

## Certificate of Analysis

Date of Testing: 2023-02-03 10:25:08  
Date of Next Testing: 2027-02-02 10:25:08  
Product Name: **Ethylene glycol**  
CAS Number: 107-21-1  
Specifications & Purity: spectrographic grade, ≥99%  
Lot #: A23311098  
SKU #: **E103321**  
**Analysis:** **172316**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.68 %
UV Absorbance 210nm	0-1	0.18
UV Absorbance 300nm	0-0.01	0.01
UV Absorbance 250nm	0-0.1	0.04
UV Absorbance 220nm	0-0.4	0.12
Water by Karl Fischer	0-0.05 (%)	0.05 %
Appearance (E103321)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
λ, H2O reference	Pass	Pass



John Su  
QA & QC Manager