

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-30 15:59:19

Date of Next Testing: 2029-09-29 15:59:19

Product Name: **2-Acetylthiophene**

CAS Number: 88-15-3

Specifications & Purity:  $\geq 99\%$

Lot #: L2121138

SKU #: **A109378**

Version: **1**

Analysis #: **584177**

Storage Temperature: Room temperature, Argon charged

| Parameter                          | Limit Values                        | Result                              |
|------------------------------------|-------------------------------------|-------------------------------------|
| Refractive index n <sub>20/D</sub> | 1.564-1.566                         | 1.56530                             |
| Density (20°C)                     | 1.171-1.175                         | 1.17280                             |
| Purity(GC)                         | 99-100 (%)                          | 99.79600 %                          |
| Appearance (A109378)               | colorless to yellow to brown liquid | colorless to yellow to brown liquid |
| Proton NMR spectrum                | Conforms to Structure               | Conforms to Structure               |



John Su  
QA & QC Manager