



COPY No.

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## THE GOVERNMENT PHARMACEUTICAL ORGANIZATION

## RAW MATERIAL SPECIFICATION

Title : Cetyl Alcohol USP/NF

(Item No. 41020700)

Spec. No : SP-AK30-C15

Reference(s) : USP36/NF31 p.1956-1957

Rev. No : 03

Other Requirements : GPO Specification

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USP36/NF31

## Description

: Unctuous, white flakes, granules, cubes, or castings. Has a faint characteristic odor.

## Solubility

: Soluble in alcohol and in ether, the solubility increasing with an increase in temperature; insoluble in water.

## Identification

: The retention time of the major peak of the Sample solution corresponds to that of the System suitability solution, as obtained in the Assay.

## Acid value

: Not more than 2.

## Hydroxyl value

: Between 218 and 238.

## Iodine value

: Not more than 5.

## Assay

: It contains not less than 90.0% of cetyl alcohol ( $C_{16}H_{34}O$ ), the remainder consisting chiefly of related alcohols.GPO Specification

## Melting range

: Between 45°C and 50°C.

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### Product Information

Approved source (s)	Refer to current version of Approved Vendor List of Cetyl Alcohol USP/NF (Item No. 41020700).
Sampling plan	1 + $\sqrt{N}$ plan.
Testing procedure	Tests to be performed as per current version of WI-AK30-C15.
Storage condition	Preserve in well-closed containers.
Retest period	1 year after first testing date.

เอกสารไม่ควบคุม  
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