

CERTIFICATE OF ANALYSIS

(Certificate No. KML005031-01)

Release Date: 27/02/2025

Re-test Date: 26/02/2028

Losartan Potassium Impurity K

Identification

Chemical Name :

2-Butyl-4-chloro-1-[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-imidazol-5-carbaldehyde (as per EP)

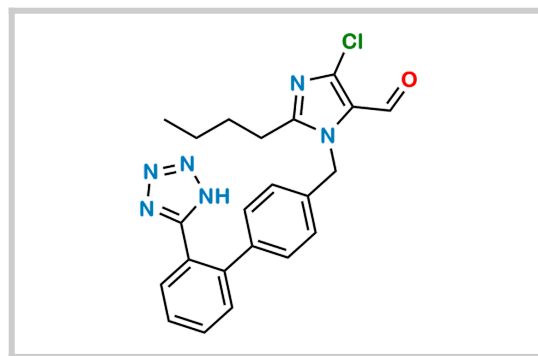
Alt. Name : Losartan USP Related Compound C ;
Losartan Aldehyde

CAT No. : KML005031

CAS No. : 114798-36-6

Molecular Formula : C₂₂H₂₁ClN₆O

Molecular Weight : 420.9



Analytical Information

Batch No. : LOS-EP-K-019-257

Description : Off White Solid

HPLC Purity : 98.17 %

Weight Loss By TGA : 0.58 %

% Potency : 97.6 %

Solubility : Methanol

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 - 0.58(Weight Loss By TGA)] x [98.17(HPLC Purity)]/100 = 97.6 %

-Re-tested on 27.02.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		28/02/2025

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