

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-24 09:20:17
 Date of Next Testing: 2029-11-23 09:20:17
 Product Name: **Diethylene glycol (DEG)**
 CAS Number: 111-46-6
 Specifications & Purity: $\geq 99\%$ (GC)
 Lot #: K2518221
 SKU #: **D110833**
 Version: **1**
 Analysis #: **612026**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.30000 %
Water by Karl Fischer	0-0.2 (%)	0.06330 %
Refractive index n ₂₀ /D	1.445-1.448	1.44560
Acidity (CH ₃ COOH)	0-0.01 (%)	0.00100 %
Appearance (D110833)	Colorless to Almost colorless to Light Yellow clear liquid or Viscous Liquid or clear oily liquid	Colorless to Almost colorless to Light Yellow clear liquid or Viscous Liquid or clear oily liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager