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## CERTIFICATE OF ANALYSIS

Analysis Date:

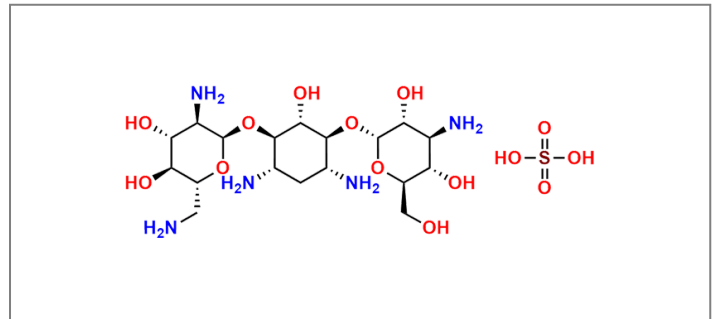
Re-test Date:

**Product Name: kanamycin B (Sulfate)**

### Identification:

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

Synonyms : NA  
CAS Number : 29701-07-3  
CAT Number : CP-K6005  
Molecular Formula : C<sub>18</sub>H<sub>37</sub>N<sub>5</sub>O<sub>10</sub> : H<sub>2</sub>O<sub>4</sub>S  
Molecular Weight : 483.52 : 98.07



### 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.