

Certificate of Analysis

Date of Testing: 2022-12-07 17:10:21
Date of Next Testing: 2026-12-06 17:10:21
Product Name: **D-Panthenol**
CAS Number: 81-13-0
Specifications & Purity: 98%
Lot #: E1829064
SKU #: **P107368**
Analysis: 164320
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.98 %
Specific Rotation [α] ₂₀ /D(c=5 in H ₂ O)	29-32 (°)	29.80 °
Purity(Titration by HClO ₄)	98-102 (%)	98.19 %
Refractive index n ₂₀ /D	1.498-1.5	1.50
Appearance (P107368)	Colorless to Yellow Viscous Liquid or solid	Colorless to Yellow Viscous Liquid or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager