

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-21 10:04:41

Date of Next Testing: 2029-05-20 10:04:41

Product Name: **5-Bromo-2,2'-bithiophene-5'-carboxaldehyde**

CAS Number: 110046-60-1

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: G2127072

SKU #: **B153192**

Version **0**

Analysis #: **511777**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	100.00000 %
Melting point	145-149 (°C)	145.14000 °C
Appearance (B153192)	White to Dark Yellow Powder or Crystals or Chunks	White to Dark Yellow Powder or Crystals or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager