CERTIFICATE OF ANALYSIS

(Certificate No. KMF022004-01)

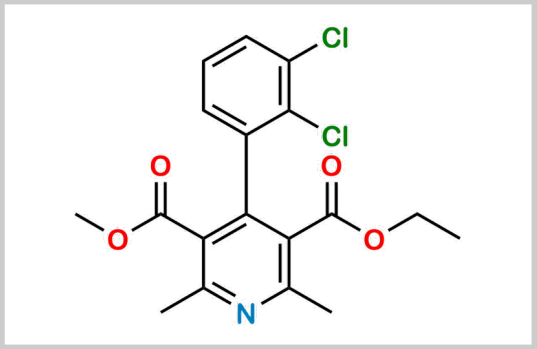
Release Date: 03/06/2026 **Re-test Date:** 02/06/2029

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	: C18H17Cl2NO4
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, 1HNMR, IR and TGA