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;

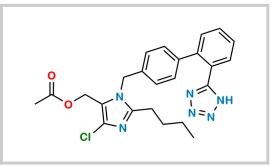
O-Acetyl Losartan; Losartan Acetate

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 : 91.94 % **HPLC Purity** 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