



Classic Distributing Company

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TECHNICAL BULLETIN

DL Panthenol

Chemical Name: Panthenol
CAS Number: 16485-10-2

SPECIFICATIONS:

Molecular Weight	205.25
Solubility	Soluble in water, alcohol, propylene glycol
Odor	Characteristic
Appearance	White/Creamy powder
Identification (A,B,C)	Complies with USP
Melting Range	64.5 – 68.5 °C
Residue on Ignition	0.1% max
Loss on Drying	0.5% max (vacuum)
Aminopropanol	0.1% max
Assay	99.0% - 102.0%
Specific Rotation	-0.05° to +0.05°
Heavy Metals	20 ppm max
Organic Volatile Impurities	Complies with USP
Methylene Chloride (ppm)	500 max
IR	TMS

DESCRIPTION:

DL-Panthenol is the racemic form of Pantothenyl Alcohol. This material is a white to creamy powder. Another industry accepted term is pro-vitamin B-5. DL Panthenol has a principal use hair thickening and moisturization

Classic
Fine Ingredients

This information is believed to be reliable, but it is not to be construed as a warranty and no patent liability is assumed.