

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-25 09:40:11

Date of Next Testing: 2024-02-15 09:40:11

Product Name: **3-Bromothiophene**

CAS Number: 872-31-1

Specifications & Purity: $\geq 97\%$

Lot #: B2223243

SKU #: **B103164**

Version: **1**

Analysis #: **062594**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific gravity	1.717-1.727	1.72200
Refractive index n _{20/D}	1.5905-1.5925	1.59190
Purity(GC)	97-100 (%)	99.36700 %
Color Test	0-500 (APHA)	50.00000 APHA
Appearance (B103164)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager