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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2024

Re-test Date: Mar 2026

**Product Name: N-Nitroso Sumatriptan EP Impurity B**

### Identification:

Chemical Name: N-methyl-1-(3-(2-(methyl(nitroso)amino)ethyl)-1H-indol-5-yl)methanesulfonamide

Synonyms : N-Nitroso Desmethyl  
Sumatriptan

CAS Number : NA

CAT Number : CP-S13013

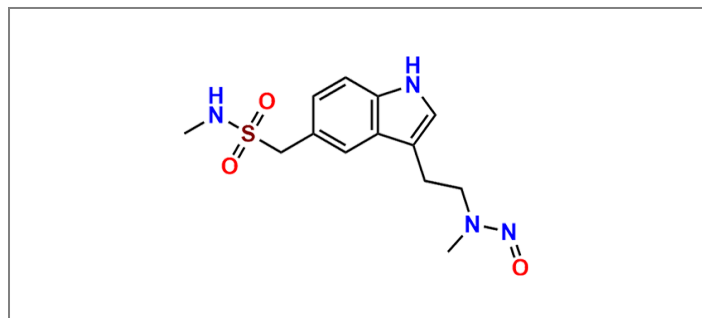
Molecular Formula : C<sub>13</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub>S

Molecular Weight : 310.37

Batch Number : CP-SUM-NITB-0424

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	93.71%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	1.103%
8)	Potency by TGA	92.67%



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.