

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-14 10:25:54

Date of Next Testing: 2028-08-13 10:25:54

Product Name: **D-Biotin**

CAS Number: 58-85-5

Specifications & Purity: 98%

Lot #: H2408139

SKU #: **B105433**Version: **0**Analysis #: **340040**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	99.95 %
Loss on drying	0-1 (%)	0.75 %
Specific Rotation [a] _D 20/D(c=2 in 0.1N NaOH)	89.5-91.5 (°)	89.54°
Sulfate Ash	0-0.1 (%)	0.04 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
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

John Su
QA & QC Manager