

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-14 15:30:48

Date of Next Testing: 2030-03-13 15:30:48

Product Name: **D-Biotin**

CAS Number: 58-85-5

Specifications & Purity: Moligand™, ≥98%

Lot #: C2609277

SKU #: **B105433**

Version: **1**

Analysis #: **589607**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.02371 %
Sulfate Ash	0-0.1 (%)	0.01581 %
Specific Rotation [α] _{20/D} (c=2 in 0.1N NaOH)	89.5-91.5 (°)	89.54000 °
Purity(Neutralization titration)	98-100 (%)	98.51000 %
Appearance (B105433)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in 2M NH ₄ OH , Colorless to light yellow,Clear,50 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager