

# CERTIFICATE OF ANALYSIS

(Certificate No. KML008045-01)

Release Date: 17/10/2024

Re-test Date: 16/10/2027

## Lacosamide Impurity C

### Identification

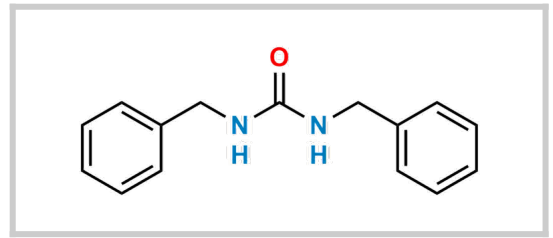
Chemical Name :  
1,3-Dibenzylurea

CAT No. : KML008045

CAS No. : 1466-67-7

Molecular Formula : C<sub>15</sub>H<sub>16</sub>N<sub>2</sub>O

Molecular Weight : 240.3



### Analytical Information

Batch No. : LAC-IMP-C-030-269

Description : White Solid

HPLC Purity : 99.68 %

Weight Loss By TGA : 0.14 %

% Potency : 99.54 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 0.14(Weight Loss By TGA)] x [99.68(HPLC Purity)]/100 = 99.54 %  
-Re-tested on 17.10.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		17/10/2024

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA