

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-07 10:26:45

Date of Next Testing: 2026-06-06 10:26:45

Product Name: **3-(Chlorosulfonyl)-2-thiophenecarboxylic Acid Methyl Ester**

CAS Number: 59337-92-7

Specifications & Purity: $\geq 95\%$

Lot #: E2330470

SKU #: **C467906**

Version: **1**

Analysis #: **216288**

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

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	97.46500 %
Appearance(C467906)	White to Tan to Orange to Green Powder or Crystals	White to Tan to Orange to Green Powder or Crystals
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager