

CERTIFICATE OF ANALYSIS

(Certificate No. KML007002-01)

Release Date: 28/03/2024

Re-test Date: 27/03/2027

Lisinopril EP Impurity F

Identification

Chemical Name :

(S)-1-((S)-6-amino-2-(((S)-1-carboxy-3-cyclohexylpropyl)amino)hexanoyl)pyrrolidine-2-carboxylic acid

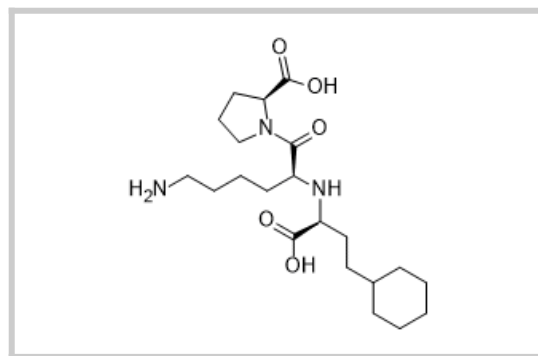
Alt. Name : Lisinopril Cyclohexyl Analog

CAT No. : KML007002

CAS No. : 1132650-67-9

Molecular Formula : C₂₁H₃₇N₃O₅

Molecular Weight : 411.54



Analytical Information

Batch No. : LIS-EPF-073-143

Solubility : ACN : Water (1:1)

Description : White Solid

Mass : Confirm

HPLC Purity : 99.43 %

IR : Confirm

Weight Loss By TGA : 2.28 %

¹H NMR : Confirm

% Potency : 97.16 %

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 - 2.28(Weight Loss By TGA)] x [99.43(HPLC Purity)]/100 = 97.16 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		28/03/2024

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