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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

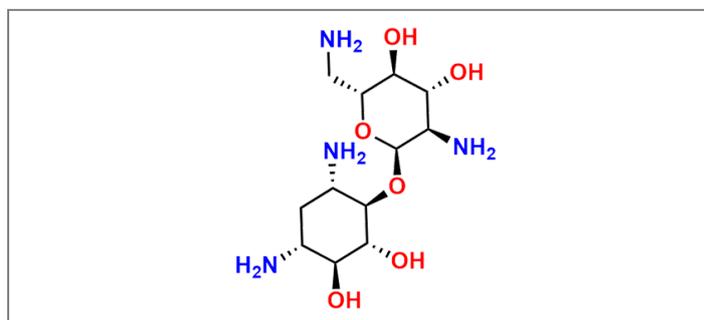
Re-test Date: Sep 2028

Product Name: Neomycin sulfate EP Impurity A

Identification:

Chemical Name: (2R,3S,4R,5R,6R)-5-amino-2-(aminomethyl)-6-(((1R,2R,3S,4R,6S)-4,6-diamino-2,3-dihydroxycyclohexyl)oxy)tetrahydro-2H-pyran-3,4-diol

Synonyms : Neamine
CAS Number : 3947-65-7
CAT Number : CP-N53001
Molecular Formula : C₁₂H₂₆N₄O₆
Molecular Weight : 322.36
Batch Number : CP-NEO-SULA-1025
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Brown Hygroscopic Solid
2)	Solubility	Soluble in Methanol/D2O
3)	MASS By LCMS	Confirm to structure
4)	Assay By QNMR	99.13%
5)	¹ H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	6.393 %



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.