

Title: An improved process for recovery of oryzanol

Abstract:

The present invention relates to an improved process for preparation of oryzanol. In particular the invention describes a process for preparation of pure oryzanol from wet soapstock of rice bran oil". The oryzanol concentrate produced is of food grade and can be used in any industry for application as a micronutrient in health foods, pharmaceuticals and cosmetics forgetting lowering of cholesterol in the blood and for improvement of skin aging. In the present invention, the glycerides present in the oryzanol concentrate are removed by partitioning with hexane, the gums and wax are removed by precipitation with ketonic solvents and the free fatty acids are removed by treatment with alcohol thereby the purity and recovery of the final product has been improved to get 100% pure product.