CERTIFICATE OF ANALYSIS

(Certificate No. KMS002035-01)

Release Date: 21/01/2026 **Re-test Date:** 20/01/2029

Sildenafil Citrate

Identification

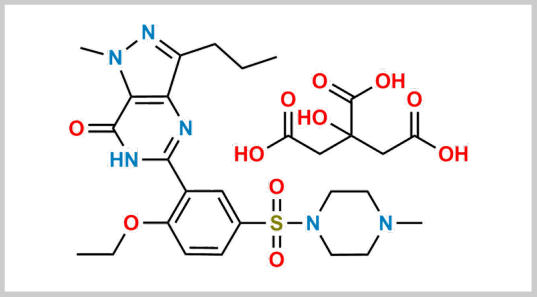
Chemical Name :
5-[2-Ethoxy-5-[(4-methylpiperazin-1-yl)sulfonyl]phenyl]-1-methyl-3-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one dihydrogen 2-hydroxypropane-1,2,3-tricarboxylate.

CAT No. : KMS002035

CAS No. : 171599-83-0

Molecular Formula : C22H30N6O4S : C6H8O7

Molecular Weight : 474.6 : 192.1



Analytical Information

Batch No.	: S002035-114-105	**Solubility**	: Methanol : Water
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.96 %	**IR**	: Confirm
Weight Loss By TGA	: 1.10 %	**1H NMR**	: Confirm
% Potency	: 98.86 %	**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 - 1.10(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, 1HNMR, 13C NMR, IR and TGA