

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-31 15:44:07
 Date of Next Testing: 2026-05-30 15:44:07
 Product Name: **(S)-2,3,4,9-Tetrahydro-1H-carbazol-3-amine**
 CAS Number: 116650-34-1
 Specifications & Purity: $\geq 98\%$
 Lot #: E2324440
 SKU #: **S189872**
 Version: **1**
 Analysis #: **215458**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.51500 %
Enantiomeric Excess	98-100 (%)	99.52000 %
Appearance(S189872)	White to off-white to light yellow solid	white to off-white to light yellow solid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager