CERTIFICATE OF ANALYSIS

(Certificate No. KMM053006-01)

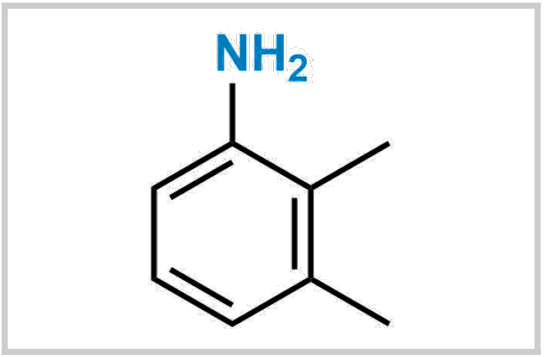
Release Date: 26/11/2024 **Re-test Date:** 25/11/2027

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	**Solubility**	: Acetonitrile
Description	: Brown Liquid	**Mass**	: Confirm
HPLC Purity	: 98.75 %	**IR**	: Confirm
Weight Loss By TGA	: 3.96 %	**1H NMR**	: Confirm
% Potency	: 94.84 %		

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, 1HNMR, IR and TGA