

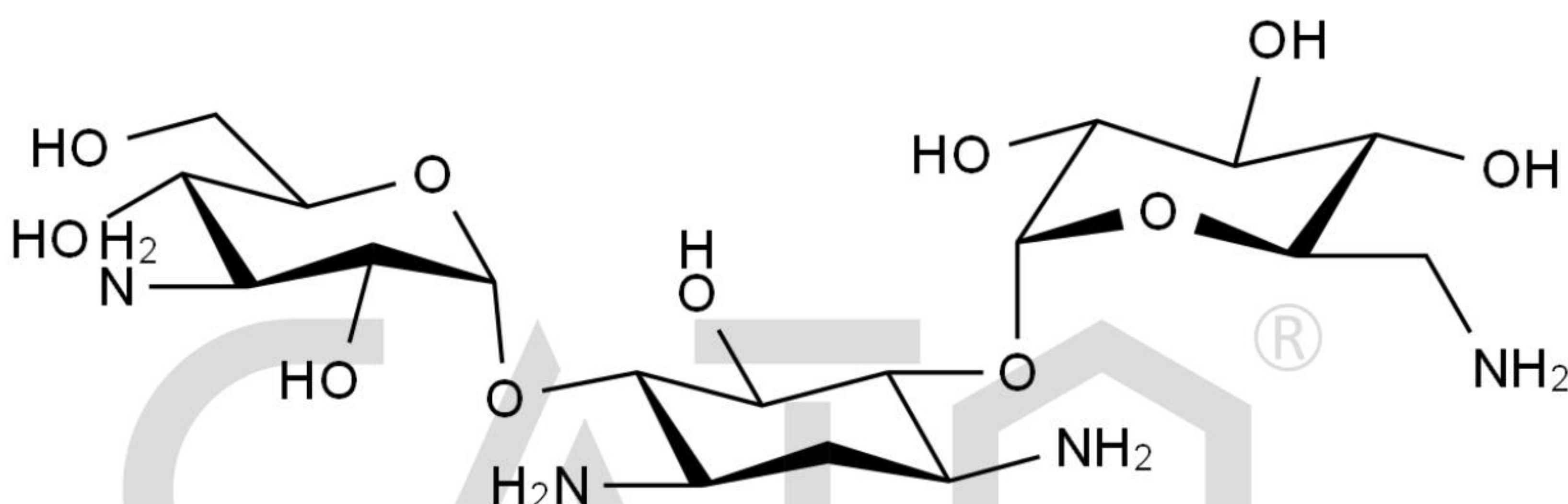
Certificate of Analysis

Reference Material & Standard

Product Name:	Kanamycin	Catalogue Number:	C4X-1481
Synonyms:	N/A	Lot Number:	0522-RF-0044
CAS Number:	59-01-8	Expiry Date:	May 29, 2027
Molecular Formula:	C ₁₈ H ₃₆ N ₄ O ₁₁	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	484.50	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	97.770%
Residue on Ignition	TGA	0.9697%
Loss On Drying	TGA	0.2215%
Assay		96.6%

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:

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Reviewed by:

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Approved by General Manager:

David

Date: May 30, 2024

Date: May 30, 2024

Date: May 30, 2024

