

Certificate of Analysis

Date of Testing: 2024-06-03 10:57:35

Date of Next Testing: 2027-06-03 10:57:35

Product Name: **Diethylene glycol**

CAS Number: 111-46-6

Specifications & Purity: Ultrapure BioReagent, $\geq 99.0\%$ (GC)

Lot #: E2423357

SKU #: **D476199**

Version: **1**

Analysis #: **363683**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.82%
UV - ABS. AT 260 NM(50 mg/mL in H ₂ O)	≤ 0.060	0.01370
UV - ABS. AT 280 NM(50 mg/mL in H ₂ O)	≤ 0.030	0.00920
Appearance(D476199)	colorless clear liquid	Colorless clear liquid
solubility,1.500 G IN 30 ML H ₂ O clear, colorless	pass	Pass
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager