

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-15 10:40:24  
Date of Next Testing: 2028-08-14 10:40:24  
Product Name: **Glycerol**  
CAS Number: 56-81-5  
Specifications & Purity: for molecular biology,  $\geq 99\%$   
Lot #: H2409099  
SKU #: **G116208**  
Version: **0**  
Analysis #: **241560**

| Parameter   | Limit Values     | Result           |
|---|------------------|------------------|
| Magnesium(Mg)   | 0-5 (ppm)        | 0.00 ppm         |
| Heavy metal (as Pb)                                   | 0-5 (ppm)        | 0.00 ppm         |
| Iron(Fe)  | 0-5 (ppm)        | 0.00 ppm         |
| Purity(GC)  | 99-100 (%)       | 99.84 %          |
| Appearance (G116208)                                  | Colorless Liquid | Colorless liquid |
| DNase, Exonuclease Detection                          | None Detected    | none detected    |
| Endonuclease Detection                                | None Detected    | none detected    |
| phosphatases  | none detected    | none detected    |
| proteases   | none detected    | none detected    |
| RNases  | none detected    | none detected    |
| Solubility,Clear, colorless solution, 1 mL/mL in H2O. | pass             | Pass             |



John Su  
QA & QC Manager