

## Certificate of Analysis

Date of Testing: 2023-09-22 10:30:10  
Date of Next Testing: 2027-09-21 10:30:10  
Product Name: **Ethylene glycol**  
CAS Number: 107-21-1  
Specifications & Purity: anhydrous, 99.8%  
Lot #: I2319344  
SKU #: **E119700**  
Analysis: **280440**

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.43-1.433	1.43
Density (20°C)	1.113-1.117	1.11
Water by Karl Fischer	0-0.003 (%)	0.00 %
Purity(GC)	99.8-100 (%)	99.93 %
Appearance (E119700)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager