

CERTIFICATE OF ANALYSIS

(Certificate No. KML037025-01)

Release Date: 07/04/2025

Re-test Date: 06/04/2028

DICHLOROBENZOYL LAMOTRIGINE

Identification

Chemical Name :

N-[5-Amino-6-(2,3-dichlorophenyl)-1,2,4-triazin-3-yl]-2,3-dichlorobenzamide

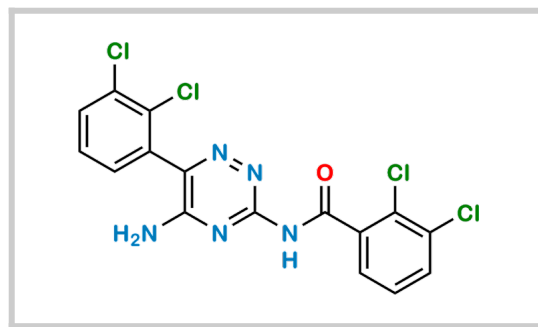
Alt. Name : Lamotrigine USP Related Compound D

CAT No. : KML037025

CAS No. : 252186-79-1

Molecular Formula : C₁₆H₉Cl₄N₅O

Molecular Weight : 429.1



Analytical Information

Batch No. : L037025-091-308

Description : Light Yellow Solid

HPLC Purity : 91.35 %

Weight Loss By TGA : 0.38 %

% Potency : 91 %

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 - 0.38(Weight Loss By TGA)] x [91.35(HPLC Purity)]/100 = 91 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		11/04/2025

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