

Certificate of Analysis

Date of Testing: 2022-10-13 18:54:36

Date of Next Testing: 2026-10-12 18:54:36

Product Name: **Ethylene glycol**

CAS Number: 107-21-1

Specifications & Purity: >99% (GC)

Lot #: J2211420

SKU #: **E103322**

Analysis: 143602

| Parameter | Limit Values | Result |
|--------------------------------|-----------------------|-----------------------|
| Sulfate Ash | 0-0.005 (%) | 0.00 % |
| Water by Karl Fischer | 0-0.1 (%) | 0.03 % |
| Purity(GC) | 99-100 (%) | 99.84 % |
| Chloride (Cl-) | 0-0.2 (ppm) | 0.20 ppm |
| Iron(Fe) | 0-0.5 (ppm) | 0.40 ppm |
| Acidity (CH ₃ COOH) | 0-0.0002 (mg/g) | 0.00 mg/g |
| Density (20°C) | 1.113-1.117 | 1.12 |
| Color Test | 0-10 | 8.23 |
| Appearance (E103322) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager