

## Certificate of Analysis

Date of Testing: 2023-05-12 13:38:50

Date of Next Testing: 2027-05-11 13:38:50

Product Name: **Diethylene glycol**

CAS Number: 111-46-6

Specifications &amp; Purity: &gt;99%(GC)

Lot #: E2308230

SKU #: **D110833****Analysis: 214859**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.2 (%)	0.02 %
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 (%)	99.86 %
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