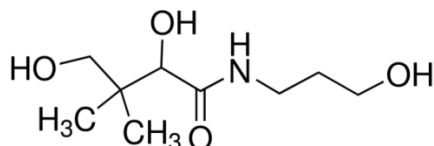


# Technical Data Sheet

## SFG DL-Panthenol

Panthenol

CAS# 16485-10-2



Mol. wt. 205.25

Formula C<sub>9</sub>H<sub>19</sub>NO<sub>4</sub>

### 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 – USP41

Item	Specification
Appearance	Well dispersed white powder
Identification	A. Infrared absorption B. A deep blue color develops C. A deep purplish red color develops
Assay (%)	99.0 ~ 102.0
Specific Rotation (°)	-0.05 ~ +0.05
Melting Range (°C)	64.5 ~ 68.5
Aminopropanol (%)	≤ 0.1
Loss on Drying (%)	≤ 0.5
Residue on ignition (%)	≤ 0.1
Heavy metals (ppm)	≤ 10

### 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