

〈シンポジウム〉「基剤と添加物の役割」

## ワセリンの精製に関する研究

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### Studies on Purification of Petrolatum

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#### Abstract

All naturally derived petrolatums are purified by one or a combination of several processes, among them being such operations as the following: treatment with sulfuric acid followed by neutralization with sodium hydroxide; adsorption methods, i.e., filtration through bleaching earth, animal charcoal, silica gel, or aluminum silicate; selective solvent extraction; treatment with aluminum chloride; and catalytic hydrogenation.

The sulfuric acid treatment generates undesirable by-products and also eliminates those hydrocarbons that provide the necessary consistency of the final product, so it has been largely replaced nowadays by catalytic hydrogenation.