

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-14 10:55:42  
 Date of Next Testing: 2029-07-13 10:55:42  
 Product Name: **4'-Hydroxy-4-biphenylcarbonitrile**  
 CAS Number: 19812-93-2  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: I2128046  
 SKU #: **H124323**  
 Version: **1**  
 Analysis #: **540384**  
 Storage Temperature: Room temperature

| Parameter                        | Limit Values                               | Result                                     |
|----------------------------------|--------------------------------------------|--------------------------------------------|
| Purity(HPLC)                     | 98-100 (%)                                 | 99.11600 %                                 |
| Melting point                    | 195-200 (°C)                               | 199.28600 °C                               |
| Purity(Neutralization titration) | 98.5-101.5 (%)                             | 99.73400 %                                 |
| Appearance (H124323)             | white to tan powder,crystals and/or chunks | white to tan powder,crystals and/or chunks |
| Proton NMR spectrum              | Conforms to Structure                      | Conforms to Structure                      |



John Su  
QA & QC Manager