

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-22 11:22:32  
 Date of Next Testing: 2028-04-21 11:22:32  
 Product Name: **3,4-Dihydro-6-hydroxy-2(1H)-quinolinone**  
 CAS Number: 54197-66-9  
 Specifications & Purity:  $\geq 98\%$ (HPLC)(N)  
 Lot #: D2417275  
 SKU #: **D155349**  
 Version: **0**  
 Analysis #: **333592**  
 Storage Temperature: Room temperature

| Parameter                | Limit Values                                       | Result                                             |
|--------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(HPLC)             | 98-100 (%)                                         | 99.76000 %                                         |
| Melting point            | 236-242 (°C)                                       | 240.10000 °C                                       |
| Purity( total nitrogen ) | 97.5-102.5 (%)                                     | 98.26000 %                                         |
| Proton NMR spectrum      | Conforms to Structure                              | Conforms to Structure                              |
| Appearance (D155349)     | White to Tan Solid, Powder, Crystals and/or Chunks | White to Tan Solid, Powder, Crystals and/or Chunks |



John Su  
QA & QC Manager