

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-18 09:38:40
 Date of Next Testing: 2029-09-17 09:38:40
 Product Name: **Ethylene glycol**
 CAS Number: 107-21-1
 Specifications & Purity: $\geq 99\%$ (GC)
 Lot #: I2510229
 SKU #: **E103322**
 Version: **1**
 Analysis #: **580606**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Sulfate Ash	0-0.005 (%)	0.00000 %
Water by Karl Fischer	0-0.1 (%)	0.03200 %
Purity(GC)	99-100 (%)	99.16600 %
Iron(Fe)	0-0.5 (ppm)	0.02100 ppm
Acidity (CH ₃ COOH)	0-0.0002 (mg/g)	0.00000 mg/g
Density (20°C)	1.113-1.117	1.11301
Color Test	0-10	2.00000
Appearance (E103322)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager