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TECHNICAL DATA SHEET

Date of Issue: 17/05/2019

Issue: 3

DL - Panthenol

INCI Name: Panthenol
Cas No: 16485 -10 -2
Synonyms: -2,4-dihydroxy-N-(3-hydroxypropyl)-3,3-dimethyl butanamide

D, L, Panthenol is a white to creamy coloured, crystalline powder which is freely soluble in water, alcohol and propylene glycol. The specification conforms to the USP monograph. The principle use of DL panthenol is in hair care applications particularly shampoos and conditioners.

Specification

Appearance	Creamy white powder
Assay, %	99.0 minimum
Melting Range, °C	64.5 – 68.5
Aminopropanol Content, %	0.1 maximum
Loss on Drying, %	0.1 maximum
Residue on Ignition,%	0.1 maximum
10% Aqueous Solution	Clear