

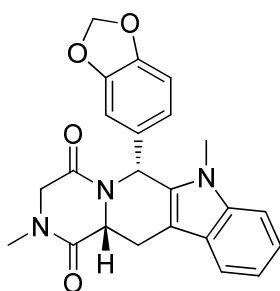
CERTIFICATE OF ANALYSIS

Reference Substance

Date

N-Methyl Impurity of Tadalafil
Batch No.
IUPAC Name:

(6*R*,12*aR*)-6-(benzo[d][1,3]dioxol-5-yl)-2,7-dimethyl-2,3,12,12*a*-tetrahydropyrazino[1',2':1,6]pyrido[3,4-*b*]indole-1,4(6*H*,7*H*)-dione



Molecular Weight: 403.15 g/mol

 Molecular Formula: C₂₃H₂₁N₃O₄

Sr.#	Test	Results	Data ref.
1	Appearance	Pale yellow solid	-----
2	Purity by HPLC	>95.0%	Chromatogram attached
3	Mass	Conform	Report attached
4	NMR	Conform	Report attached

Storage condition: Store at 2-8°C, protect from direct sunlight and moisture.

This certificate of analysis is valid for two years from date of manufacturing provided the substance is stored under suitable conditions.

Date of manufacturing:

Retest Date:

Document data reference:

Prepared by

Reviewed by

Approved by