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## CERTIFICATE OF ANALYSIS

Analysis Date:

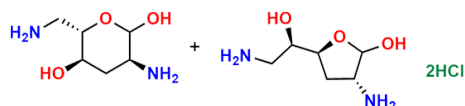
Re-test Date:

**Product Name: Tobramycin Impurity 4 (Mixture of Isomers)**

### Identification:

Chemical Name: (3R,5S,6R)-3-amino-6-(aminomethyl)tetrahydro-2H-pyran-2,5-diol, hydrochloride (1:2) and (3R,5S)-3-amino-5-((R)-2-amino-1-hydroxyethyl)tetrahydrofuran-2-ol, hydrochloride (1:2)

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-T96015  
Molecular Formula : C<sub>6</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub> : 2(HCl)  
Molecular Weight : 162.19 : 2(36.46)



### 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.