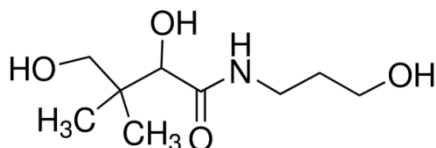


Technical Data Sheet

SFG DL-Panthenol

Panthenol
CAS# 16485-10-2



Mol. wt. 205.25
Formula C₉H₁₉NO₄

Feature

- Powder & Easy to use
- Moisturizing
- Softening

Description

SFG DL-Panthenol, which is also known as Pro-Vitamin B5, is a stable racemic mixture of D-Panthenol and L-Panthenol. Studies have shown D-Panthenol promotes stimulation of epithelization, granulation, mitigation of itching and has an anti-inflammatory effect.

Specifications

Item	Specification
Appearance	Well dispersed white powder
Assay (%)	99 ~ 102
Specific rotation (°)	-0.05 ~ +0.05
Melting range (°C)	64.5 ~ 68.5
Loss on drying (%)	Max. 0.5
Aminopropanol (%)	Max. 0.1
Heavy metals (ppm)	Max. 10
Residue on ignition (%)	Max. 0.1
Index	USP 28

Applications

SFG DL-Panthenol has the potential to improve the appearance of the skin, including dryness, roughness, scaling, pruritus and erythema. Further, its moisturizing properties improve stratum corneum hydration, reducing transepidermal water loss and maintaining skin elasticity and softness.

Storage

Keep container tightly closed. Keep container in a cool and well-ventilated area.

Shelf life

2 years