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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jun 2027

**Product Name: Amlodipine EP impurity B**

### Identification:

Chemical Name: 3-Ethyl 5-methyl (4RS)-4-(2-chlorophenyl)-6-methyl-2-[[2-[[2-(methylcarbamoyl)benzoyl]amino]ethoxy]methyl]-1,4-dihydropyridine-3,5-dicarboxylate (as per EP)

Synonyms : Methylaminophthaloyl  
Amlodipine

CAS Number : 721958-72-1

CAT Number : CP-A5002

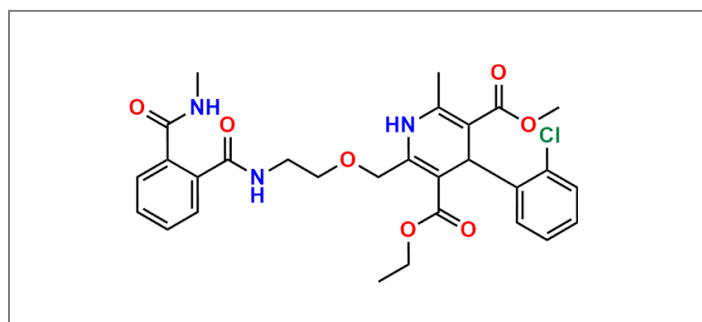
Molecular Formula : C<sub>29</sub>H<sub>32</sub>ClN<sub>3</sub>O<sub>7</sub>

Molecular Weight : 570.03

Batch Number : CP-AML-B-0724

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)	Solubility	Soluble in Methanol/DMSO
2)	MASS By LCMS	Confirm to structure
3)	Purity By HPLC	98.65%
4)	H1NMR	Confirm to structure
5)	IR	Confirm to structure
6)	Weight loss by TGA	1.49%
7)	Potency by TGA	97.18%



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.