

CERTIFICATE OF ANALYSIS

(Certificate No. KM-AML-001-1)

Release Date: 29/01/2024

Re-test Date: 28/01/2027

Amlodipine Related Compound D

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

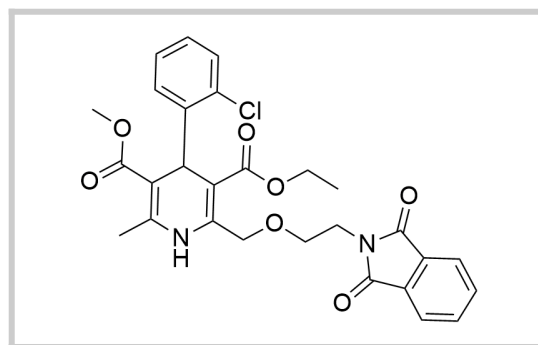
Alt. Name : Amlodipine USP RC D

CAT No. : KM-AML-001

CAS No. : 88150-62-3

Molecular Formula : C₂₈H₂₇ClN₂O₇

Molecular Weight : 538.98



Analytical Information

Batch No. : BA88

Description : Off white solid

GC Purity : 97.59 %

Weight Loss By TGA : 0.529 %

Residue On Ignition : 2.226 %

% Potency : 94.835 %

Solubility : ACN:Water (1:1)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

D₂O Exchange : Confirm

DEPT Analysis : Confirm

CHNS : Confirm



Additional Information

Long Term Storage : Store at 2-8 degree

Shipping Condition : Product is stable to be Shipped at Room Temperature

Mixture of isomers

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jatin Patel		05/02/2024
Reviewed & Approved By	Quality Control	Jignesh Menpara		05/02/2024

Attachments : COA, SER, HPLC, Mass, ¹H NMR, IR and TGA