CERTIFICATE OF ANALYSIS

(Certificate No. KMT020008-02)

Release Date: 27/04/2026 **Re-test Date:** 26/04/2029

TADALAFIL USPRS

Identification

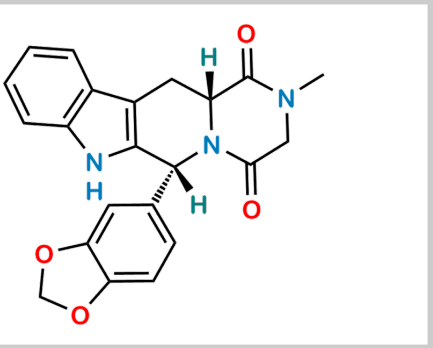
Chemical Name :
(6R,12aR)-6-(1,3-Benzodioxol-5-yl)-2-methyl-2,3,6,7,12,12a-hexahydropyrazino[1′,2′:1,6]-pyrido[3,4-b]indole-1,4-dione (as per EP)

CAT No. : KMT020008

CAS No. : 171596-29-5

Molecular Formula : C22H19N3O4

Molecular Weight : 389.4



Analytical Information

Batch No.	: T020008-114-277	**Solubility**	: ACN
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.79 %	**IR**	: Confirm
Weight Loss By TGA	: 1.32 %	**1H NMR**	: Confirm
% Potency	: 98.47 %	**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(Weight Loss By TGA)] x [99.79(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