

CERTIFICATE OF ANALYSIS

(Certificate No. KMF022004-01)

Release Date: 03/06/2026

Re-test Date: 02/06/2029

Felodipine Impurity A

Identification

Chemical Name :

Ethyl methyl 4-(2,3-dichlorophenyl)-2,6-dimethylpyridine-3,5-dicarboxylate ;

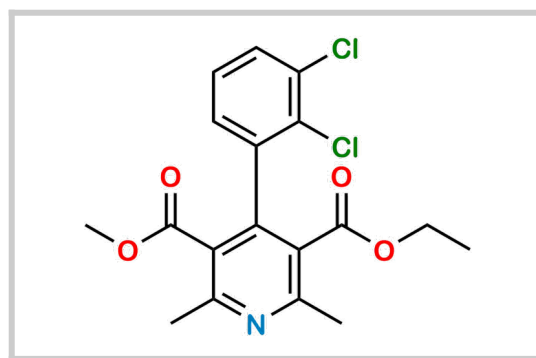
Alt. Name : Felodipine USP Related Compound A
; Dehydro Felodipine

CAT No. : KMF022004

CAS No. : 96382-71-7

Molecular Formula : C₁₈H₁₇Cl₂N₁O₄

Molecular Weight : 382.2



Analytical Information

Batch No. : F022004-114-366

Solubility : ACN : Water

Description : Light Yellow Thick Syrup

Mass : Confirm

HPLC Purity : 96.48 %

IR : Confirm

Weight Loss By TGA : 0.70 %

¹H NMR : Confirm

% Potency : 95.8 %

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 - 0.70(Weight Loss By TGA)] x [96.48(HPLC Purity)]/100 = 95.8 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		03/06/2026

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