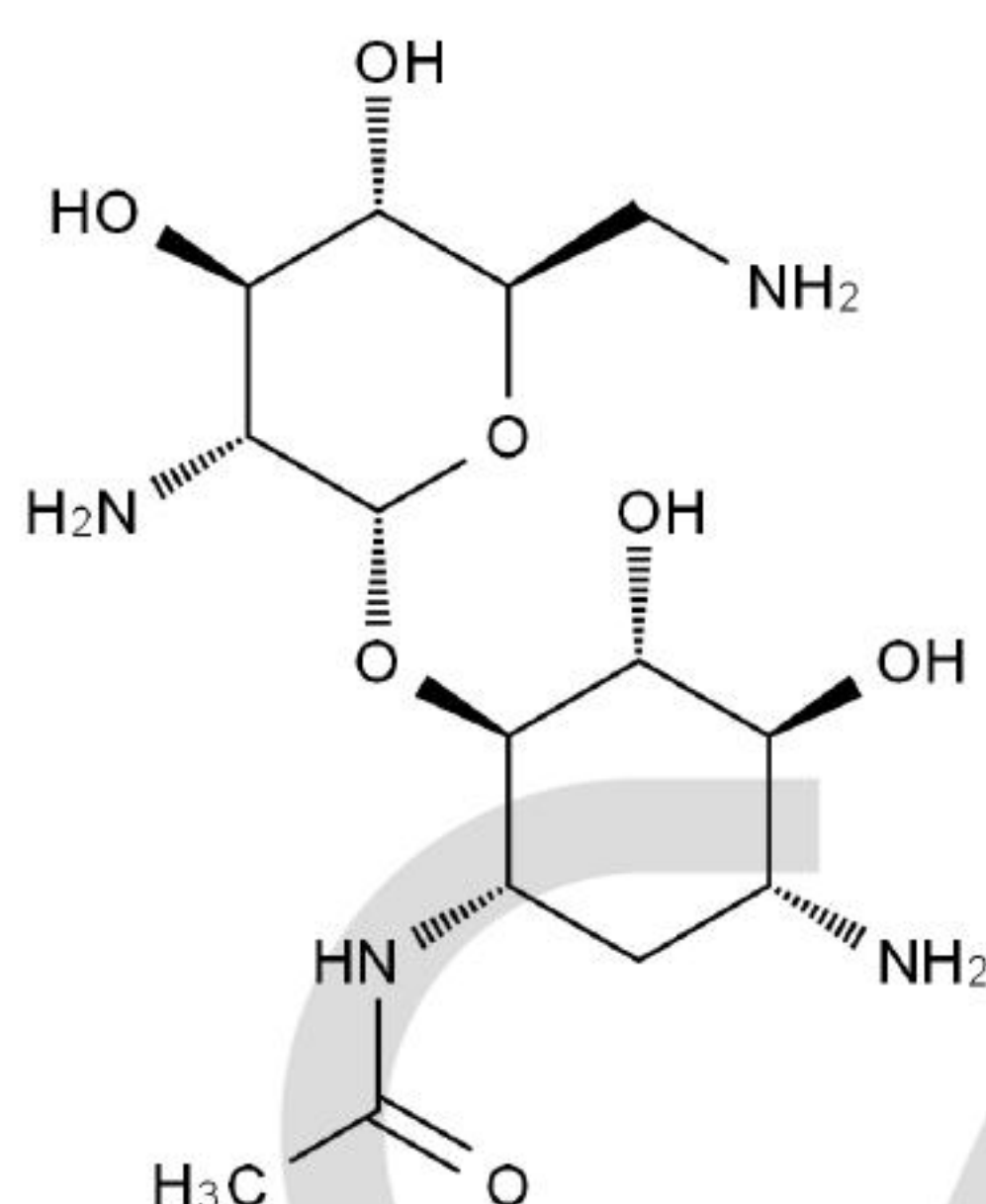


Certificate of Analysis

Reference Material & Standard

Product Name:	Neomycin EP Impurity B	Catalogue Number:	C4X-18458
Synonyms:	N/A	Lot Number:	1202-RF-0101
CAS Number:	54617-39-9	Expiry Date:	Sep 22, 2026
Molecular Formula:	C ₁₄ H ₂₈ N ₄ O ₇	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	364.39		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	ELSD	100.00%
Residue on Ignition	TGA	0.51%
Loss On Drying	TGA	1.35%
Assay		98.1%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity ELSD (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Dec 03, 2024

Date: Dec 03, 2024

Date: Dec 03, 2024

