

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-31 15:36:49  
 Date of Next Testing: 2028-12-30 15:36:49  
 Product Name: **4-Phenyl-9H-carbazole**  
 CAS Number: 1201561-34-3  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: B2323088  
 SKU #: **P302578**  
 Version: **1**  
 Analysis #: **630127**  
 Storage Temperature: Room temperature

| Parameter           | Limit Values                                            | Result                                                  |
|---------------------|---------------------------------------------------------|---------------------------------------------------------|
| Purity(HPLC area)   | 98-100 (%)                                              | 99.84 %                                                 |
| Melting point       | 131-135 (°C)                                            | 134.50000 °C                                            |
| Appearance(P302578) | White to Light yellow to Light orange powder to crystal | White to Light yellow to Light orange powder to crystal |
| NMR Spectrum 1H     | Conforms to Structure                                   | Conforms to Structure                                   |



John Su  
QA & QC Manager