

CERTIFICATE OF ANALYSIS

(Certificate No. KMT020008-02)

Release Date: 27/04/2026

Re-test Date: 26/04/2029

TADALAFIL USPRS

Identification

Chemical Name :

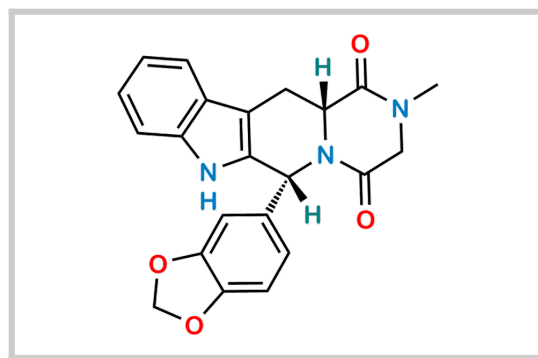
(6R,12aR)-6-(1,3-Benzodioxol-5-yl)-2-methyl-2,3,6,7,12,12a-hexahydropyrazino[1',2':1,6]-pyrido[3,4-b]indole-1,4-dione (as per EP)

CAT No. : KMT020008

CAS No. : 171596-29-5

Molecular Formula : C₂₂H₁₉N₃O₄

Molecular Weight : 389.4



Analytical Information

Batch No. : T020008-114-277

Description : White Solid

HPLC Purity : 99.79 %

Weight Loss By TGA : 1.32 %

% Potency : 98.47 %

Solubility : ACN

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 = $[100 - 1.32(\text{Weight Loss By TGA})] \times [99.79(\text{HPLC Purity})]/100 = 98.47 \%$

USP Catalog No. & Lot No :- 1642879-R128K0

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		27/04/2026

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