

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-27 10:15:33

Date of Next Testing: 2029-10-26 10:15:33

Product Name: **D-Biotin**

CAS Number: 58-85-5

Specifications & Purity: Moligand™, ≥98%

Lot #: J2522416

SKU #: **B105433**

Version: **1**

Analysis #: **596166**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.16686 %
Purity(Neutralization titration)	98-100 (%)	99.70600 %
Sulfate Ash	0-0.1 (%)	0.00000 %
Specific Rotation [α] _{20/D} (c=2 in 0.1N NaOH)	89.5-91.5 (°)	89.51200 °
Appearance (B105433)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 2M NH ₄ OH , Colorless to light yellow, Clear, 50 mg/ml	pass	Pass



John Su
QA & QC Manager