CERTIFICATE OF ANALYSIS

(Certificate No. KMA011003-02)

Release Date: 05/03/2025 **Re-test Date:** 04/03/2028

Amlodipine Related Compound A

Identification

Chemical Name:

3-Ethyl 5-methyl 2-((2-aminoethoxy)methyl)-4-(2-chlorophenyl)-6-methylpyridine-3,5-dicarboxylate fumarate

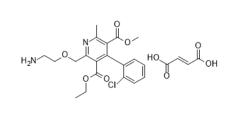
Alt. Name : Amlodipine USP Related Compound A

CAT No. : KMA011003

CAS No. : 2138811-33-1

Molecular Formula : C20H23ClN2O5 : C4H4O4

 $\textbf{Molecular Weight} \hspace{0.5cm} : 406.86:116.07$



Analytical Information

Description: Off White SolidMass: ConfirmHPLC Purity: 99.40 %IR: ConfirmWeight Loss By TGA: 0.87 %1H NMR: Confirm

% Potency : 98.54 %

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 - 0.87(Weight Loss By TGA)] x [99.40(HPLC Purity)]/100 = 98.54 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		05/03/2025

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