

CERTIFICATE OF ANALYSIS

(Certificate No. KMS006021-01)

Release Date: 28/10/2024

Re-test Date: 27/10/2027

Sumatriptan EP Impurity B

Identification

Chemical Name :

N-Methyl-1-{3-[2-(methylamino)ethyl]-1H-indol-5-yl}methanesulfonamide hydrochloride (as per USP)

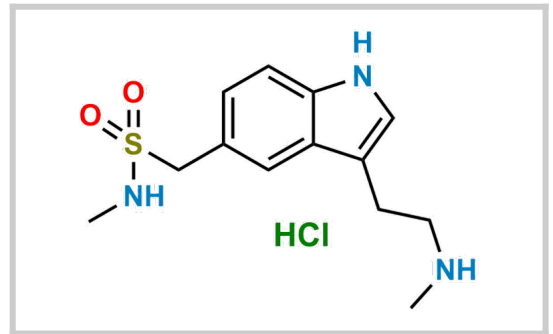
Alt. Name : N-Desmethyl Sumatriptan ;
Sumatriptan monomethyl (USP)

CAT No. : KMS006021

CAS No. : Not Available

Molecular Formula : C₁₃H₁₉N₃O₂S : HCl

Molecular Weight : 281.4 : 36.5



Analytical Information

Batch No. : S006021-091-010

Solubility : ACN : Water (2:8)

Description : Light Brown Hygroscopic Solid

Mass : Confirm

HPLC Purity : 96.92 %

¹H NMR : Confirm

% Potency : 96.92 %

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 -] x [96.92(HPLC Purity)]/100 = 96.92 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		30/10/2024

Attachments : COA, HPLC, MASS, 1HNMR