

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-21 15:46:53

Date of Next Testing: 2026-10-20 15:46:53

Product Name: **Thiomorpholine**

CAS Number: 123-90-0

Specifications & Purity: 98%

Lot #: A1908173

SKU #: **T111124**

Analysis: **147190**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.537-1.54	1.54
Purity(GC)	98-100 (%)	99.47 %
Appearance (T111124)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager