

CERTIFICATE OF ANALYSIS

(Certificate No. KMO005012-01)

Release Date: 23/08/2025

Re-test Date: 22/08/2028

Ondansetron EP Impurity D

Identification

Chemical Name :

9-Methyl-3-methylene-1,2,3,9-tetrahydro-4H-carbazol-4-one

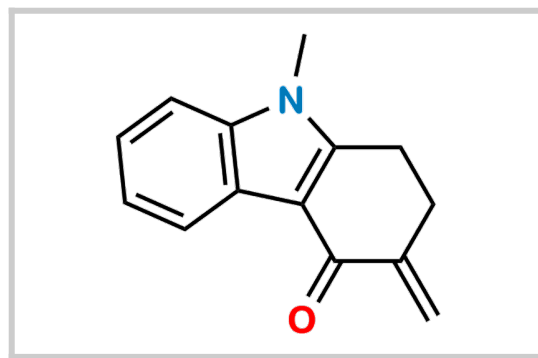
Alt. Name : Ondansetron USP Related Compound D

CAT No. : KMO005012

CAS No. : 99614-64-9

Molecular Formula : C₁₄H₁₃NO

Molecular Weight : 211.3



Analytical Information

Batch No. : O005012-102-232

Description : Light Brown Solid

HPLC Purity : 98.51 %

Weight Loss By TGA : 0.21 %

% Potency : 98.3 %

Solubility : Acetonitrile

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 - 0.21(Weight Loss By TGA)] x [98.51(HPLC Purity)]/100 = 98.3 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		25/08/2025

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