

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-07 19:04:23
 Date of Next Testing: 2027-04-27 19:04:23
 Product Name: **D-Biotin**
 CAS Number: 58-85-5
 Specifications & Purity: Moligand™, ≥99%(HPLC), lyophilized powder
 Lot #: D2527086
 SKU #: **B105434**
 Version: **1**
 Analysis #: **492445**
 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 (°)	90.36200°
Carbon by Elemental Analysis	48.5-49.9 (%)	49.16900%
Nitrogen by Elemental Analysis	11.2-11.8 (%)	11.55100%
Purity(HPLC)	98-100 (%)	99.79700%
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