

TECHNICAL DATA SHEET

SpecKare[®] DPA 98 (Panthenol)

Product No.: 120034

Introduction:

SpecKare[®] DPA 98 is Panthenol, Panthenol has more stable properties, better permeability and easy to penetrate the skin barrier. Panthenol is mainly used as moisturizer and skin conditioner in cosmetics. It can enhance the moisturizing effect of the product, relieve dry skin and enhance skin hydration. At the same time, it also has certain anti-inflammatory and repair effects. Panthenol is also an excellent hair and skin protector. Adding a certain amount of panthenol to skin care and hair care products, its molecules can penetrate into the skin cuticle and hair, and quickly reduce to vitamin B under the action of enzymes, which can keep the skin soft and the hair bright. Therefore, SpecKare[®] DPA 98 can be recommended as moisturizer, skin conditioner in skin care and hair care products.

Composition:

INCI Name: Panthenol

CAS No.: 81-13-0

EC No.: 201-327-3

Specification:

Items	Specification
Appearance	Colorless or yellowish, viscous and clear liquid
Assay (%)	98.0 - 102.0
Moisture (%)	≤ 1.0

Version: 4.0

Revision date: 2022.03.01

pH	≤ 10.5
Specific optical rotation	+29.0° - +31.5°
Aminopropanol (%)	≤ 1.0
Residue on ignition (%)	≤ 0.1
Refractive Index (20°C)	1.495 - 1.502
Lead	≤ 10 mg/kg
Arsenic	≤ 2 mg/kg
Mercury	≤ 1 mg/kg
Cadmium	≤ 5 mg/kg
Total plate count	≤ 100 cfu/g
Yeast & mould	≤ 100 cfu/g

Application:

Moisturizing, skin conditioner, anti-inflammatory, wound healing and etc.

Dosage:

0.5 - 5%

Storage:

Store at room temperature. Keep container tightly closed in a dry and well-ventilated place.

Shelf life:

2 years

Package:

20Kg/ plastic bucket

Version information:

Version 4.0: Appearance changed from colorless,viscous and clear liquid to colorless or yellowish, viscous and clear liquid.

Issued by: *Lilia* Inspector *Lily Wang* Issued Date: Mar. 01, 2022