

## Certificate of Analysis

Date of Testing: 2024-11-22 17:15:45

Date of Next Testing: 2026-11-22 17:15:45

Product Name: **2-Amino-5-methylthiophene-3-carboxylic Acid Ethyl Ester**

CAS Number: 4815-32-1

Specifications & Purity:  $\geq 95\%$

Lot #: B2304415

SKU #: **E134982**

Version: **2**

Analysis #: **432340**

Storage Temperature: Store at 2-8°C

| Parameter            | Limit Values                                           | Result                                                 |
|----------------------|--------------------------------------------------------|--------------------------------------------------------|
| Purity(HPLC)         | 95-100 (%)                                             | 99.57600 %                                             |
| Appearance (E134982) | Yellow to purple Powder, Crystals or Crystalline Solid | Yellow to purple Powder, Crystals or Crystalline Solid |
| Proton NMR spectrum  | Conforms to Structure                                  | Conforms to Structure                                  |



John Su  
QA & QC Manager