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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2023

Re-test Date: Jan 2026

Product Name: Lamotrigine EP Impurity F

Identification:

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

Synonyms : Lamotrigine USP Related
Compound D

CAS Number : 252186-79-1

CAT Number : CP-L10006

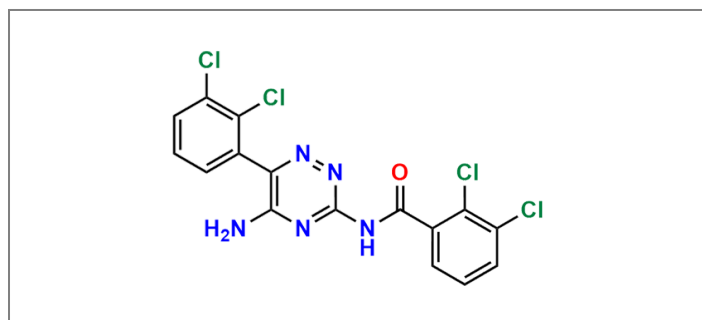
Molecular Formula : C₁₆H₉Cl₄N₅O

Molecular Weight : 429.09

Batch Number : CHEM-LAM-F

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO/Water
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.05%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.