

CERTIFICATE OF ANALYSIS

(Certificate No. KME117007-02)

Release Date: 15/04/2026

Re-test Date: 14/04/2029

Diethyleneglycol

Identification

Chemical Name :
2,2'-oxydiethanol (as per EP)

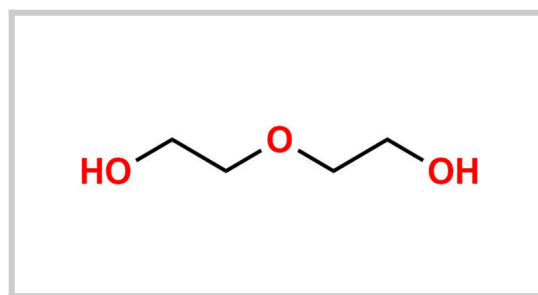
Alt. Name : Diethylene Glycol

CAT No. : KME117007

CAS No. : 111-46-6

Molecular Formula : C₄H₁₀O₃

Molecular Weight : 106.1



Analytical Information

Batch No. : E117007-114-256

Description : Colorless Liquid

GC Purity : 99.96 %

Weight Loss By TGA : 3.29 %

% Potency : 96.67 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = $[100 - 3.29(\text{Weight Loss By TGA})] \times [99.96(\text{GC Purity})]/100 = 96.67 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		15/04/2026

Attachments : COA, GC, MASS, ¹H NMR, IR and TGA