

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2026-03-13 14:57:29

Date of Next Testing: 2029-03-12 14:57:29

Product Name: **(S)-2,3,4,9-Tetrahydro-1H-carbazol-3-amine**

CAS Number: 116650-34-1

Specifications & Purity:  $\geq 98\%$

Lot #: E2324429

SKU #: **S189872**

Version: **1**

Analysis #: **668760**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                | Limit Values                             | Result                                   |
|--------------------------|------------------------------------------|------------------------------------------|
| Purity(HPLC area)        | 98-100 (%)                               | 99.51000 %                               |
| Enantiomeric Excess      | 98-100 (%)                               | 99.50000 %                               |
| 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