

# Panthenol USP

**INCI: Panthenol**

**CAS numbers: 16485-10-2**

## Description:

Panthenol is an additive that no hair care / skin care product should be without. It's strengthening properties are well-known and widely used in professional hair care formulations where it also provides lustre to the hair when used at 2.0%. Also well known for its anti-inflammatory properties for professional skin care formulations where it also acts as a powerful redness reducer when used at only 1.0%.



## Technical Data:

APPEARANCE:	WHITE, CREAMY POWDER
ODOR:	SLIGHT; CHARACTERISTIC
IDENTIFICATION A,B,C:	CONFORMS TO USP
ASSAY (%):	99 TO 102
AMINOPROPANOL (%):	0.1 MAX
LOSS ON DRYING (%):	0.5 MAX
RESIDUE ON IGNITION (%):	0.1 MAX
MELT POINT (°C):	64.5 TO 68.5
OPTICAL ROTATION:	-0.05 TO +0.05
ARSENIC (ppm):	3 MAX
HEAVY METALS (ppm):	10 MAX
METHYLENE CHLORIDE (ppm):	500 MAX

## Applications:

Used in skin care products to even skin tone, and reduce redness and irritation. Also repairs damaged skin and hair, and is in many after sun care products.



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