

CERTIFICATE OF ANALYSIS

(Certificate No. KMS006002-01)

Release Date: 29/12/2023

Re-test Date: 28/12/2026

N-Nitroso Desmethyl Sumatriptan

Identification

Chemical Name :

N-methyl-1-(3-(2-(methyl(nitroso)amino)ethyl)-1H-indol-5-yl)methanesulfonamide (Mixture of E/Z Isomer)

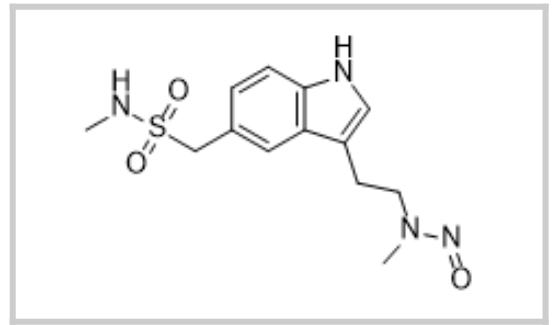
Alt. Name : N-Nitroso Sumatriptan EP Impurity B

CAT No. : KMS006002

CAS No. : Not Available

Molecular Formula : C₁₃H₁₈N₄O₃S

Molecular Weight : 310.37



Analytical Information

Batch No. : SUM-EPB-NO-073-012

Solubility : ACN

Description : Light Yellow Sticky Solid

Mass : Confirm

HPLC Purity : 98.63 %

IR : Confirm

Weight Loss By TGA : 0.67 %

¹H NMR : Confirm

% Potency : 97.97 %

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 - 0.67(Weight Loss By TGA)] x [98.63(HPLC Purity)]/100 = 97.97 %

Remarks : COA Re-generated on 28.06.2024

-Mixture of Isomer

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		28/06/2024

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR, IR and TGA