



## Shay and Company

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

### **dl Panthenol**

**Lot# 20220212**

**Country of Origin: China**

**Manufacture Date: 02/2022**

**Expiration Date: 02/2024**

**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%	99.90%
Free Amine as Aminopropanol	0.100% Max	0.02%
Specific Rotation	neg 0.5 to 0.5	Conforms
Melting Point °C	64.5°C to 68.5°C	65.3°C - 67.3°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.

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