

## Certificate of Analysis

Date of Testing: 2024-09-26 18:38:33

Date of Next Testing: 2027-09-26 18:38:33

Product Name: **Diethylene glycol**

CAS Number: 111-46-6

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

Lot #: I2425298

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 <sub>2</sub> O)             | $\leq 0.060$           | 0.02230                |
| UV - ABS. AT 280 NM(50 mg/mL in H <sub>2</sub> O)             | $\leq 0.030$           | 0.01660                |
| Appearance(D476199)                                           | colorless clear liquid | Colorless clear liquid |
| solubility,1.500 G IN 30 ML H <sub>2</sub> O clear, colorless | pass                   | Pass                   |
| NMR Spectrum 1H                                               | Conforms to structure  | Conforms to Structure  |



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