

ABSTRACT

Provided is a free-polyunsaturated-fatty-acid-containing composition that has a total metal content of 0.1 ppm or less and that comprises at least one free polyunsaturated fatty acid having 20 or more carbon atoms, in an amount that is at least 80.0% of the amount of fatty acids in the composition; and a method for manufacturing a free-polyunsaturated-fatty-acid-containing composition, comprising: providing a raw material composition containing at least one polyunsaturated fatty acid having 20 or more carbon atoms; performing a hydrolysis treatment on a reaction solution prepared by combining the provided raw material composition, a lower alcohol, water having a total metal content of 0.01 ppm or less, and an alkali catalyst; and limiting the contact between the reaction composition and the metal after the hydrolysis treatment so that the product T [$\text{cm}^2 \times \text{days}$] of the contact surface area [cm^2] per 1 g and the contact time [days] between the composition and the metal is 100 or less.

[No Fig.]