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(54) Title: MICROBIAL OILS WITH HIGH LEVELS OF OMEGA-3 FATTY ACIDS

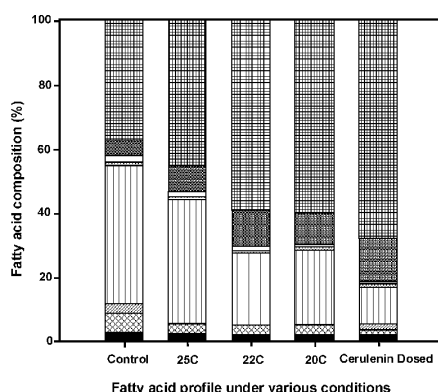
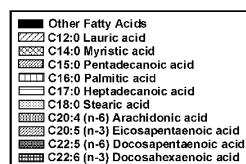


FIG. 7

(57) Abstract: Provided herein are microbial oils and methods of making and using microbial oils with high levels of omega-3 fatty acids. Specifically, provided is a microbial oil comprising at least 85% total fatty acids, wherein the total fatty acids comprise at least 50% DHA. Also provided is a method of making a biomass comprising culturing an oil-producing microorganism in a culture medium comprising a fatty acid synthesis inhibitor, wherein the biomass comprises at least 500 mg/g oil.

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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