

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-22 15:14:43  
Date of Next Testing: 2026-12-21 15:14:43  
Product Name: **3-Mercaptopropionic acid**  
CAS Number: 107-96-0  
Specifications & Purity: 99%,for biochemical analysis  
Lot #: L2214356  
SKU #: **M103036**  
Version: **1**  
Analysis #: **171343**  
Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.49-1.494	1.49
Density (25°C)	1.222-1.225	1.22
Purity(GC)	99-100 (%)	99.00%
Purity (Titration by NaOH)	98.5-101.5 (%)	99.38%
Appearance (M103036)	White or Colorless to Almost white or Almost colorless to Yellow powder to lump to liquid	White or Colorless to Almost white or Almost colorless to Yellow powder to lump to liquid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager