Technical Data Sheet

Item Name:

DPA 98

PRODUCT INFORMATION

Chinese Name:	泛醇
Commodity Name:	DPA 98
Chemical Name:	Panthenol 98%
Other Name:	Dexpanthenol 98%
CAS No.:	81-13-0

PRODUCT DESCRIPTION

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, DPA 98 can be recommended as moisturizer, skin conditioner in in skin care and hair care products.

TECHNICAL SPECIFICATION

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

MAIN APPLICATION

Moisturizing, skin conditioner, anti-inflammatory, wound healing and etc. Dosage: 0.5 - 5%.

PACKING AND SHELF LIFE

Packing: 20kg/ plastic bucket
Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

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