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## CERTIFICATE OF ANALYSIS

Analysis Date:

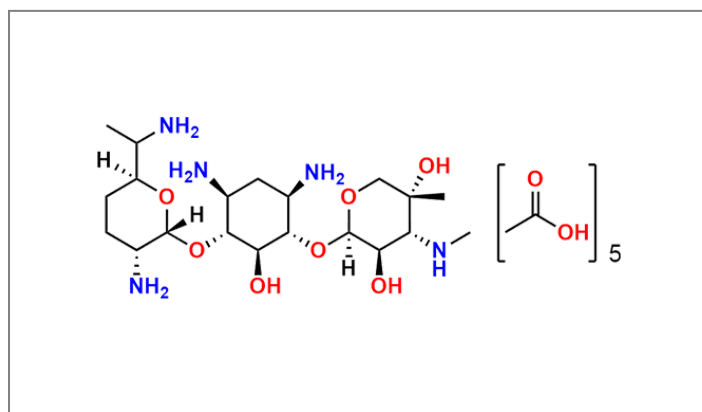
Re-test Date:

**Product Name: Gentamicin C2 Pentaacetate**

### Identification:

Chemical Name: (2R,3R,4R,5R)-2-(((1S,2S,3R,4S,6R)-4,6-Diamino-3-(((2R,3R,6S)-3-amino-6-(1-aminoethyl)tetrahydro-2H-pyran-2-yl)oxy)-2-hydroxycyclohexyl)oxy)-5-methyl-4-(methylamino)tetrahydro-2H-pyran-3,5-diol penta acetate

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-G33010  
Molecular Formula : C<sub>20</sub>H<sub>41</sub>N<sub>5</sub>O<sub>7</sub> : 5(C<sub>2</sub>H<sub>4</sub>O<sub>2</sub>)  
Molecular Weight : 463.58 : 5(60.05)



### 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.