

Certificate of Analysis

Date of Testing: 2022-04-20 15:13:20
Date of Next Testing: 2026-04-19 15:13:20
Product Name: **Diethylene glycol**
CAS Number: 111-46-6
Specifications & Purity: >99%(GC)
Lot #: D2219067
SKU #: **D110833**
Analysis: **082189**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer | 0-0.2 (%) | 0.02 % |
| Refractive index n ₂₀ /D | 1.445-1.448 | 1.45 |
| Acidity (CH ₃ COOH) | 0-0.01 (%) | 0.00 % |
| Purity(GC) | 99-100 (%) | 99.54 % |
| Density (20°C) | 1.117-1.12 | 1.12 |
| Appearance (D110833) | clear oily liquid | clear oily liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager