

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-12 13:54:51

Date of Next Testing: 2027-10-11 13:54:51

Product Name: **2,2'-Bithiophene-5,5'-dicarboxaldehyde**

CAS Number: 32364-72-0

Specifications & Purity: >98.0%

Lot #: K1927114

SKU #: **B153048**

Analysis: **274419**

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

Parameter	Limit Values	Result
Melting point	213-217 (°C)	214.56000 °C
Purity(HPLC)	98-100 (%)	98.05000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(B153048)	Yellow to Amber powder to crystal	Yellow to Amber powder to crystal

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

John Su
QA & QC Manager