CERTIFICATE OF ANALYSIS

(Certificate No. KMS006001-01)

Release Date: 22/04/2024 **Re-test Date:** 21/04/2027

Sumatriptan Nitroso Impurity

Identification

Chemical Name:

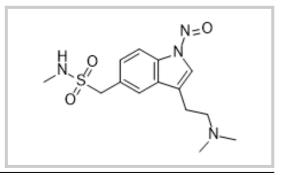
 $1\hbox{-}(3\hbox{-}(2\hbox{-}(dimethylamino)ethyl)\hbox{-}1\hbox{-}nitroso\hbox{-}1H\hbox{-}indol\hbox{-}5\hbox{-}yl)\hbox{-}N\hbox{-}methylmethane sulfonamide}$

CAT No. : KMS006001

CAS No. : Not Available

Molecular Formula : C14H20N4O3S

Molecular Weight : 324.40



Analytical Information

Batch No. : SUM-N-NO-073-172 **Solubility** : ACN **Description** : Yellow Solid : Confirm Mass : Confirm **HPLC Purity** : 94.23 % IR Weight Loss By TGA : 0.15 % 1H NMR : Confirm : 94.09 % **13C NMR** : Confirm % Potency

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 - 0.15(Weight Loss By TGA)] x [94.23(HPLC Purity)]/100 = 94.09 %

Recommendation: Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		24/04/2024

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA