

# 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)

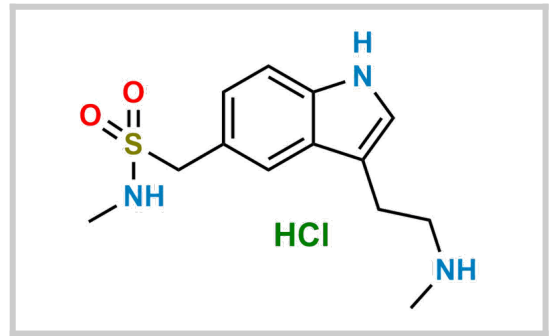
**Alt. Name** : N-Desmethyl Sumatriptan ;  
Sumatriptan monomethyl (USP)

**CAT No.** : KMS006021

**CAS No.** : Not Available

**Molecular Formula** : C<sub>13</sub>H<sub>19</sub>N<sub>3</sub>O<sub>2</sub>S : 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 %

**<sup>1</sup>H 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