

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-29 14:22:27  
Date of Next Testing: 2029-11-28 14:22:27  
Product Name: **Ethylene glycol**  
CAS Number: 107-21-1  
Specifications & Purity:  $\geq 99\%$ (GC)  
Lot #: K2524186  
SKU #: **E103322**  
Version: **1**  
Analysis #: **614372**

Parameter	Limit Values	Result
Sulfate Ash	0-0.005 (%)	0.00 %
Water by Karl Fischer	0-0.1 (%)	0.01 %
Purity(GC)	99-100 (%)	99.70 %
Iron(Fe)	0-0.5 (ppm)	0.00 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



John Su  
QA & QC Manager