

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-11 12:05:21  
Date of Next Testing: 2026-06-10 12:05:21  
Product Name: **5-Methylthiophene-2-carboxaldehyde**  
CAS Number: 13679-70-4  
Specifications & Purity: >97.0%(GC)  
Lot #: F2207197  
SKU #: **M157937**  
**Analysis: 091228**  
Storage Temperature: Store at 2-8°C,Argon charged

| Parameter                           | Limit Values                        | Result                              |
|-------------------------------------|-------------------------------------|-------------------------------------|
| Refractive index n <sub>20</sub> /D | 1.581-1.584                         | 1.58                                |
| Density (20°C)                      | 1.159-1.163                         | 1.16                                |
| Purity(GC)                          | 97-100 (%)                          | 99.56 %                             |
| Appearance (M157937)                | 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