

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-13 17:08:55
 Date of Next Testing: 2027-01-03 17:08:55
 Product Name: **D-Panthenol**
 CAS Number: 81-13-0
 Specifications & Purity: analytical standard
 Lot #: D2301869
 SKU #: **P107367**
 Version: **0**
 Analysis #: **462147**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [a] ₂₀ /D(c=5 in H ₂ O)	29-31.5 (°)	29.61800°
Refractive index n ₂₀ /D	1.495-1.502	1.49806
Purity(HPLC)	99-100 (%)	99.71800 %
Appearance (P107367)	Colorless to pale yellow liquid or solid	Colorless to pale yellow liquid or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager