

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-07 09:41:32  
Date of Next Testing: 2027-10-06 09:41:32  
Product Name: **5-Chlorothiophene-2-carboxylic**  
CAS Number: 24065-33-6  
Specifications & Purity: 98%  
Lot #: A2006146  
SKU #: **C101862**  
Analysis: **281609**

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	98.48 %
Purity(GC)	98-100 (%)	99.71 %
Melting point	151-155 (°C)	154.85000 °C
Appearance (C101862)	white to beige to brown powder or crystals	white to beige to brown powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager