

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-22 14:32:48

Date of Next Testing: 2026-10-21 14:32:48

Product Name: **D-Biotin**

CAS Number: 58-85-5

Specifications & Purity: 98%

Lot #: J2217197

SKU #: **B105433****Analysis:** **134450**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.11 %
Specific Rotation [α] ₂₀ /D(c=2 in 0.1N NaOH)	89.5-91.5 (°)	90.15°
Sulfate Ash	0-0.1 (%)	0.05 %
Purity(Neutralization titration)	98-100 (%)	98.02 %
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