

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Talaja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

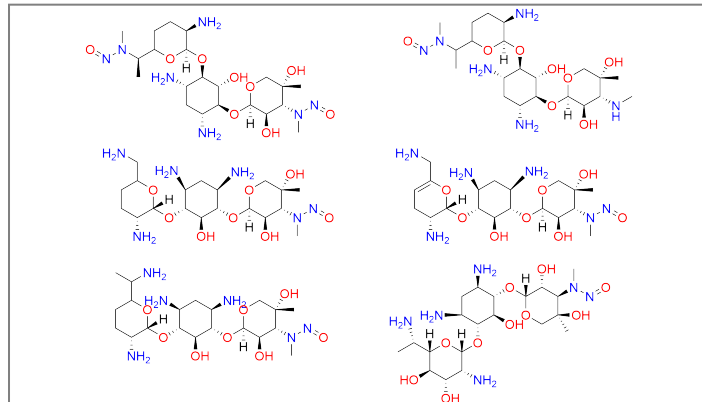
Re-test Date:

**Product Name: Mixture of N-Nitroso Gentamicin**

### Identification:

Chemical Name: N-((2R,3R,4R,5R)-2-(((1S,2S,3R,4S,6R)-4,6-diamino-3-(((2R,3R)-3-amino-6-((R)-1-(methyl(nitroso)amino)ethyl)tetrahydro-2H-pyran-2-yl)oxy)-2-hydroxycyclohexyl)oxy)-3,5-dihydroxy-5-methyltetrahydro-2H-pyran-4-yl)-N-methylnitrous amide compound with N-((2R,3R,4R,5R)-2-(((1S,2S,3R,4S,6R)-4,6-diamino-3-(((2R,3R)-3-amino-6-(1-aminoethyl)tetrahydro-2H-pyran-2-yl)oxy)-2-hydroxycyclohexyl)oxy)-3,5-dihydroxy-5-methyltetrahydro-2H-pyran-4-yl)-N-methylnitrous amide and N-((2R,3R,4R,5R)-2-(((1S,2S,3R,4S,6R)-4,6-diamino-3-(((2R,3R)-3-amino-6-(aminomethyl)tetrahydro-2H-pyran-2-yl)oxy)-2-hydroxycyclohexyl)oxy)-3,5-dihydroxy-5-methyltetrahydro-2H-pyran-4-yl)-N-methylnitrous amide and N-((2R,3R,4R,5R)-2-(((1S,2S,3R,4S,6R)-4,6-diamino-3-(((2R,3R,4S,5R,6S)-3-amino-6-((S)-1-aminoethyl)-4,5-dihydroxytetrahydro-2H-pyran-2-yl)oxy)-2-hydroxycyclohexyl)oxy)-3,5-dihydroxy-5-methyltetrahydro-2H-pyran-4-yl)-N-methylnitrous amide and N-((2R,3R,4R,5R)-2-(((1S,2S,3R,4S,6R)-4,6-diamino-3-(((2S,3R)-3-amino-6-(aminomethyl)-3,4-dihydro-2H-pyran-2-yl)oxy)-2-hydroxycyclohexyl)oxy)-3,5-dihydroxy-5-methyltetrahydro-2H-pyran-4-yl)-N-methylnitrous amide and N-(1-((5R,6R)-5-amino-6-(((1R,2S,3S,4R,6S)-4,6-diamino-3-(((2R,3R,4R,5R)-3,5-dihydroxy-5-methyl-4-(methylamino)tetrahydro-2H-pyran-2-yl)oxy)-2-hydroxycyclohexyl)oxy)tetrahydro-2H-pyran-2-yl)ethyl)-N-methylnitrous amide (1:1:1:1:1:1)

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-G33009  
Molecular Formula : C<sub>21</sub>H<sub>42</sub>N<sub>6</sub>O<sub>8</sub> : C<sub>19</sub>H<sub>38</sub>N<sub>6</sub>O<sub>8</sub> :  
C<sub>20</sub>H<sub>40</sub>N<sub>6</sub>O<sub>8</sub> : C<sub>21</sub>H<sub>41</sub>N<sub>7</sub>O<sub>9</sub> :  
C<sub>19</sub>H<sub>36</sub>N<sub>6</sub>O<sub>8</sub> : C<sub>20</sub>H<sub>40</sub>N<sub>6</sub>O<sub>10</sub>  
Molecular Weight : 506.6 : 478.5 : 492.6 : 535.6 :  
476.5 : 524.6



### 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.