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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

Re-test Date: Jun 2028

**Product Name: Sumatriptan EP Impurity B**

### Identification:

Chemical Name: N-Methyl-1-{3-[2-(methylamino)ethyl]-1H-indol-5-yl}methanesulfonamide (as per USP)

Synonyms : N-Desmethyl Sumatriptan ;  
Sumatriptan monomethyl (USP)

CAS Number : 88919-51-1

CAT Number : CP-S13002

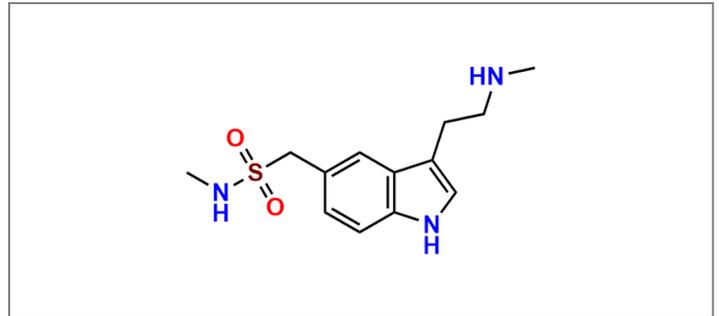
Molecular Formula : C<sub>13</sub>H<sub>19</sub>N<sub>3</sub>O<sub>2</sub>S

Molecular Weight : 281.4

Batch Number : CP-33-23C

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	Brown Sticky Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	96.31%
5)	<sup>1</sup> H NMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

Ms Rohini Gagare  
(Quality Assurance)

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