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COTTON OIL REFINING METHOD

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ABSTRACT

A method for refining cottonseed oil sequentially with solutions of aluminate and sodium hydroxide, characterized in that in order to intensify the process, increase the yield and quality of refined oil, the solutions used are pretreated in an electromagnetic field. Known methods of refining vegetable oils and fats in the presence of various types of alkaline solutions and other chemical reagents by periodic and continuous methods in order to obtain refined fats of various qualities and chemical composition. Process intensification, increasing the yield and quality of refined oil. This goal is achieved by pretreating alkaline solutions of aluminate and sodium hydroxide in an electromagnetic field of various strengths in a two-stage crude cottonseed oil refining technology.

KEYWORDS: *Refined Cottonseed Oil, Crude Cottonseed Oil, Optimal Technological, Experiment, Partially Neutralized Oil, Process, Refining, Refining Method, Method, Neutralizer, Batch And Continuous Action, Concentration, Aluminate And Sodium Hydroxide Solutions, Excess, Food Processing, Final Refining, Two-Stage Gossypol Related Technology, Electromagnetic Processing, Analysis And Evaluation, Data, Feasibility.*

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