

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-31 15:39:06

Date of Next Testing: 2027-07-30 15:39:06

Product Name: **Ethyl 2-thiophenecarboxylate**

CAS Number: 2810-04-0

Specifications & Purity:  $\geq 99\%$

Lot #: G2312847

SKU #: **E113851**

Version: **0**

Analysis #: **219347**

Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Refractive index n <sub>20</sub> /D | 1.524-1.527                | 1.52560                    |
| Purity(GC)                          | 99-100 (%)                 | 99.47500 %                 |
| Density (20°C)                      | 1.163-1.166                | 1.16500                    |
| Appearance (E113851)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                   | Conforms to Structure      | Conforms to Structure      |



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QA & QC Manager