CERTIFICATE OF ANALYSIS

(Certificate No. KMA011026-02)

Release Date: 14/05/2025

Re-test Date: 13/05/2028

Amlodipine EP Impurity E

Identification

Chemical Name :

 $Diethyl\ 2-((2-aminoethoxy)methyl)-4-(2-chlorophenyl)-6-methyl-1, 4-dihydropyridine-3, 5-dicarboxylate benzenesulfonate$

Alt. Name	: Amlodipine Diethyl Ester; Amlodipine Ethyl Analog (USP)	. 0
CAT No.	: KMA011026	
CAS No.	: Not Available	H ₂ N
Molecular Formula	: C21H27ClN2O5 : C6H6O3S	
Molecular Weight	: 422.9 : 158.18	

Analytical Information

Batch No.	: A011026-102-029	Solubility	: Acetonitrile
Description	: Light Yellow Solid	Mass	: Confirm
HPLC Purity	: 95.55 %	IR	: Confirm
Weight Loss By TGA	: 0.50 %	1H NMR	: Confirm
% Potency	: 95.07 %		

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 - 0.50(Weight Loss By TGA)] x [95.55(HPLC Purity)]/100 = 95.07 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		15/05/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA