CERTIFICATE OF ANALYSIS

(Certificate No. KMF022005-01)

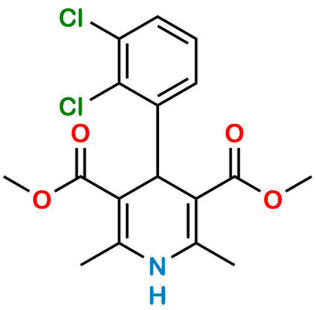
Release Date: 04/06/2026 **Re-test Date:** 03/06/2029

Felodipine Impurity B

Identification

Chemical Name :
Dimethyl 4-(2,3-dichlorophenyl)-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylate

Alt. Name	: Felodipine EP Impurity B ; Felodipine Dimethyl Ester
CAT No.	: KMF022005
CAS No.	: 91189-59-2
Molecular Formula	: C17H17Cl2NO4
Molecular Weight	: 370.2



Analytical Information

Batch No.	: F022005-114-359	**Solubility**	: ACN : Water
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 98.49 %	**IR**	: Confirm
Weight Loss By TGA	: 0.32 %	**1H NMR**	: Confirm
% Potency	: 98.17 %		

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 - 0.32(Weight Loss By TGA)] x [98.49(HPLC Purity)]/100 = 98.17 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		04/06/2026

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