

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMS002035-01)

**Release Date:** 21/01/2026

**Re-test Date:** 20/01/2029

## **Sildenafil Citrate**

### **Identification**

**Chemical Name :**

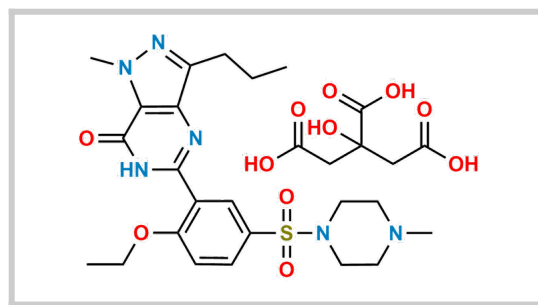
5-[2-Ethoxy-5-[(4-methylpiperazin-1-yl)sulfonyl]phenyl]-1-methyl-3-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one dihydrogen 2-hydroxypropane-1,2,3-tricarboxylate.

**CAT No.** : KMS002035

**CAS No.** : 171599-83-0

**Molecular Formula** : C<sub>22</sub>H<sub>30</sub>N<sub>6</sub>O<sub>4</sub>S : C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>

**Molecular Weight** : 474.6 : 192.1



### **Analytical Information**

**Batch No.** : S002035-114-105

**Description** : White Solid

**HPLC Purity** : 99.96 %

**Weight Loss By TGA** : 1.10 %

**% Potency** : 98.86 %

**Solubility** : Methanol : Water

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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 - 1.10(Weight Loss By TGA)] x [99.96(HPLC Purity)]/100 = 98.86 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		23/01/2026

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA