CERTIFICATE OF ANALYSIS

(Certificate No. KMT013016-01)

Release Date: 11/09/2025 **Re-test Date:** 10/09/2028

Ethane-1,2-diamine

Identification

Chemical Name :
Ethane-1,2-diamine (As per EP)

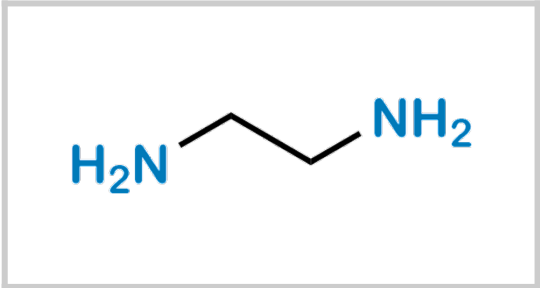
Alt. Name : Ethylenediamine (EP)

CAT No. : KMT013016

CAS No. : 107-15-3

Molecular Formula : C2H8N2

Molecular Weight : 60.1



Analytical Information

Batch No. : T013016-102-266

Description : Colorless Liquid.

GC Purity : 99.98 %

Weight Loss By KF : 2.18 %

% Potency : 97.8 %

Solubility : Acetonitrile

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 - 2.18(Weight Loss By KF)] x [99.98(GC Purity)]/100 = 97.8 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Bhargav Kathiriya		11/09/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		11/09/2025

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