

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-30 18:54:23
 Date of Next Testing: 2028-06-19 18:54:23
 Product Name: **D-Biotin**
 CAS Number: 58-85-5
 Specifications & Purity: Moligand™, ≥99%(HPLC), lyophilized powder
 Lot #: F2625259
 SKU #: **B105434**
 Version: **1**
 Analysis #: **704865**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	48.5-49.9 (%)	49.09700 %
Nitrogen by Elemental Analysis	11.2-11.8 (%)	11.49200 %
Purity(HPLC)	98-100 (%)	99.41300 %
Specific Rotation [α] _{25/D} (c=2 in 0.1 M NaOH)	89-93 (°)	89.12000 °
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