

Certificate of Analysis

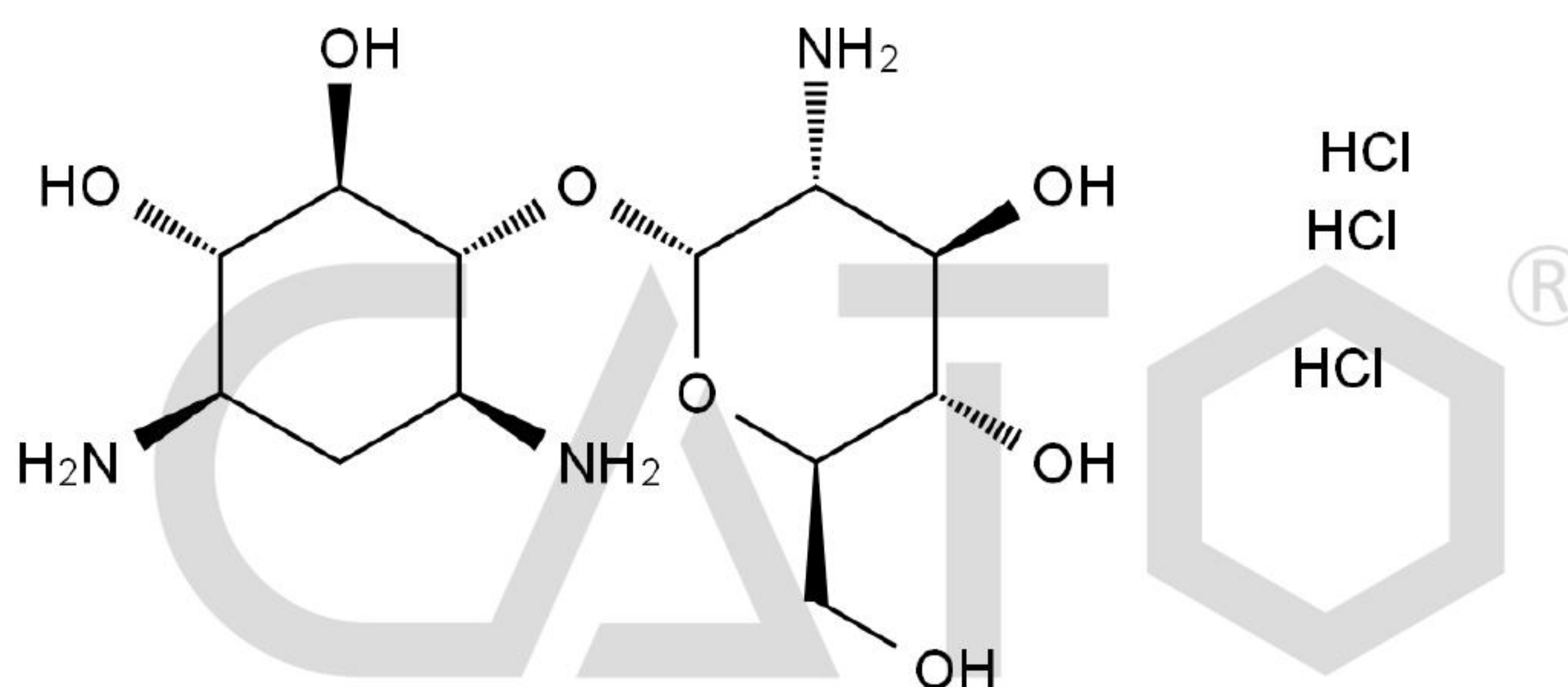
Reference Material & Standard

Product Name:	Neomycin Sulfate EP Impurity D	Catalogue Number:	C4X-18451
Synonyms:	N/A	Lot Number:	0421-RH-0088
CAS Number:	18685-97-7	Expiry Date:	Apr 26, 2030
Molecular Formula:	C ₁₂ H ₂₅ N ₃ O ₇ 3*HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	323.34 3*36.46	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	97.162%
Loss on Drying	TGA	5.3216%
Assay		92.0%

Comment:

The calculation of the mass balance 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:

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Approved by General Manager:

David

Date: Apr 27, 2026

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