

TECHNICAL SPECIFICATION

Product: SURFAC CS/BP

Date: 03/10/2018

Version: 6

Specification

| Property | Units | Minimum | Maximum |
|------------------------------------------------------|-----------------------|----------|---------|
| Appearance of solution (EP 2.2.1 and 2.2.2 method 2) | - | Conforms | |
| Melting Point | °C | 49.0 | 56.0 |
| Acid Value (ep 2.5.1) | mgKOH/g | | 1.0 |
| Hydroxyl Value (EP 2.5.3) | mgKOH/g | 208.0 | 228.0 |
| Iodine Value (EP 2.5.4) | gI ₂ /100g | | 2.0 |
| Saponification Value (EP 2.5.6) | mgKOH/g | | 2.0 |
| Stearyl Alcohol Content (EP 2.2.28) | % | 40.0 | |
| Stearyl and Cetyl Alcohol (EP 2.2.28) | % | 90.0 | |

Description

SURFAC CS/BP is a Cetostearyl alcohol flake based on natural alcohols. SURFAC CS/BP is tested to meet the current European Pharmacopoeia.

Features & Benefits

SURFAC CS/BP is Pharma Grade Cetostearyl Alcohol, for use in topical creams and lotions. Its primary functions are as an emulsifier, emollient and emulsion stabilizer/thickener.

Characters and Identification

| Property | |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appearance @20 °C | White or pale-yellow wax like mass, plates flakes or granules |
| Solubility | Practically insoluble in water, soluble in ethanol (95%) |
| Identification | The two principle peaks in the chromatogram obtained with the test solution during the assay were similar in retention time to the principle peaks in the chromatogram obtained with the reference solution. |

Handling & Storage

Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Must only be kept in original packaging.

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