

## Certificate of Analysis

Date of Testing: 2023-02-03 10:47:53

Date of Next Testing: 2027-02-02 10:47:53

Product Name: **Ethylene glycol**

CAS Number: 107-21-1

Specifications & Purity: >99% (GC)

Lot #: A23311100

SKU #: **E103322**

**Analysis: 182341**

Parameter	Limit Values	Result
Sulfate Ash	0-0.005 (%)	0.00 %
Water by Karl Fischer	0-0.1 (%)	0.05 %
Purity(GC)	99-100 (%)	99.68 %
Chloride (Cl-)	0-0.2 (ppm)	0.16 ppm
Iron(Fe)	0-0.5 (ppm)	0.31 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	8.50
Appearance (E103322)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager