

## Certificate of Analysis

Date of Testing: 2024-10-12 14:31:20  
Date of Next Testing: 2026-10-12 14:31:20  
Product Name: **2-Mercaptothiazole**  
CAS Number: 82358-09-6  
Specifications & Purity: 97%  
Lot #: A2306586  
SKU #: **M136894**  
Version: **1**  
Analysis #: **418768**

Parameter	Limit Values	Result
Purity(Neutralization titration)	96.5-103.5 (%)	99.10%
Melting point	78-82 (°C)	78.10000 °C
Purity(HPLC area)	97-100 (%)	97.09%
Appearance (M136894)	Light brown to brown powder or crystals or solid	Light brown to brown powder or crystals or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager