CERTIFICATE OF ANALYSIS

(Certificate No. KMV003048-01)

Release Date: 24/03/2025 **Re-test Date:** 23/03/2028

2-((2,4-dimethylphenyl)thio)aniline

Identification

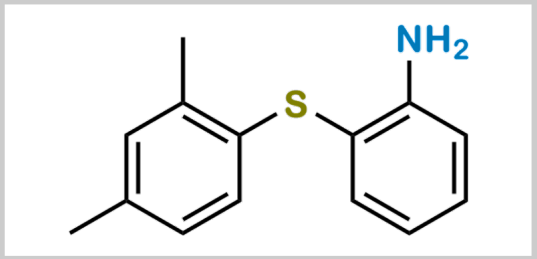
Chemical Name :
Benzenamine, 2-[(2,4-dimethylphenyl)thio]-

CAT No. : KMV003048

CAS No. : 1019453-85-0

Molecular Formula : C14H15NS

Molecular Weight : 229.3



Analytical Information

Batch No.	: V003048-091-289	**Solubility**	: Methanol
Description	: Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: 99.84 %	**IR**	: Confirm
Weight Loss By TGA	: 1.14 %	**1H NMR**	: Confirm
% Potency	: 98.7 %	**13C 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 - 1.14(Weight Loss By TGA)] x [99.84(HPLC Purity)]/100 = 98.7 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/03/2025

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA