

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-08 11:40:50
 Date of Next Testing: 2027-12-29 11:40:50
 Product Name: **D-Biotin**
 CAS Number: 58-85-5
 Specifications & Purity: Moligand™, ≥99%(HPLC), lyophilized powder
 Lot #: A2607200
 SKU #: **B105434**
 Version: **1**
 Analysis #: **626349**
 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 (°)	89.23100°
Carbon by Elemental Analysis	48.5-49.9 (%)	49.16700%
Nitrogen by Elemental Analysis	11.2-11.8 (%)	11.51400%
Purity(HPLC)	98-100 (%)	99.92400%
Appearance (B105434)	White to Off-White Powder	White to Off-White Powder
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