

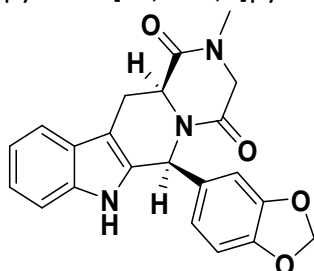
## CERTIFICATE OF ANALYSIS

Reference Substance

Date:

**Tadalafil impurity-(6S, 12aS)/6S, 12aS Enantiomer/ Impurity B**

Batch No.:

IUPAC Name: (6S,12aS)-6-(1,3-Benzodioxol-5-yl)-2,3,6,7,12,12a-hexahydro-2-methyl-pyrazino[1*c*,2*c*:1,6]pyrido[3,4-*b*]indole-1,4-dione.

Molecular Weight: 389.4

Molecular Formula: C<sub>22</sub>H<sub>19</sub>N<sub>3</sub>O<sub>4</sub>

Sr.#	Test	Results	Data ref.
1	Appearance	white Solid	-----
2	Purity by HPLC	99.77%	Chromatogram attached
3	Mass	Conform	Report attached
4	1H 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*