

# **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

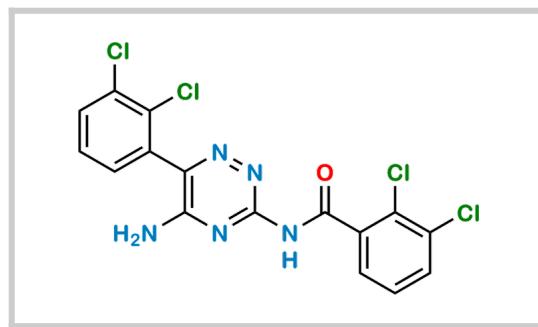
**Alt. Name** : Lamotrigine USP Related Compound D

**CAT No.** : KML037025

**CAS No.** : 252186-79-1

**Molecular Formula** : C<sub>16</sub>H<sub>9</sub>Cl<sub>4</sub>N<sub>5</sub>O

**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

**<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 - 0.38(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, <sup>1</sup>HNMR, IR and TGA