

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-31 10:44:53  
 Date of Next Testing: 2028-10-30 10:44:53  
 Product Name: **4-Nitroquinoline N-oxide (4-NQO)**  
 CAS Number: 56-57-5  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: J2425532  
 SKU #: **N113910**  
 Version: **1**  
 Analysis #: **428946**  
 Storage Temperature: Store at -20°C

| Parameter                                                                   | Limit Values                                        | Result                                              |
|-----------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Purity(HPLC)                                                                | 98-100 (%)                                          | 99.76700 %                                          |
| Nitrogen by Elemental Analysis                                              | 14.4-15.1 (%)                                       | 14.72600 %                                          |
| Melting point                                                               | 154-157 (°C)                                        | 156.61000 °C                                        |
| Carbon by Elemental Analysis                                                | 55.4-58.3 (%)                                       | 56.61300 %                                          |
| Appearance (N113910)                                                        | Light Yellow to Orange<br>Powder,Crystals or Chunks | Light Yellow to Orange<br>Powder,Crystals or Chunks |
| Infrared spectrum                                                           | Conforms to Structure                               | Conforms to Structure                               |
| Solubility in Acetone , Yellow to Orange,Clear to<br>Slightly Hazy, 25mg/ml | pass                                                | Pass                                                |



John Su  
QA & QC Manager