

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-10 17:00:58

Date of Next Testing: 2027-05-09 17:00:58

Product Name: **4-Quinolinecarboxylic acid**

CAS Number: 486-74-8

Specifications & Purity: 98%

Lot #: D23261195

SKU #: **Q123917**

Analysis: **222836**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	99.99%
Purity(HPLC)	98-100 (%)	99.59000%
Appearance (Q123917)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager