

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-17 17:42:42

Date of Next Testing: 2027-07-16 17:42:42

Product Name: **2-Chloro-3-nitrotoluene**

CAS Number: 3970-40-9

Specifications & Purity: $\geq 98\%$

Lot #: G23111028

SKU #: **C123631**

Version: **1**

Analysis #: **236495**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.67100 %
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	99.82100 %
Refractive index n _{20/D}	1.556-1.56	1.55770
Density (20°C)	1.318-1.322	1.32100
Appearance (C123631)	Colorless to Yellow to Brown Liquid or Solid	Colorless to Yellow to Brown Liquid or Solid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager