

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-03 11:33:24  
Date of Next Testing: 2026-03-02 11:33:24  
Product Name: **Quinoline-2,4-dicarboxylic acid**  
CAS Number: 5323-57-9  
Specifications & Purity: 95%  
Lot #: B2323266  
SKU #: **Q347116**  
Analysis: **164057**

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.05 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

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

John Su  
QA & QC Manager