

Supplementary Material

Novelty of *penicillium camemberti* lipase supported on glutaraldehyde activated-sba-15 mesoporous silica for mono-esterification of bioglycerol in non-aqueous media

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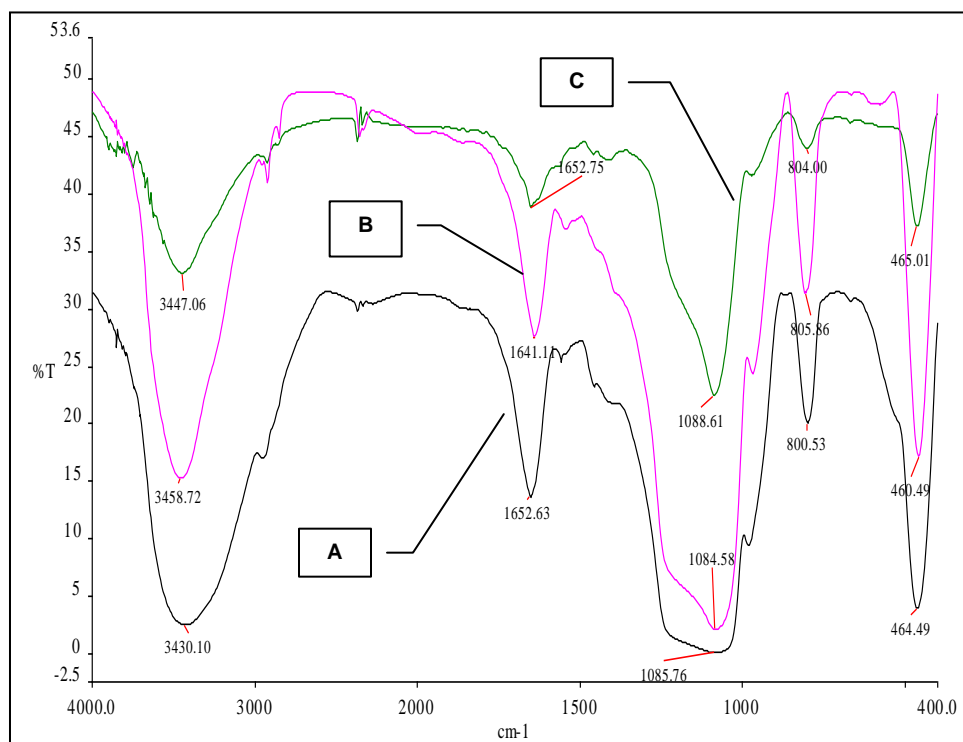


Figure 1: FT IR of the (A) SBA-15, (B) Lipase G supported on SBA-15, (C) Lipase G/SBA-15 crosslinked in glutaraldehyde.

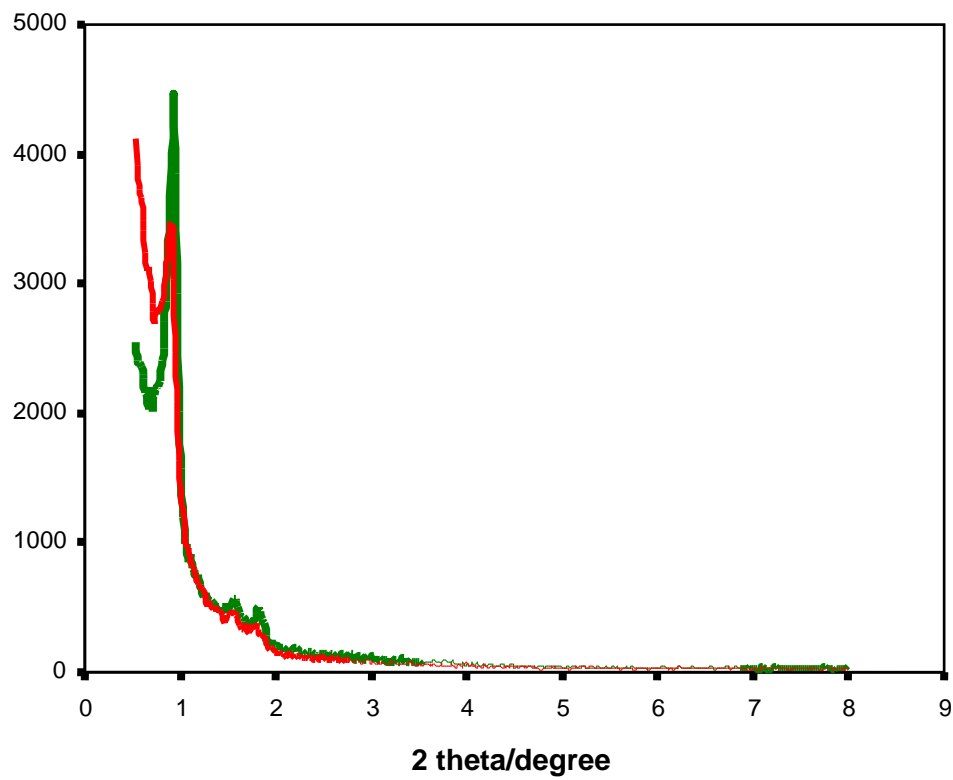


Figure 2: X-RD of SBA-15 and enzyme supported on SBA-15. — SBA-15 ;
— SBA-15 immobilized with lipase.

