

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-12 16:31:08

Date of Next Testing: 2029-03-11 16:31:08

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

CAS Number: 32364-72-0

Specifications & Purity: $\geq 98\%$

Lot #: F2103069

SKU #: **B153048**

Version: **1**

Analysis #: **479036**

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

Parameter	Limit Values	Result
Melting point	213-217 (°C)	213.10000 °C
Purity(HPLC)	98-100 (%)	98.00000 %
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