

## Certificate of Analysis

Date of Testing: 2023-03-16 14:35:13  
Date of Next Testing: 2025-03-15 14:35:13  
Product Name: **2-Mercapto-4-methyl-5-thiazoleacetic acid**  
CAS Number: 34272-64-5  
Specifications & Purity: 98%  
Lot #: 11523049  
SKU #: **W133389**  
Analysis: **200346**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	98.12%
Purity(HPLC)	98-100 (%)	98.12600%
Appearance (W133389)	White to yellow powder or crystals	White to yellow powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager