

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-30 15:18:02  
Date of Next Testing: 2026-10-30 15:18:02  
Product Name: **2-Mercaptothiazole**  
CAS Number: 82358-09-6  
Specifications & Purity:  $\geq 97\%$   
Lot #: A2306538  
SKU #: **M136894**  
Version: **1**  
Analysis #: **420967**

| Parameter                        | Limit Values                                     | Result   |
|----------------------------------|--|--|
| Purity(Neutralization titration) | 96.5-103.5 (%)                                   | 101.83 %   |
| Melting point                    | 78-82 (°C)                                       | 80.62500 °C                                      |
| Purity(HPLC area)                | 97-100 (%)                                       | 98.19 %  |
| Proton NMR spectrum              | Conforms to Structure                            | Conforms to Structure                            |
| Appearance (M136894)             | Light brown to brown powder or crystals or solid | Light brown to brown powder or crystals or solid |



John Su  
QA & QC Manager