

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-12 11:27:27  
 Date of Next Testing: 2028-06-11 11:27:27  
 Product Name: **Quinoline-2-carboxylic Acid**  
 CAS Number: 93-10-7  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: E2431010  
 SKU #: **Q110294**  
 Version: **0**  
 Analysis #: **069535**  
 Storage Temperature: Room temperature

| Parameter                        | Limit Values          | Result                |
|----------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                     | 98-100 (%)            | 98.34700 %            |
| Purity(Neutralization titration) | 97.5-102.5 (%)        | 98.36000 %            |
| Melting point                    | 156-160 (°C)          | 158.45000 °C          |
| Proton NMR spectrum              | Conforms to Structure | Conforms to Structure |
| Solubility in MeOH               | almost transparency   | almost transparency   |



John Su  
QA & QC Manager