

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

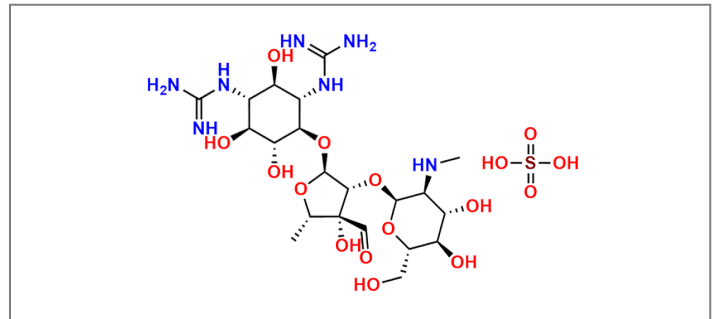
Re-test Date: Oct 2027

**Product Name: Streptomycin Sulfate (In House Standard)**

### Identification:

Chemical Name: 1,1'-((1R,2R,3S,4R,5R,6S)-4-(((2R,3R,4R,5S)-3-(((2S,3S,4S,5R,6S)-4,5-Dihydroxy-6-(hydroxymethyl)-3-(methylamino)tetrahydro-2H-pyran-2-yl)oxy)-4-formyl-4-hydroxy-5-methyltetrahydrofuran-2-yl)oxy)-2,5,6-trihydroxycyclohexane-1,3-diyl)diguanidine sulfate

Synonyms : NA  
CAS Number : 3810-74-0  
CAT Number : CP-S124001  
Molecular Formula : C<sub>21</sub>H<sub>39</sub>N<sub>7</sub>O<sub>12</sub> : H<sub>2</sub>O<sub>4</sub>S  
Molecular Weight : 581.6 : 98.1  
Batch Number : CP-STR-SUL-1024  
Storage Condition : Tightly closed, Inert atmosphere at -20° C  
Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/D2O
3)	MASS By LCMS	Confirm to structure
4)	Assay by NMR	99.20%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	4.962%
7)	Potency by TGA	94.27%



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.