

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-10-15 10:01:43

Date of Next Testing: 2027-10-15 10:01:43

Product Name: **4-Bromo-1H-pyrrole-2-carboxylic acid ethyl ester**

CAS Number: 433267-55-1

Specifications & Purity:  $\geq 97\%$

Lot #: C2224479

SKU # **E135142**

Version **0**

Analysis #: **586703**

| Parameter            | Limit Values                                     | Result                                           |
|----------------------|--------------------------------------------------|--------------------------------------------------|
| Purity(HPLC)         | 97-100 (%)                                       | 99.57000 %                                       |
| Appearance (E135142) | White to Yellow Crystals to Powder and/or Chunks | White to Yellow Crystals to Powder and/or Chunks |
| Proton NMR spectrum  | Conforms to Structure                            | Conforms to Structure                            |



John Su  
QA & QC Manager