# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMT020003-01)

**Release Date:** 16/10/2025 **Re-test Date:** 15/10/2028

# **Desmethylene Tadalafil**

### **Identification**

#### **Chemical Name:**

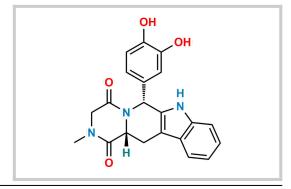
(6R,12aR)-6-(3,4-dihydroxyphenyl)-2-methyl-2,3,6,7,12,12a-hexahydropyrazino[1',2':1,6]pyrido[3,4-b]indole-1,4-dione

**CAT No.** : KMT020003

**CAS No.** : 171489-03-5

Molecular Formula : C21H19N3O4

**Molecular Weight** : 377.4



## **Analytical Information**

Description: Off White SolidMass: ConfirmHPLC Purity: 95.29 %IR: ConfirmWeight Loss By TGA: 0.93 %1H NMR: Confirm

**% Potency** : 94.4 %

### **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 - 0.93(Weight Loss By TGA)] x [95.29(HPLC Purity)]/100 = 94.4 %

**Recommendation** : Released

|                        | Department      | Name          | Signature | Date       |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By            | Analytical      | Jignesh Patel |           | 16/10/2025 |
| Reviewed & Approved By | Quality Control | Ravi Patel    |           | 16/10/2025 |

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