

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-06 09:06:09
 Date of Next Testing: 2025-05-26 09:06:09
 Product Name: **D-Biotin**
 CAS Number: 58-85-5
 Specifications & Purity: ≥99% (HPLC), lyophilized powder
 Lot #: H2130030
 SKU #: **B105434**
Analysis: **235022**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₅ /D(c=2 in 0.1 M NaOH)	89-93 (°)	90.30°
Carbon by Elemental Analysis	48.5-49.9 (%)	48.90%
Nitrogen by Elemental Analysis	11.2-11.8 (%)	11.50%
Purity(HPLC)	98-100 (%)	98.50600%
Appearance (B105434)	White to Off-White Powder	White to Off-White Powder
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