



Shay and Company

Supplier of Wholesale Oils, Butters, Waxes, Candle Supplies and Essential Oils

dl Panthenol

Lot# 20230512

Country of Origin: China

Manufacture Date: 05/2023

Expiration Date: 05/2026

Ingredient Name (INCI): Panthenol (Vitamin B5)

Composition: 100% Panthenol

Packaging: Drums, Pails, Buckets, Bags

Description: White, free-flowing powder

Applications: Skincare, Soap Manufacturing

CAS no: 16485-10-2

Suggested Use Level: 1 - 5%

Solubility: Water soluble

Melting Point: 64.5-69°C

Flash Point: n/a

Boiling Point: n/a

Vegan: Yes

Gluten Free: Yes

Allergen: None known

Food Grade: No

Test	Specification	Result
Assay	99.0 - 102.00%	99.8%
Free Amine as Aminopropanol	0.100% Max	0.01
Specific Rotation	neg 0.5 to 0.5	Conforms
Melting Point °C	64.5°C to 68.5°C	65.1°C - 67.1°C
Loss on Drying	0.5% max	0.20%
Residue on Ignition	0.1% max	0.02%
Heavy Metals	10ppm max	Conforms

Shelf life is guaranteed for three years from time of manufacture when stored in original, unopened container between 59° F to 86°F and protected from light. Shay and Company diligently sources and provides the highest quality ingredients, but it is the customer's responsibility to ensure the products purchase from Shay and Company meets their expectations. Any additional testing will be the responsibility of the customer.

SHAY AND COMPANY
10639 SE FULLER RD
PORTLAND, OR 97222

WWW.SHAYANDCOMPANY.COM
PH: 503-653-1155
EMAIL: ORDERS@SHAYANDCOMPANY.COM