CERTIFICATE OF ANALYSIS

(Certificate No. KMA011030-01)

Release Date: 14/07/2026 **Re-test Date:** 13/07/2029

AMLODIPINE BESYLATE EP IMPURITY H

Identification

Chemical Name :
2-[[2-[[(4RS)-4-(2-chlorophenyl)-3-(ethoxycarbonyl)-5-(methoxycarbonyl)-6-methyl-1,4-dihydropyridin-2-yl]methoxy]ethyl]carbamoyl]benzoic acid (as per EP)

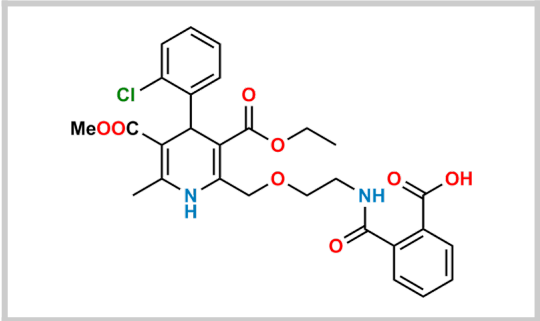
Alt. Name : 2-Carboxybenzoyl Amlodipine;

CAT No. : KMA011030

CAS No. : 318465-73-5

Molecular Formula : C28H29ClN2O8

Molecular Weight : 557.0



Analytical Information

Batch No.	: A011030-136-106	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 97.04 %	**IR**	: Confirm
Weight Loss By TGA	: 1.40 %	**1H NMR**	: Confirm
% Potency	: 95.68 %		

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 - 1.40(Weight Loss By TGA)] x [97.04(HPLC Purity)]/100 = 95.68 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/07/2026
Reviewed & Approved By	Quality Control	Jatin Patel		14/07/2026

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