CERTIFICATE OF ANALYSIS

(Certificate No. KML005031-01)

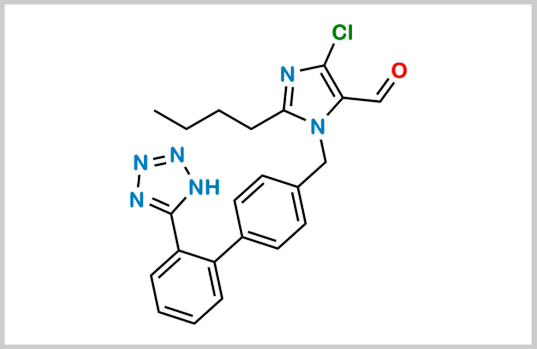
Release Date: 27/02/2025 **Re-test Date:** 26/02/2028

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	**Solubility**	: Methanol
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 98.17 %	**IR**	: Confirm
Weight Loss By TGA	: 0.58 %	**1H NMR**	: Confirm
% Potency	: 97.6 %		

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