

CERTIFICATE OF ANALYSIS

(Certificate No. KML005015-01)

Release Date: 17/02/2025

Re-test Date: 16/02/2028

Losartan Carboxylic Acid Impurity

Identification

Chemical Name :

2-Butyl-4-chloro-1-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]imidazole-5-formic acid ; Losartan Acid Metabolite

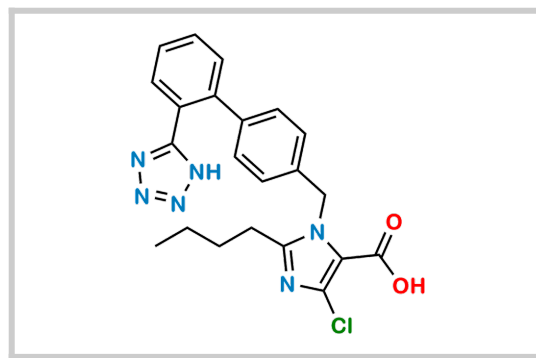
Alt. Name : Losartan Carboxylic Acid

CAT No. : KML005015

CAS No. : 124750-92-1

Molecular Formula : C₂₂H₂₁ClN₆O₂

Molecular Weight : 436.9



Analytical Information

Batch No. : L005015-091-224

Description : Off White Solid

HPLC Purity : 94.06 %

Weight Loss By TGA : 1.36 %

% Potency : 92.78 %

Solubility : *Refer in Additional information

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 1.36(Weight Loss By TGA)] x [94.06(HPLC Purity)]/100 = 92.78 %

*Solubility: Insoluble in Water and Freely Soluble in 10mg/0.1 ml methanol

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		17/02/2025

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA