CERTIFICATE OF ANALYSIS

(Certificate No. KME009009-01)

Release Date: 01/12/2022 **Re-test Date:** 30/11/2025

Enalapril EP Impurity D

Identification

Chemical Name:

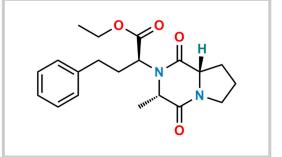
Ethyl (2S)-2-[(3S,8aS)-3-methyl-1,4-dioxohexahydropyrrolo[1,2-a]pyrazin-2(1H)-yl]-4-phenylbutanoate (as per EP)

Alt. Name : Enalapril USP Related Compound D ;

Enalapril Diketopiperazine

CAT No. : KME009009 **CAS No.** : 115729-52-7 **Molecular Formula** : C20H26N2O4

Molecular Weight : 358.4



Analytical Information

Description: Off White SolidMass: ConfirmHPLC Purity: 99.82 %IR: ConfirmWeight Loss By TGA: 0.60 %1H NMR: Confirm

% Potency : 99.22 %

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 - 0.60(Weight Loss By TGA)] x [99.82(HPLC Purity)]/100 = 99.22 %

Remarks: COA Re-generated on 21.10.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/10/2024

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