CERTIFICATE OF ANALYSIS

(Certificate No. KMT198003-01)

Release Date: 09/05/2026 **Re-test Date:** 08/05/2029

TROLAMINE EP IMPURITY B

Identification

Chemical Name :
2,2′-iminodiethanol (as per EP)

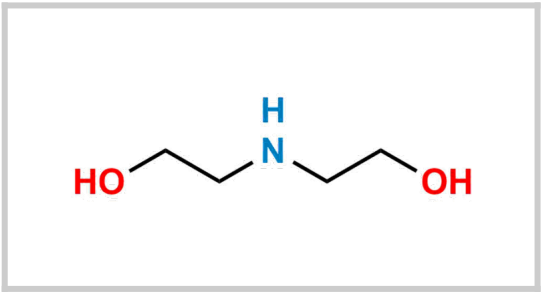
Alt. Name : Diethanolamine (EP)

CAT No. : KMT198003

CAS No. : 111-42-2

Molecular Formula : C4H11NO2

Molecular Weight : 105.1



Analytical Information

Batch No.	: T198003-114-302	**Solubility**	: MDC
Description	: Colorless Liquid	**Mass**	: Confirm
GC Purity	: 97.91 %	**IR**	: Confirm
Weight Loss By TGA	: 0.69 %	**1H NMR**	: Confirm
% Potency	: 97.23 %		

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 - 0.69(Weight Loss By TGA)] x [97.91(GC Purity)]/100 = 97.23 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		09/05/2026

Attachments : COA, GC, MASS, 1HNMR, IR and TGA