

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-17 09:18:33

Date of Next Testing: 2027-05-16 09:18:33

Product Name: **Thiophene-3-acetonitrile**

CAS Number: 13781-53-8

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: E2308053

SKU #: **T162812**

Version: **1**

Analysis #: **039635**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.163-1.167	1.17
Purity(GC)	98-100 (%)	99.04 %
Refractive index n _{20/D}	1.543-1.546	1.54
Appearance (T162812)	Colorless to Light yellow or Light orange or brown clear liquid	Colorless to Light yellow or Light orange or brown clear 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