## **CERTIFICATE OF ANALYSIS**

(Certificate No. KMS006001-02)

**Release Date:** 01/12/2025 **Re-test Date:** 30/11/2028

# **N-Nitroso Sumatriptan impurity**

#### **Identification**

**Chemical Name:** 

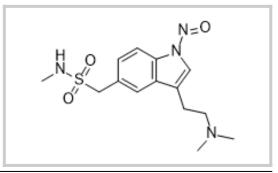
 $1\hbox{-}(3\hbox{-}(2\hbox{-}(dimethylamino)ethyl)\hbox{-}1\hbox{-}nitroso\hbox{-}1H\hbox{-}indol\hbox{-}5\hbox{-}yl)\hbox{-}N\hbox{-}methylmethane sulfonamide}$ 

**CAT No.** : KMS006001

**CAS No.** : Not Available

**Molecular Formula** : C14H20N4O3S

**Molecular Weight** : 324.40



### **Analytical Information**

Description: Yellow SolidMass: ConfirmHPLC Purity: 95.04 %IR: ConfirmWeight Loss By TGA: 0.43 %1H NMR: Confirm

**% Potency** : 94.63 %

#### **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 - 0.43(Weight Loss By TGA)] x [95.04(HPLC Purity)]/100 = 94.63 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/12/2025

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