



CERTIFICATE OF ANALYSIS

Product: DL Panthenol USP

Batch No. 20250708-17995

Date: 11/09/2025

Manufacture Date: 07/14/2025

Retest Date: 07/13/2027

Items	Specifications	Results
Appearance	Off-white Solid Powder	Conforms
Assay, %	99.0 – 102.0 %	99.84 %
Specific Rotation	-0.05° - +0.05°	0
Melting Range	64.5 – 68.5° C	65.3 – 67.3°C
Identification A: (IR)	Proceed According to procedures, a	Conforms
B: (Color Test)	deep blue color develops	
C: (Color Test)	Proceeds according to procedures, a	Conforms
	purplish red color develops	
Loss on Drying, %	≤ 0.5 %	0.26 %
Limit of Aminopropanol	≤ 0.1 %	0.018 %
Residue on Ignition, %	≤ 0.1 %	0.024%
Organic Volatile Impurities	Meets USP Requirements	Conforms
Heavy Metals (Pb), ppm	≤ 10	8
Arsenic, ppm	≤ 3.0	Conforms
Methanol, ppm	≤ 3,000	Conforms
Methylene, ppm	≤ 600	Conforms

Conclusion: Conforms to the specifications

Country of Origin: China

Storage: Store in a sealed container in a cool, dry place.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier.