CERTIFICATE OF ANALYSIS

(Certificate No. KMS006010-01)

Release Date: 18/10/2024 **Re-test Date:** 17/10/2027

Sumatriptan 3-Hydroxy-2-Oxo Impurity

Identification

Chemical Name:

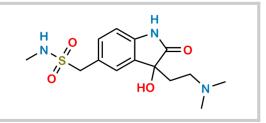
 $1\hbox{-}(3\hbox{-}(2\hbox{-}(Dimethylamino)ethyl)\hbox{-}3\hbox{-}hydroxy\hbox{-}2\hbox{-}oxoindolin\hbox{-}5\hbox{-}yl)\hbox{-}N\hbox{-}methylmethane sulfonamide}$

CAT No. : KMS006010

CAS No. : 2250254-19-2

Molecular Formula : C14H21N3O4S

Molecular Weight : 327.4



Analytical Information

Batch No. : S006010-073-417 **Solubility** : Water **Description** : Brown Hygroscopic Solid Mass : Confirm **HPLC Purity** : 97.55 % IR : Confirm Weight Loss By TGA 1H NMR : Confirm : 1.78 %

% Potency : 95.81 %

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 - 1.78(Weight Loss By TGA)] x [97.55(HPLC Purity)]/100 = 95.81 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/10/2024

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