









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 Mob- +91 9284897978

## **CERTIFICATE OF ANALYSIS**

Analysis Date: Re-test Date:

Product Name: Kanamycin Sulfate Hydrate (In House Standard)

## **Identification:**

Chemical Name: (2R,3S,4R,5R,6R)-2-(aminomethyl)-6-(((1R,2R,3S,4R,6S)-4,6-diamino-3-(((2S,3R,4S,5S,6R)-4-amino-3,5dihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)-2-hydroxycyclohexyl)oxy)tetrahydro-2H-pyran-3,4,5-triol sulfate hydrate

Synonyms : NA

**CAS Number** : 5965-95-7

**CAT Number** : CP-K6003

Molecular Formula : C18H36N4O11: H2O4S: H20

Molecular Weight : 484.5 : 98.07 : 18.02

HO 
$$H_2N$$
  $H_2$   $H_2N$   $H_2$   $H_3$   $H_4$   $H_5$   $H_5$   $H_5$   $H_5$   $H_6$   $H_6$   $H_7$   $H_8$   $H_8$ 

## **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.