

## Certificate of Analysis

Date of Testing: 2024-12-20 10:21:24  
Date of Next Testing: 2026-12-20 10:21:24  
Product Name: **1, 2, 3, 4-Tetrahydro- $\beta$ -carboline**  
CAS Number: 16502-01-5  
Specifications & Purity:  $\geq 96\%$   
Lot #: B2324875  
SKU #: **T131784**  
Version: **1**  
Analysis #: **452596**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity(HPLC area)	96-100 (%)	96.05 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(T131784)	White to Orange to Tan Powder or Crystals	White to orange to tan powder or crystals



John Su  
QA & QC Manager