

Certificate of Analysis

Date of Testing: 2023-02-18 15:30:52

Date of Next Testing: 2027-02-17 15:30:52

Product Name: **4-Quinolinecarboxaldehyde**

CAS Number: 4363-93-3

Specifications & Purity: 97%

Lot #: B2311104

SKU #: **Q123539**

Analysis: **133642**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	96.5-103.5 (%)	99.60 %
Melting point	45-54 (°C)	53.36000 °C
Purity(GC)	97-100 (%)	98.87 %
NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (Q123539)	yellow to tan to brown powder, crystals or solid	White to yellow to orange to tan to brown powder, crystals or solid



John Su
QA & QC Manager