

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-15 16:26:48

Date of Next Testing: 2026-08-14 16:26:48

Product Name: **Ethyl 5-bromothiophene-3-carboxylate**

CAS Number: 170355-38-1

Specifications & Purity: $\geq 95\%$

Lot #: H2309711

SKU #: **E191479**

Version: **1**

Analysis #: **256238**

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

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	98.45200 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager