

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-09-12 18:29:31
Date of Next Testing: 2029-09-11 18:29:31
Product Name: **D-Panthenol**
CAS Number: 81-13-0
Specifications & Purity: $\geq 98\%$
Lot #: I2503515
SKU #: **P107368**
Version: **1**
Analysis #: **521512**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.20270 %
Refractive index n _{20/D}	1.498-1.5	1.49810
Purity(HPLC area)	98-100 (%)	98.32700 %
Specific Rotation [α] _{20/D} (c=5 in H ₂ O)	29-32 (°)	29.02000 °
Appearance (P107368)	Colorless to Yellow Viscous Liquid or solid	Colorless to Yellow Viscous Liquid or solid
Solubility in H ₂ O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure

