CERTIFICATE OF ANALYSIS

(Certificate No. KME009007-01)

Release Date: 17/10/2024 **Re-test Date:** 16/10/2027

Enalapril EP Impurity B

Identification

Chemical Name :
((S)-1-Ethoxy-1-oxo-4-phenylbutan-2-yl)-L-alanine

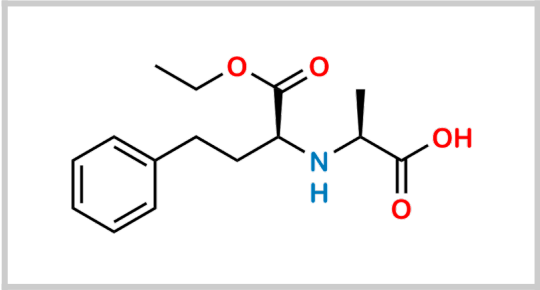
Alt. Name : Moexipril USP Related Compound F

CAT No. : KME009007

CAS No. : 82717-96-2

Molecular Formula : C15H21NO4

Molecular Weight : 279.3



Analytical Information

Batch No.	: RAM-IMP-2-019-307	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 98.66 %	**IR**	: Confirm
Weight Loss By TGA	: 1.01 %	**1H NMR**	: Confirm
% Potency	: 97.66 %		

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 - 1.01(Weight Loss By TGA)] x [98.66(HPLC Purity)]/100 = 97.66 %
-Re-tested on 17.10.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		08/08/2025

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