

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-21 13:49:06  
Date of Next Testing: 2027-03-20 13:49:06  
Product Name: **5-Chlorothiophene-2-carboxaldehyde**  
CAS Number: 7283-96-7  
Specifications & Purity: 97%  
Lot #: C2315224  
SKU #: **C123084**  
**Analysis: 202123**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.32 %
Density (20°C)	1.38-1.39	1.39
Refractive index n <sub>20</sub> /D	1.603-1.607	1.61
Appearance (C123084)	Yellow to Brown Liquid or Solid	Yellow to Brown Liquid or Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager