

CERTIFICATE OF ANALYSIS

(Certificate No. KMS006002-03)

Release Date: 26/12/2025

Re-test Date: 25/12/2028

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)

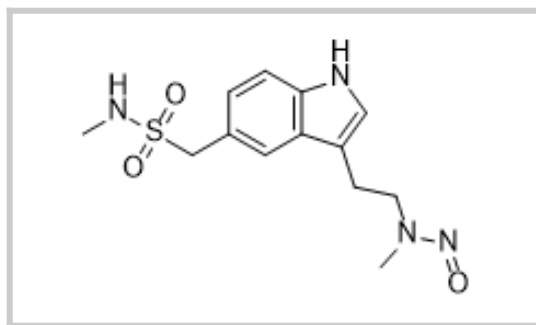
Alt. Name : N-Nitroso Sumatriptan EP Impurity B

CAT No. : KMS006002

CAS No. : Not Available

Molecular Formula : C₁₃H₁₈N₄O₃S

Molecular Weight : 310.37



Analytical Information

Batch No. : S006002-114-072

Solubility : Acetonitrile

Description : Light Yellow Semi Solid

Mass : Confirm

HPLC Purity : 95.59 %

IR : Confirm

Weight Loss By TGA : 2.35 %

¹H NMR : Confirm

% Potency : 93.34 %

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 - 2.35(Weight Loss By TGA)] x [95.59(HPLC Purity)]/100 = 93.34 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		30/12/2025

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