

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-20 14:13:07
 Date of Next Testing: 2027-01-20 14:13:07
 Product Name: **Ethyl 2-amino-4,5-dimethylthiophene-3-carboxylate**
 CAS Number: 4815-24-1
 Specifications & Purity: $\geq 98\%$
 Lot #: D2311035
 SKU #: **E133454**
 Version: **0**
 Analysis #: **465218**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	98.70000 %
Melting point	90-94 (°C)	93.10000 °C
Purity(HPLC)	98-100 (%)	99.50000 %
Appearance (E133454)	Light Yellow to Orange Powder, Crystals or Chunks	Light Yellow to Orange Powder, Crystals or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager