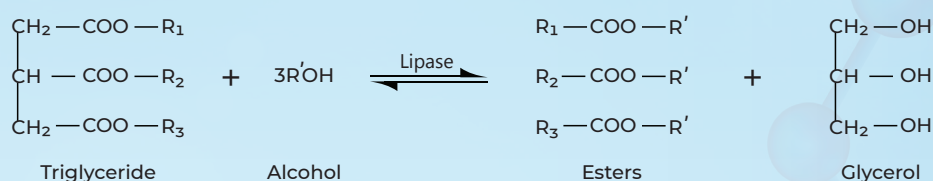
For certain applications, formulated enzymes are embedded in reusable solid support.

Applications:

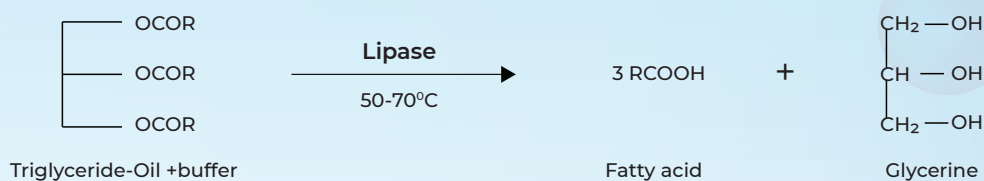
1. Fatty acid esters of oils
2. Hydrolysis of triglycerides in oils
3. Biodiesel

Reaction Schematics

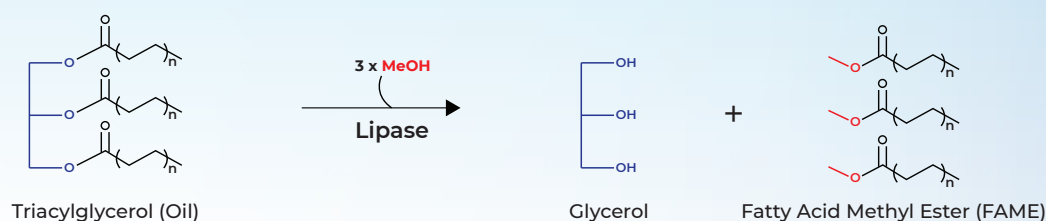
Transesterification of Triglycerides in pure oils with alcohols



Hydrolysis of triglycerides in oil to form Free fatty acids and glycerin



Biodiesel



Manufactured by :

Fermenta Biotech Limited

A-1501, Thane One, DIL Complex, Ghodbunder Road,
Majiwada, Thane (West) 400 610, Maharashtra, India