

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-23 15:35:33  
Date of Next Testing: 2028-10-22 15:35:33  
Product Name: **1-Thioglycerol**  
CAS Number: 96-27-5  
Specifications & Purity:  $\geq 99\%$   
Lot #: J2421719  
SKU #: **T141418**  
Version: **2**  
Analysis #: **420314**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 99-100 (%)                       | 99.20 %                          |
| Ignition Residue                    | 0-0.15 (%)                       | 0.14 %                           |
| Refractive index n <sub>20</sub> /D | 1.525-1.53                       | 1.53                             |
| Appearance (T141418)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to structure            | Conforms to Structure            |



John Su  
QA & QC Manager