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(54) Title: SOLVENTLESS EXTRACTION PROCESS

(57) Abstract: The present invention provides a method for extracting lipids from microorganisms without using a nonpolar organic solvent as an extraction solvent. In particular, the present invention provides a method for extracting lipids from microorganisms by lysing cells and removing water soluble compound and/or materials by washing the lysed cell mixtures with aqueous washing solutions until a substantially non-emulsified lipid is obtained.

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