

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-30 11:07:03
Date of Next Testing: 2027-09-20 11:07:03
Product Name: **2-Thiophenecarboxaldehyde**
CAS Number: 98-03-3
Specifications & Purity: $\geq 98\%$
Lot #: I2525043
SKU #: **T107122**
Version: **0**
Analysis #: **585382**
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n ₂₀ /D | 1.589-1.592 | 1.59 |
| Density (20°C) | 1.218-1.228 | 1.22 |
| Purity(GC) | 98-100 (%) | 99.18 % |
| Water by Karl Fischer | 0-0.5 (%) | 0.09 % |
| Appearance (T107122) | Colorless to yellow brown liquid | Colorless to yellow brown liquid |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager