

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-05 16:06:36

Date of Next Testing: 2027-05-04 16:06:36

Product Name: **3-Thiopheneethanol**

CAS Number: 13781-67-4

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

Lot #: D2319776

SKU #: **T162832**

Version: **0**

**Analysis #:** **211172**

Storage Temperature: Room temperature

| Parameter                           | Limit Values                    | Result                          |
|-------------------------------------|---------------------------------|---------------------------------|
| Purity(GC)                          | 98-100 (%)                      | 98.54000 %                      |
| Refractive index n <sub>20</sub> /D | 1.551-1.556                     | 1.55365                         |
| Appearance (T162832)                | colorless to dark yellow liquid | colorless to dark yellow liquid |
| Infrared spectrum                   | Conforms to Structure           | Conforms to Structure           |

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

John Su  
QA & QC Manager