

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-11-15 18:54:31

Date of Next Testing: 2023-11-05 18:54:31

Product Name: **Thiophene**

CAS Number: 110-02-1

Specifications & Purity: 99%

Lot #: K2111952

SKU #: **T108259**

Analysis: **044092**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.525-1.53	1.53
Purity(GC)	99-100 (%)	99.65 %
Density (20°C)	1.063-1.068	1.07
Appearance (T108259)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager