

CERTIFICATE OF ANALYSIS

(Certificate No. KMM053006-01)

Release Date: 26/11/2024

Re-test Date: 25/11/2027

2,3-Dimethylaniline

Identification

Chemical Name :
2,3-Dimethylaniline

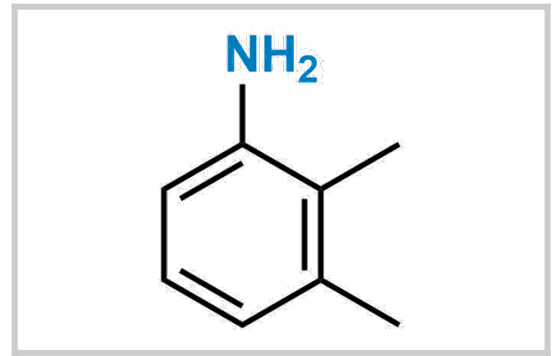
Alt. Name : 2,3-Dimethylaniline (USP) ; 2,3-Xylidine

CAT No. : KMM053006

CAS No. : 87-59-2

Molecular Formula : C₈H₁₁N

Molecular Weight : 121.2



Analytical Information

Batch No. : M053006-091-045

Description : Brown Liquid

HPLC Purity : 98.75 %

Weight Loss By TGA : 3.96 %

% Potency : 94.84 %

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 - 3.96(Weight Loss By TGA)] x [98.75(HPLC Purity)]/100 = 94.84 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		27/11/2024

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