

## Certificate of Analysis

Date of Testing: 2024-09-04 10:54:24

Date of Next Testing: 2028-09-03 10:54:24

Product Name: **Ethylene glycol**

CAS Number: 107-21-1

Specifications & Purity: >99% (GC)

Lot #: H2430215

SKU #: **E103322**

Version: **1**

Analysis #: **350173**

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Purity(GC)                     | 99-100 (%)            | 99.90 %               |
| Sulfate Ash                    | 0-0.005 (%)           | 0.00 %                |
| Water by Karl Fischer          | 0-0.1 (%)             | 0.08 %                |
| Iron(Fe)                       | 0-0.5 (ppm)           | 0.40 ppm              |
| Acidity (CH <sub>3</sub> COOH) | 0-0.0002 (mg/g)       | 0.00 mg/g             |
| Density (20°C)                 | 1.113-1.117           | 1.11                  |
| Color Test                     | 0-10                  | 8.00                  |
| Appearance (E103322)           | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum              | Conforms to Structure | Conforms to Structure |



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QA & QC Manager