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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

Product Name: Amlodipine EP impurity A

Identification:

Chemical Name: 3-Ethyl 5-methyl (4RS)-4-(2-chlorophenyl)-2-[[2-(1,3-dioxo-1,3-dihydro-2H-isoindol-2-yl)ethoxy]methyl]-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate (as per EP)

Synonyms : Amlodipine USP Related
Compound D ; Phthaloyl
Amlodipine

CAS Number : 88150-62-3

CAT Number : CP-A5001

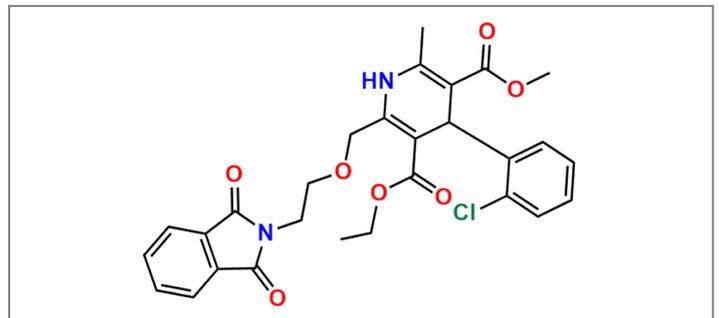
Molecular Formula : C₂₈H₂₇ClN₂O₇

Molecular Weight : 538.98

Batch Number : CP-33-81

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	Light orange solid
2)	Solubility	Solubility in MeOH/DMSO
3)	MASS By LCMS	Confirm to Structure by mass
4)	Purity by HPLC	96.37%
5)	¹ HNMR	Confirm to Structure
6)	Weight loss by TGA	NA
7)	Potency by TGA	NA



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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