

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-28 17:18:07

Date of Next Testing: 2026-11-27 17:18:07

Product Name: **Ethyl 2-Piperidinecarboxylate**

CAS Number: 15862-72-3

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

Lot #: K2224923

SKU #: **E156317**

Version: **0**

Analysis #: **160647**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                         | 98-100 (%)                       | 99.19 %                          |
| Purity(Nonaqueous Titration)       | 98-100 (%)                       | 99.34 %                          |
| Refractive index n <sub>20/D</sub> | 1.454-1.458                      | 1.46                             |
| Appearance (E156317)               | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager