

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-27 17:10:26

Date of Next Testing: 2026-07-26 17:10:26

Product Name: **4-Chlorobenzonitrile**

CAS Number: 623-03-0

Specifications & Purity: $\geq 98\%$

Lot #: G2222142

SKU #: **C105375**

Version **1**

Analysis #: **096598**

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.1 (%)	0.05 %
Purity(GC)	98-100 (%)	98.46 %
Melting point	91-94 (°C)	93.90000 °C
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance (C105375)	white to yellow crystal or flakes or solid	white to yellow crystal or flakes or solid

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager