

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-14 16:56:09  
Date of Next Testing: 2027-07-13 16:56:09  
Product Name: **Thieno[3,2-b]thiophene**  
CAS Number: 251-41-2  
Specifications & Purity: 98%  
Lot #: G23051305  
SKU #: **T119992**  
**Analysis:** **228796**  
Storage Temperature: Room temperature, Argon charged

| Parameter            | Limit Values  | Result  |
|----------------------|---|---|
| Purity(GC)           | 98-100 (%)  | 99.22 %   |
| Melting point        | 54-58 (°C)  | 57.85000 °C   |
| Appearance (T119992) | White to Yellow to Gray to Brown to Beige powder to crystal | White to Yellow to Gray to Brown to Beige powder to crystal |
| Proton NMR spectrum  | Conforms to structure                                       | Conforms to Structure                                       |



John Su  
QA & QC Manager