

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-13 17:23:54  
Date of Next Testing: 2025-02-12 17:23:54  
Product Name: **5-Cyanothiophene-2-carboxaldehyde**  
CAS Number: 21512-16-3  
Specifications & Purity: 97%  
Lot #: B23071265  
SKU #: **C168604**  
**Analysis: 150788**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.03 %
Appearance (C168604)	white to yellow powder , crystals or fibers	white to yellow powder , crystals or fibers
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager