

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-22 16:49:51
 Date of Next Testing: 2029-02-21 16:49:51
 Product Name: **D-pantethine**
 CAS Number: 16816-67-4
 Specifications & Purity: 80% in H₂O
 Lot #: B2512292
 SKU #: **D616317**
 Version: **1**
 Analysis #: **414451**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	18-22 (%)	21.68700 %
Assay(on the dried substance)	98-102.5 (%)	98.10000 %
Specific rotation [α] _{20/D} (1 g calculated on the anhydrous basis, water, 25 mL, 100 mm)	15-18(°)	15.14800 °
Appearance(D616317)	Clear, colorless to pale yellow viscous liquid	Clear, colorless to pale yellow viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager