

CERTIFICATE OF ANALYSIS

(Certificate No. KMA011100-01)

Release Date: 19/12/2024

Re-test Date: 18/12/2027

Levamlodipine Besylate Hemipentahydrate

Identification

Chemical Name :

3-ethyl 5-methyl (S)-2-((2-aminoethoxy)methyl)-4-(2-chlorophenyl)-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate benzenesulfonate hemipentahydrate

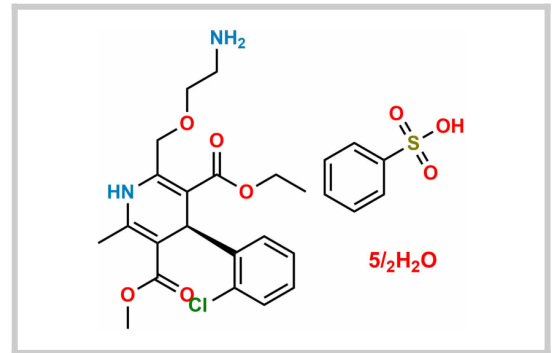
Alt. Name : (S)-Amlodipine

CAT No. : KMA011100

CAS No. : 884648-62-8

Molecular Formula : C₂₀H₂₅ClN₂O₅ : C₆H₆O₃S :
5/2(H₂O)

Molecular Weight : 408.9 : 158.2 : 5/2(18.0)



Analytical Information

Batch No. : A011099-091-090

Description : Off white Powder

HPLC Purity : 99.99 %

Weight Loss By KF : 7.45 %

% Potency : 92.54 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

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

% Potency = [100 - 7.45(Weight Loss By KF)] x [99.99(HPLC Purity)]/100 = 92.54 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		19/12/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and KF