

Certificate of Analysis

Date of Testing: 2025-04-08 11:13:15

Date of Next Testing: 2028-04-07 11:13:15

Product Name: **Ethyl 5-chloro-4-nitrothiophene-2-carboxylate**

CAS Number: 89640-03-9

Specifications & Purity: $\geq 97\%$

Lot #: C2526654

SKU #: **E187889**

Version: **2**

Analysis #: **416530**

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

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.98 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager