

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-18 09:12:43
 Date of Next Testing: 2024-10-07 09:12:43
 Product Name: **Thiophene**
 CAS Number: 110-02-1
 Specifications & Purity: $\geq 99\%$
 Lot #: J2211141
 SKU #: **T108259**
 Version: **1**
 Analysis #: **145191**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.063-1.068	1.06770
Refractive index n _{20/D}	1.525-1.53	1.52740
Purity(GC)	99-100 (%)	99.79000 %
Appearance (T108259)	Colorless to light Yellow Liquid	Colorless to light Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager