

# 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 :**

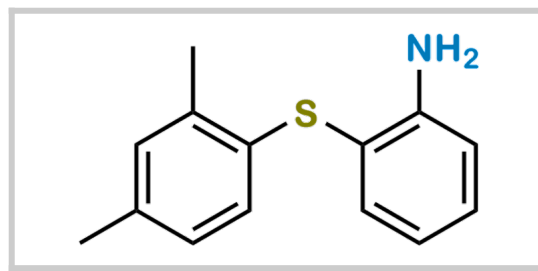
Benzenamine, 2-[(2,4-dimethylphenyl)thio]-

CAT No. : KMV003048

CAS No. : 1019453-85-0

Molecular Formula : C<sub>14</sub>H<sub>15</sub>NS

Molecular Weight : 229.3



### Analytical Information

Batch No. : V003048-091-289

Description : Yellow Liquid

HPLC Purity : 99.84 %

Weight Loss By TGA : 1.14 %

% Potency : 98.7 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

<sup>13</sup>C 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, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA