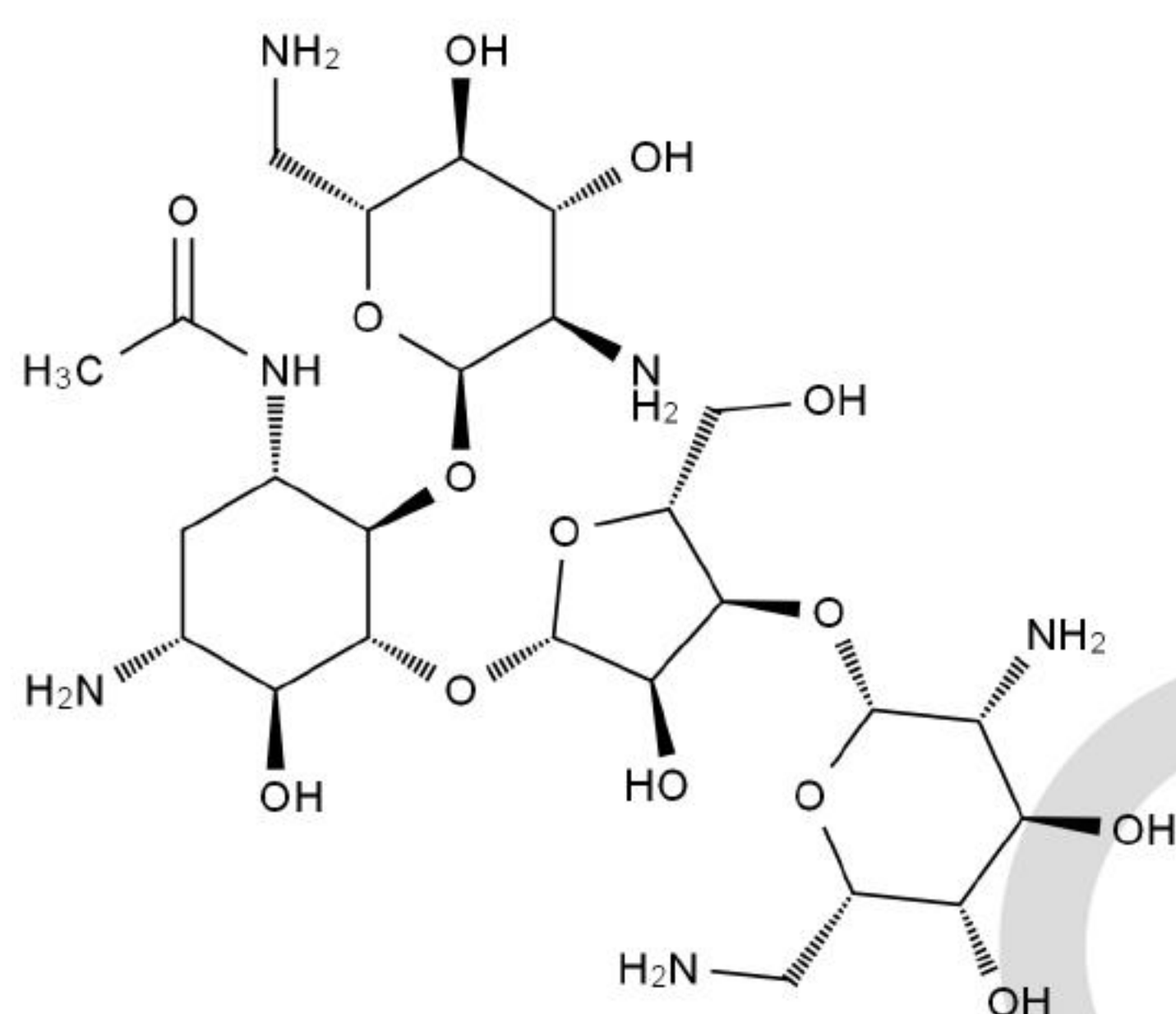


Certificate of Analysis

Reference Material & Standard

Product Name:	Neomycin EP Impurity G	Catalogue Number:	C4X-184510
Synonyms:	N/A	Lot Number:	1010-RE-0049
CAS Number:	54631-94-6	Expiry Date:	Sep 12, 2025
Molecular Formula:	C ₂₅ H ₄₈ N ₆ O ₁₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	656.68		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	ELSD	98.73%
Loss On Drying	TGA	6.4977%
Assay		92.3%

Comment:

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

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

Loss On Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Aproved by General Manager:

David

Date: Oct 19, 2023

Date: Oct 19, 2023

Date: Oct 19, 2023

