

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-L014020-1704)

Analysis Date: 02/03/2019

Re-test Date: 28/04/2022

Lamotrigine Dimer Impurity 2 [Lamotrigine 5-5 Dimer]

Identification

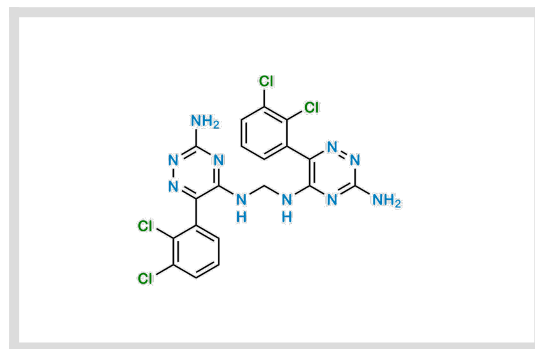
Chemical Name : N5,N5'-methylenebis(6-(2,3-dichlorophenyl)-1,2,4-triazine-3,5-diamine)

CAT No. : SZ-L014020

CAS No. : NA

Molecular Formula : C₁₉H₁₄Cl₄N₁₀

Molecular Weight : 524.19



Analytical Information

Batch Code : SRL-257-22-1

Solubility : Acetonitrile

Appearance of product : White Solid

Long Term Storage : 2-8 °C for long term storage

Weight Loss By TGA : 3.68 %

HPLC Purity : 96.53 %

Mass : Confirm

IR Analysis : Confirm

¹H NMR : Confirm

Additional Information

% Potency = [100 - 3.68 (Wt loss by TGA)] X [96.53 (HPLC Purity)] / 100 = 92.98 %

Recommendation : Released

Department

Signature

Date

Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, NMR, IR, TGA, CMR

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.