

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-11 12:03:23  
Date of Next Testing: 2026-06-10 12:03:23  
Product Name: **5-Methylthiophene-2-carboxaldehyde**  
CAS Number: 13679-70-4  
Specifications & Purity: >97.0%(GC)  
Lot #: F2207192  
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