

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-16 11:49:33

Date of Next Testing: 2029-09-15 11:49:33

Product Name: **1-Thioglycerol**

CAS Number: 96-27-5

Specifications & Purity: for cell culture,  $\geq 97\%$

Lot #: I2512081

SKU # **T109442**

Version **0**

**Analysis #:** **398854**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20/D</sub> | 1.525-1.53                       | 1.52722                          |
| Purity(GC)                         | 97-100 (%)                       | 99.88000 %                       |
| Density (20°C)                     | 1.246-1.251                      | 1.24630                          |
| 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                             |



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QA & QC Manager