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(54) Title: MODIFIED COCONUT OILS WITH BROAD ANTIMICROBIAL SPECTRUM

(57) Abstract: The present invention discloses antimicrobial compositions of modified coconut oil and palm kernel oil derived from catalytic activity of 1,3 positional specific lipases. Said modified oil compositions comprises of free fatty acids (>9.4%), monoglycerides (>1.3%), diglycerides (>22.8%) and triglycerides (>25%) which inhibits the growth of gram positive bacteria i.e. *Staphylococcus aureus*, *Listeria monocytogenes*, *Sterptococcus pyogene*, gram negative bacteria i.e. *Vibrio cholerae*, *Escherichia coli* and yeast i.e. *Candida albicans*.



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