

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-15 16:29:38

Date of Next Testing: 2029-12-14 16:29:38

Product Name: **3-Mercaptopropionic acid**

CAS Number: 107-96-0

Specifications & Purity: Biochemical, ≥99%

Lot #: L2509014

SKU #: **M103036**

Version: **1**

Analysis #: **561149**

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 (%)                                                                                | 99.02 %                                                                                   |
| Purity (Titration by NaOH)          | 98.5-101.5 (%)                                                                            | 99.47 %                                                                                   |
| 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