

CERTIFICATE OF ANALYSIS

(Certificate No. KML024013-01)

Release Date: 01/05/2025

Re-test Date: 30/04/2028

Lidocaine EP Impurity A

Identification

Chemical Name :
2,6-Dimethylaniline (as per EP)

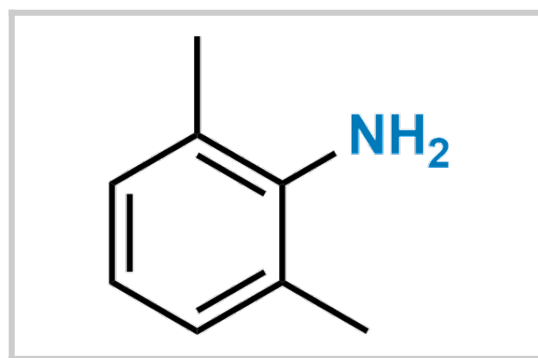
Alt. Name : Bupivacaine EP Impurity F ;
Lidocaine USP Impurity A

CAT No. : KML024013

CAS No. : 87-62-7

Molecular Formula : C₈H₁₁N

Molecular Weight : 121.2



Analytical Information

Batch No. : L024013-102-003

Description : Light Brown Liquid

HPLC Purity : 99.95 %

Weight Loss By TGA : 3.18 %

% Potency : 96.77 %

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 - 3.18(Weight Loss By TGA)] x [99.95(HPLC Purity)]/100 = 96.77 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		03/05/2025

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