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## CERTIFICATE OF ANALYSIS

Analysis Date:

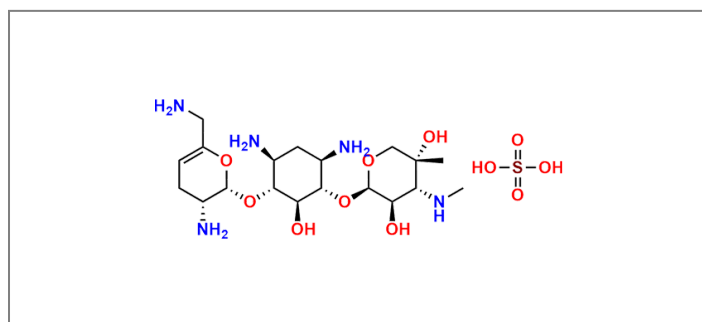
Re-test Date:

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

### Identification:

Chemical Name: (2R,3R,4R,5R)-2-(((1S,2S,3R,4S,6R)-4,6-diamino-3-(((2S,3R)-3-amino-6-(aminomethyl)-3,4-dihydro-2H-pyran-2-yl)oxy)-2-hydroxycyclohexyl)oxy)-5-methyl-4-(methylamino)tetrahydro-2H-pyran-3,5-diol sulfate

Synonyms : NA  
CAS Number : 53179-09-2  
CAT Number : CP-S139001  
Molecular Formula : C<sub>19</sub>H<sub>37</sub>N<sub>5</sub>O<sub>7</sub> : 5/2(H<sub>2</sub>SO<sub>4</sub>)  
Molecular Weight : 447.5 : 5/2(98.1)



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure



**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.