CERTIFICATE OF ANALYSIS

(Certificate No. KML037012-01)

Release Date: 30/09/2024 **Re-test Date:** 29/09/2027

Lamotrigine (Finished Goods)

Identification

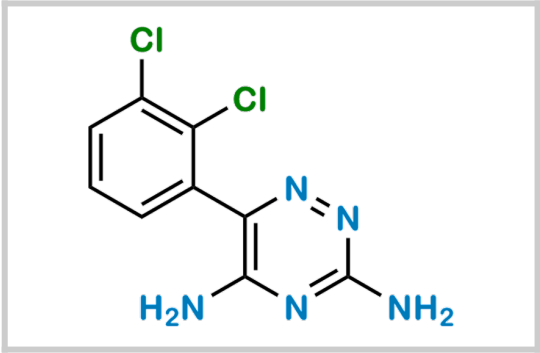
Chemical Name :
6-(2,3-Dichlorophenyl)-1,2,4-triazine-3,5-diamine

CAT No. : KML037012

CAS No. : 84057-84-1

Molecular Formula : C9H7Cl2N5

Molecular Weight : 256.1



Analytical Information

Batch No. : ANT/LMT/001

Description : White Solid

HPLC Purity : 99.94 %

Weight Loss By TGA : 0.64 %

% Potency : 99.3 %

Solubility : ACN : WATER (5 : 5)

Mass : Confirm

IR : Confirm

1H NMR : Confirm

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 - 0.64(Weight Loss By TGA)] x [99.94(HPLC Purity)]/100 = 99.3 %
Remark : This Product is Finished Product.

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical			06/12/2025
Reviewed & Approved By	Quality Control			06/12/2025

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