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## CERTIFICATE OF ANALYSIS

Analysis Date:

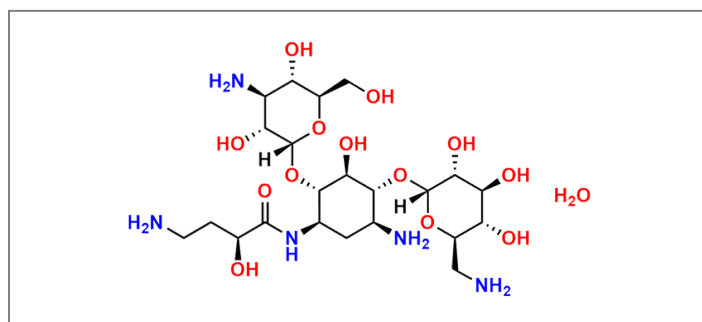
Re-test Date:

**Product Name: Amikacin Hydrate**

### Identification:

Chemical Name: 6-O-(3-Amino-3-deoxy- $\alpha$ -D-glucopyranosyl)-4-O-(6-amino-6-deoxy- $\alpha$ -D-glucopyranosyl)-1-N-[(2S)-4-amino-2-hydroxybutanoyl]-2-deoxy-D-streptamine hydrate

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-A190021  
Molecular Formula : C<sub>22</sub>H<sub>43</sub>N<sub>5</sub>O<sub>13</sub> : H<sub>2</sub>O  
Molecular Weight : 585.6 : 18.0



### 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	>95%
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.