

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-14 10:11:13

Date of Next Testing: 2025-11-03 10:11:13

Product Name: **2-Chloro-3-bromo thiophene**

CAS Number: 40032-73-3

Specifications & Purity: $\geq 97\%$

Lot #: G1203059

SKU #: **C101618**

Version: **0**

Analysis #: **293362**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.41700 %
Density (20°C)	1.834-1.838	1.83500
Refractive index n _{20/D}	1.598-1.601	1.60050
Appearance (C101618)	light yellow liquid	light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager