CERTIFICATE OF ANALYSIS

(Certificate No. KML005030-01)

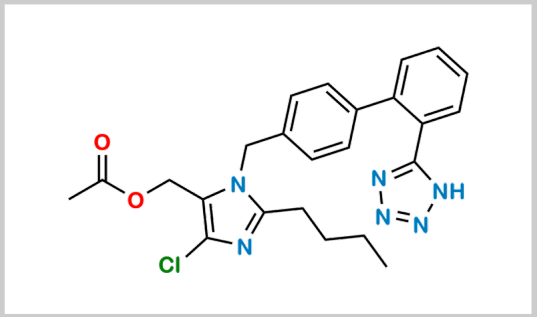
Release Date: 27/02/2025 **Re-test Date:** 26/02/2028

Losartan Potassium Impurity J

Identification

Chemical Name :
[2-Butyl-4-chloro-1-[[2′-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-imidazol-5-yl]methyl acetate (as per EP)

Alt. Name	: Losartan USP Related Compound B ; O-Acetyl Losartan ; Losartan Acetate
CAT No.	: KML005030
CAS No.	: 1006062-27-6
Molecular Formula	: C24H25ClN6O2
Molecular Weight	: 465.0



Analytical Information

Batch No.	: LOS-EP-J-019-256	**Solubility**	: Methanol
Description	: Off white solid	**Mass**	: Confirm
HPLC Purity	: 91.94 %	**IR**	: Confirm
Weight Loss By TGA	: 0.64 %	**1H NMR**	: Confirm
% Potency	: 91.35 %		

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 - 0.64(Weight Loss By TGA)] x [91.94(HPLC Purity)]/100 = 91.35 %
-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