

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-18 10:18:08

Date of Next Testing: 2026-11-08 10:18:08

Product Name: **3-Bromothiophene**

CAS Number: 872-31-1

Specifications & Purity: $\geq 97\%$

Lot #: B23021074

SKU #: **B103164**

Version: **1**

Analysis #: **432186**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific gravity	1.717-1.727	1.71800
Refractive index n _{20/D}	1.5895-1.5945	1.59230
Purity(GC)	97-100 (%)	99.78900 %
Color Test	0-500 (APHA)	1.36000 APHA
Appearance (B103164)	Colorless to Light yellow to yellow to Light orange clear liquid	Colorless to Light yellow to yellow to Light orange clear liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager