

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-08 15:48:27  
 Date of Next Testing: 2026-08-07 15:48:27  
 Product Name: **8-Quinolinol N-oxide**  
 CAS Number: 1127-45-3  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: H2204072  
 SKU #: **Q123637**  
 Version: **1**  
 Analysis #: **091727**  
 Storage Temperature: Room temperature

| Parameter                      | Limit Values                                                    | Result                                                          |
|--------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Carbon by Elemental Analysis   | 65.4-68.8 (%)                                                   | 66.86000 %                                                      |
| Purity(HPLC)                   | 98-100 (%)                                                      | 99.33800 %                                                      |
| Nitrogen by Elemental Analysis | 8.4-8.9 (%)                                                     | 8.41000 %                                                       |
| Melting point                  | 137-141 (°C)                                                    | 140.99000 °C                                                    |
| Appearance (Q123637)           | White to Gray to Brown to Yellow to Green<br>Powder or Crystals | White to Gray to Brown to Yellow to Green<br>Powder or Crystals |
| Proton NMR spectrum            | Conforms to structure                                           | Conforms to Structure                                           |



John Su  
QA & QC Manager