

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-17 16:44:09  
 Date of Next Testing: 2028-01-17 16:44:09  
 Product Name: **Quinoline yellow**  
 CAS Number: 8003-22-3  
 Specifications & Purity: Dye content  $\geq 95\%$   
 Lot #: A2517013  
 SKU #: **Q336317**  
 Version: **1**  
 Analysis #: **458481**  
 Storage Temperature: Room temperature

| Parameter                                   | Limit Values                      | Result                            |
|---------------------------------------------|-----------------------------------|-----------------------------------|
| Purity(HPLC area)                           | 95-100 (%)                        | 99.33700 %                        |
| Wavelength (Absorbance , 0.01g/l, Methanol) | 285-291 (nm)                      | 289.00000 nm                      |
| Appearance(Q336317)                         | Yellow to very dark yellow Powder | Yellow to Very Dark Yellow Powder |
| Wavelength (Absorbance 431 - 437nm)         | pass                              | Pass                              |
| Wavelength (Absorbance 410 - 416 nm)        | pass                              | Pass                              |
| Infrared spectrum                           | Conforms to Structure             | Conforms to Structure             |



John Su  
QA & QC Manager