

Certificate of Analysis

Date of Testing: 2024-09-26 17:42:00

Date of Next Testing: 2027-09-26 17:42:00

Product Name: **Diethylene glycol**

CAS Number: 111-46-6

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

Lot #: I2425297

SKU # **D476199**

Version **1**

Analysis #: **415249**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.95 %
UV - ABS. AT 260 NM(50 mg/mL in H ₂ O)	≤ 0.060	0.02230
UV - ABS. AT 280 NM(50 mg/mL in H ₂ O)	≤ 0.030	0.01660
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