

Certificate of Analysis

Date of Testing: 2021-11-16 16:35:59

Date of Next Testing: 2023-11-06 16:35:59

Product Name: **Thiophene**

CAS Number: 110-02-1

Specifications & Purity: 99%

Lot #: K2111999

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