

## Certificate of Analysis

Date of Testing: 2023-06-05 09:48:23  
Date of Next Testing: 2027-06-04 09:48:23  
Product Name: **Thieno[3,2-b]thiophene**  
CAS Number: 251-41-2  
Specifications & Purity: 98%  
Lot #: E23261136  
SKU #: **T119992**  
**Analysis:** **221950**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.49 %
Melting point	54-58 (°C)	57.74000 °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