

CERTIFICATE OF ANALYSIS

(Certificate No. KMT020008-01)

Release Date: 24/07/2025

Re-test Date: 23/07/2028

Tadalafil USPRS

Identification

Chemical Name :

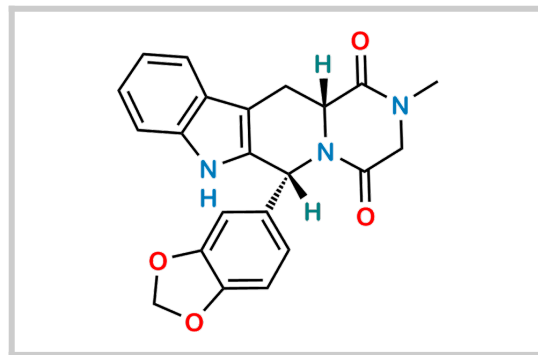
(6R,12aR)-6-(1,3-Benzodioxol-5-yl)-2-methyl-2,3,6,7,12,12a-hexahydropyrazino[1',2':1,6]-pyrido[3,4-b]indole-1,4-dione (as per EP)

CAT No. : KMT020008

CAS No. : 171596-29-5

Molecular Formula : C₂₂H₁₉N₃O₄

Molecular Weight : 389.4



Analytical Information

Batch No. : T020008-102-146

Description : White Solid

HPLC Purity : 99.90 %

Weight Loss By TGA : 0.09 %

% Potency : 99.81 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 0.09(Weight Loss By TGA)] x [99.90(HPLC Purity)]/100 = 99.81 %

USP Catalog No & Lot No : R128K0 - 1642879

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/07/2025

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA