

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-09-16 14:54:30  
Date of Next Testing: 2030-09-15 14:54:30  
Product Name: **1-Thioglycerol**  
CAS Number: 96-27-5  
Grades & Purity: for cell culture, ≥97%  
Lot #: I2610820  
SKU #: **T109442**  
Version: **0**  
Analysis #: **761899**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /D | 1.525-1.53                       | 1.52720                          |
| Purity(GC)                          | 97-100 (%)                       | 99.94900 %                       |
| Density (20°C)                      | 1.246-1.251                      | 1.24640                          |
| Appearance (T109442)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |
| Cell Culture Test                   | pass                             | Pass                             |



John Su  
QA & QC Manager