

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-27 09:28:27
 Date of Next Testing: 2026-04-26 09:28:27
 Product Name: **Biotin**
 CAS Number: 58-85-5
 Specifications & Purity: powder, BioReagent, suitable for cell culture, suitable for insect cell culture, suitable for plant cell culture, ≥99%
 Lot #: D2323814
 SKU #: **B433006**
 Version: **1**
 Analysis #: **203082**
 Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Carbon by Elemental Analysis	48.5-49.9 (%)	49.00%
Nitrogen by Elemental Analysis	11.2-11.8 (%)	11.50%
Purity(HPLC area)	99-100 (%)	99.88%
Appearance(B433006)	White to Off White Powder	White to Off White Powder
Solubility Colorless to Faint Yellow Clear(50 mg/ml, 2 M NH4OH)	pass	Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass
Insect Cell Test	Pass	Pass
Plant cell culture test	pass	Pass



John Su
QA & QC Manager