

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-26 16:39:12

Date of Next Testing: 2027-10-25 16:39:12

Product Name: **Ethyl thiophene-3-carboxylate**

CAS Number: 5751-80-4

Specifications & Purity: $\geq 98\%$

Lot #: K2308144

SKU #: **E123056**

Version: **1**

Analysis #: **285578**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.52400 %
Refractive index n ₂₀ /D	1.522-1.523	1.52210
Appearance (E123056)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager