CERTIFICATE OF ANALYSIS

(Certificate No. KMR001002-01)

Release Date: 25/08/2022 **Re-test Date:** 24/08/2025

N-Nitroso Ramipril Impurity

Identification

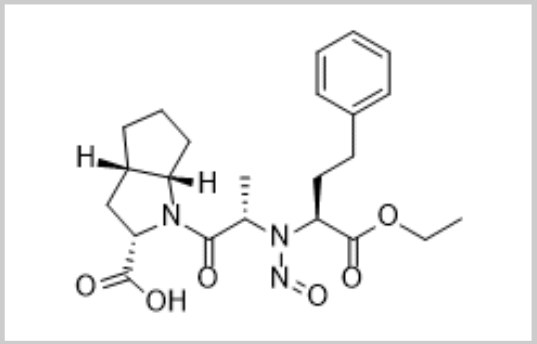
Chemical Name :
(2S,3aS,6aS)-1-((S)-2-(((S)-1-ethoxy-1-oxo-4-phenylbutan-2-yl)(nitroso)amino)propanoyl)octahydrocyclopenta[b]pyrrole-2-carboxylic acid (Mixture of E/Z Isomer)

CAT No. : KMR001002

CAS No. : Not Available

Molecular Formula : C23H31N3O6

Molecular Weight : 445.51



Analytical Information

Batch No.	: RAM-N-NO-030-264	**Solubility**	: ACN
Description	: Yellow Thik Syrup	**Mass**	: Confirm
HPLC Purity	: 94.54 %	**IR**	: Confirm
Weight Loss By TGA	: 2.43 %	**1H NMR**	: Confirm
% Potency	: 92.24 %		

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 - 2.43(Weight Loss By TGA)] x [94.54(HPLC Purity)]/100 = 92.24 %
Remarks : COA Re-generated on 22.03.2024
-Mixture of Isomers

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		22/03/2024

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