

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-10 19:14:54

Date of Next Testing: 2027-03-09 19:14:54

Product Name: **Quinoline-8-carboxaldehyde**

CAS Number: 38707-70-9

Specifications & Purity: 98%

Lot #: C23071105

SKU #: **Q123921**

**Analysis:** **191203**

Storage Temperature: Argon charged

| Parameter            | Limit Values                                    | Result                                          |
|----------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(HPLC)         | 98-100 (%)                                      | 98.42100 %                                      |
| Melting point        | 91-95 (°C)                                      | 94.86000 °C                                     |
| Appearance (Q123921) | yellow to tan to brown powder,crystals or solid | yellow to tan to brown powder,crystals or solid |
| Infrared spectrum    | Conforms to Structure                           | Conforms to Structure                           |
| Proton NMR spectrum  | Conforms to Structure                           | Conforms to Structure                           |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager