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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

Re-test Date: Sep 2027

**Product Name: Sumatriptan EP Impurity D**

### Identification:

Chemical Name: N,N-Dimethyl-2-(5-((N-methylsulfamoyl)methyl)-1H-indol-3-yl)ethan-1-amine oxide

Synonyms : Sumatriptan N-Oxide

CAS Number : 212069-94-8

CAT Number : CP-S13004

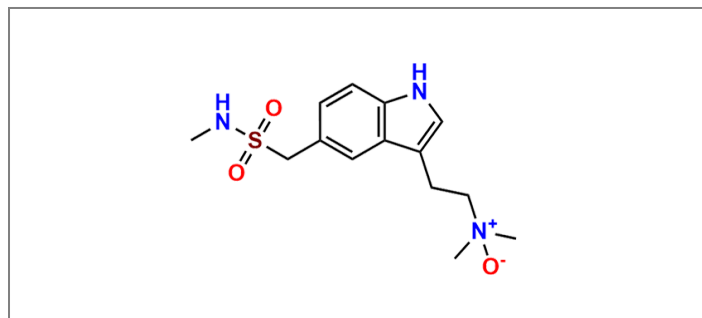
Molecular Formula : C<sub>14</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub>S

Molecular Weight : 311.40

Batch Number : CP-SUM-NO-1024

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    | White to Off White Solid |
| 2)      | Solubility     | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS   | Confirm to Structure     |
| 4)      | Purity by HPLC | 95.76%                   |



### 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.