

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-20 18:02:27

Date of Next Testing: 2027-07-19 18:02:27

Product Name: **Ethyl imidazole-2-carboxylate**

CAS Number: 33543-78-1

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

Lot #: G2312933

SKU # **E124091**

Version **0**

**Analysis #:** **218779**

Storage Temperature: Room temperature, Argon charged

| Parameter                    | Limit Values           | Result                 |
|------------------------------|------------------------|------------------------|
| Melting point                | 177-181 (°C)           | 179.52000 °C           |
| Purity(Nonaqueous Titration) | 97.5-102.5 (%)         | 99.68000 %             |
| Purity(GC)                   | 98-100 (%)             | 98.06400 %             |
| Appearance (E124091)         | White to Yellow Powder | White to Yellow Powder |
| Proton NMR spectrum          | Conforms to Structure  | Conforms to Structure  |



John Su  
QA & QC Manager