

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-25 14:45:24

Date of Next Testing: 2029-11-24 14:45:24

Product Name: **Ethyl 2,4-Dimethylpyrrole-3-carboxylate**

CAS Number: 2199-51-1

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: K2511073

SKU #: **E156215**

Version: **1**

Analysis #: **612971**

Storage Temperature: Room temperature

| Parameter            | Limit Values                                                                           | Result                                                                                 |
|----------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Purity(GC)           | 98-100 (%)                                                                             | 99.62900 %                                                                             |
| Melting point        | 74-78 (°C)                                                                             | 77.98000 °C                                                                            |
| Proton NMR spectrum  | Conforms to Structure                                                                  | Conforms to Structure                                                                  |
| Appearance (E156215) | White to light yellow to light orange to light red<br>to light brown powder to crystal | White to light yellow to light orange to light red<br>to light brown powder to crystal |



John Su  
QA & QC Manager