

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-26 18:13:22  
 Date of Next Testing: 2030-01-25 18:13:22  
 Product Name: **Ethylene glycol**  
 CAS Number: 107-21-1  
 Specifications & Purity:  $\geq 99\%$ (GC)  
 Lot #: A2614210  
 SKU #: **E103322**  
 Version: **1**  
 Analysis #: **651312**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Sulfate Ash                    | 0-0.005 (%)           | 0.00000 %             |
| Water by Karl Fischer          | 0-0.1 (%)             | 0.01480 %             |
| Purity(GC)                     | 99-100 (%)            | 99.69900 %            |
| Iron(Fe)                       | 0-0.5 (ppm)           | 0.00000 ppm           |
| Acidity (CH <sub>3</sub> COOH) | 0-0.0002 (mg/g)       | 0.00000 mg/g          |
| Density (20°C)                 | 1.113-1.117           | 1.11400               |
| Color Test                     | 0-10                  | 5.00000               |
| Appearance (E103322)           | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum              | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager