

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-12 14:50:28
 Date of Next Testing: 2027-07-11 14:50:28
 Product Name: **3-Quinolinecarboxaldehyde**
 CAS Number: 13669-42-6
 Specifications & Purity: $\geq 98\%$
 Lot #: G2306114
 SKU #: **Q123866**
 Version: **0**
 Analysis #: **005483**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	66-71 (°C)	67.72000 °C
Purity(GC)	98-100 (%)	98.18000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (Q123866)	white to yellow or brown powder, crystals, and/or chunks	white to yellow or brown powder, crystals, and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager