CERTIFICATE OF ANALYSIS

(Certificate No. KMS002001-01)

Re-test Date: 26/03/2027

Release Date: 27/03/2024

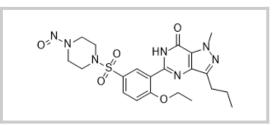
N-Nitroso N-Desmethyl Sildenafil

Identification

Chemical Name :

 $\label{eq:2-ethoxy-5-((4-nitrosopiperazin-1-yl)sulfonyl)-1-methyl-3-propyl-1H-pyrazolo[4,3-d] pyrimidin-7(6H)-one$

CAT No.	: KMS002001
CAS No.	: Not Available
Molecular Formula	: C21H27N7O5S
Molecular Weight	: 489.55



Analytical Information

Batch No.	: SIL-DM-N-NO-073-075	Solubility	: ACN
Description	: Off White Solid	Mass	: Confirm
HPLC Purity	: 99.94 %	IR	: Confirm
Weight Loss By TGA	: 0.07 %	1H NMR	: Confirm
% Potency	: 99.87 %	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 - 0.07(Weight Loss By TGA)] x [99.94(HPLC Purity)]/100 = 99.87 %		
Recommendation	: Released	

DepartmentNameSignatureDatePrepared ByAnalyticalJignesh Patel18/04/2024Reviewed & Approved ByQuality ControlJatin Patel18/04/2024

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA