

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-07 15:55:56

Date of Next Testing: 2027-09-06 15:55:56

Product Name: **Diethylene glycol**

CAS Number: 111-46-6

Specifications & Purity: >99%(GC)

Lot #: H2325384

SKU #: **D110833****Analysis: 265146**

Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-------------------------------------|--|--|
| Water by Karl Fischer | 0-0.2 (%) | 0.03 % |
| Refractive index n ₂₀ /D | 1.445-1.448 | 1.45 |
| Acidity (CH ₃ COOH) | 0-0.01 (%) | 0.00 % |
| Purity(GC) | 99-100 (%) | 99.76 % |
| 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