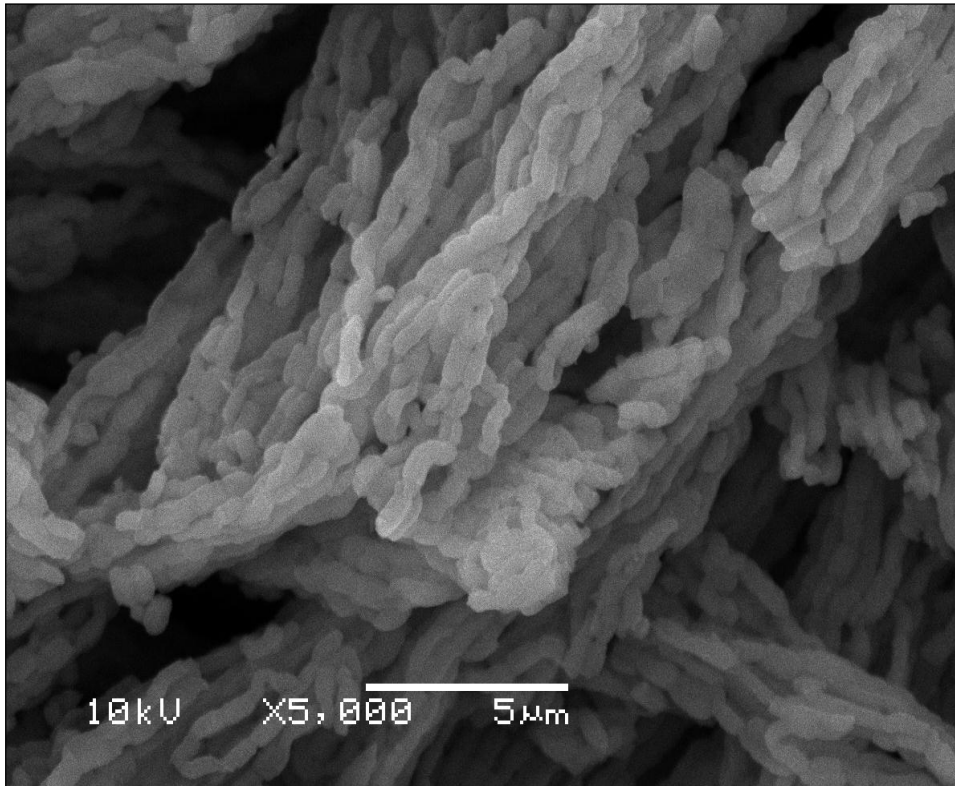


Figure 3: SEM image of SBA-15 mesoporous silica.

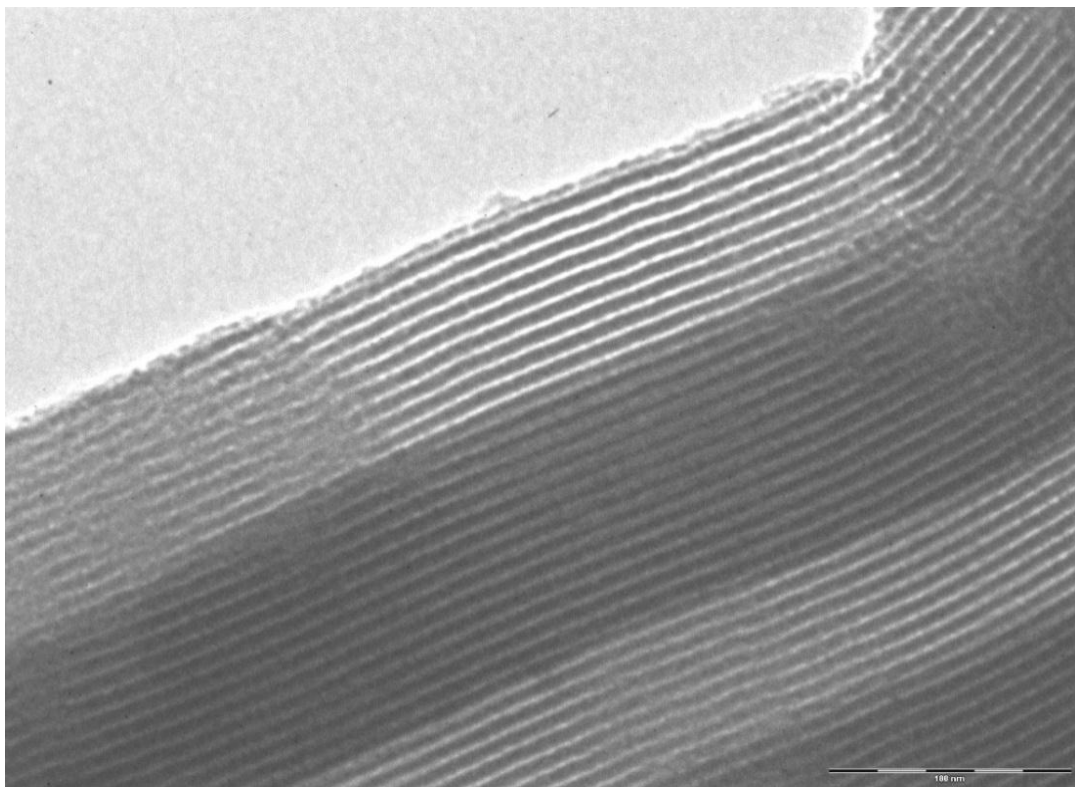


Figure 4 : TEM analysis –SBA-15.