CERTIFICATE OF ANALYSIS

(Certificate No. KMS002043-01)

Release Date: 23/09/2024 **Re-test Date:** 22/09/2027

Sildenafil EP Impurity C

Identification

Chemical Name :
5-[2-Hydroxy-5-(4-methylpiperazinylsulphonyl)phenyl]1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyramidin-7-one

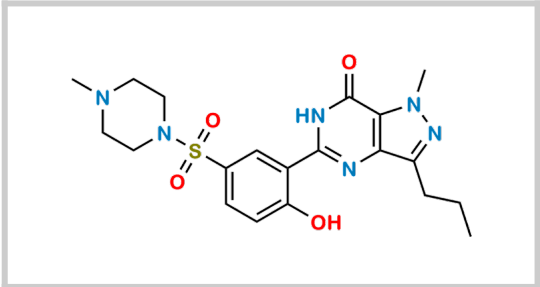
Alt. Name : O-Desethyl Sildenafil

CAT No. : KMS002043

CAS No. : 139755-91-2

Molecular Formula : C20H26N6O4S

Molecular Weight : 446.5



Analytical Information

Batch No.	: S002043-073-386	**Solubility**	: ACN : Water (1:1)
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 98.84 %	**IR**	: Confirm
Weight Loss By TGA	: 2.47 %	**1H NMR**	: Confirm
% Potency	: 96.4 %		

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 - 2.47(Weight Loss By TGA)] x [98.84(HPLC Purity)]/100 = 96.4 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		28/09/2024

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