

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-17 18:40:49

Date of Next Testing: 2029-06-16 18:40:49

Product Name: **Ethylene glycol**

CAS Number: 107-21-1

Specifications & Purity: $\geq 99\%$ (GC)

Lot #: F2513155

SKU #: **E103322**

Version: **1**

Analysis #: **531140**

Parameter	Limit Values	Result
Sulfate Ash	0-0.005 (%)	0.00 %
Water by Karl Fischer	0-0.1 (%)	0.05 %
Purity(GC)	99-100 (%)	99.57 %
Iron(Fe)	0-0.5 (ppm)	0.00 ppm
Acidity (CH ₃ COOH)	0-0.0002 (mg/g)	0.00 mg/g
Density (20°C)	1.113-1.117	1.11
Color Test	0-10	7.00
Appearance (E103322)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager