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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Amikacin EP Impurity H**

### Identification:

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

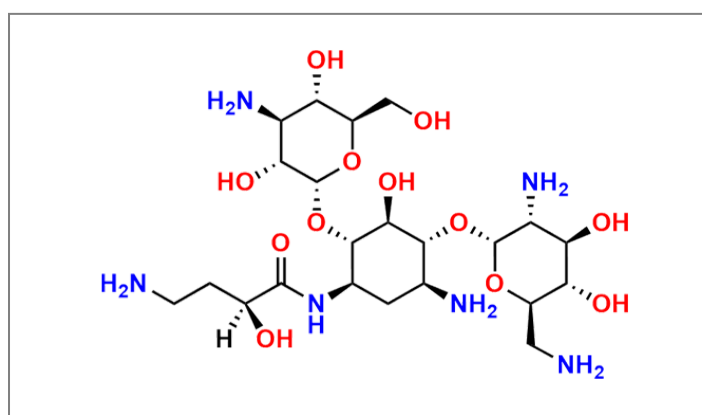
Synonyms : Amikacin B Sulfate

CAS Number : 48237-20-3

CAT Number : CP-A190008

Molecular Formula : C<sub>22</sub>H<sub>44</sub>N<sub>6</sub>O<sub>12</sub>

Molecular Weight : 584.62



### 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.