

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-27 10:18:53  
Date of Next Testing: 2028-06-26 10:18:53  
Product Name: **Diethylene glycol**  
CAS Number: 111-46-6  
Specifications & Purity: >99%(GC)  
Lot #: F2418372  
SKU #: **D110833**  
Version: **1**  
Analysis #: **364374**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.2 (%)	0.06 %
Refractive index n <sub>20</sub> /D	1.445-1.448	1.45
Acidity (CH <sub>3</sub> COOH)	0-0.01 (%)	0.00 %
Purity(GC)	99-100 (%)	99.61 %
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