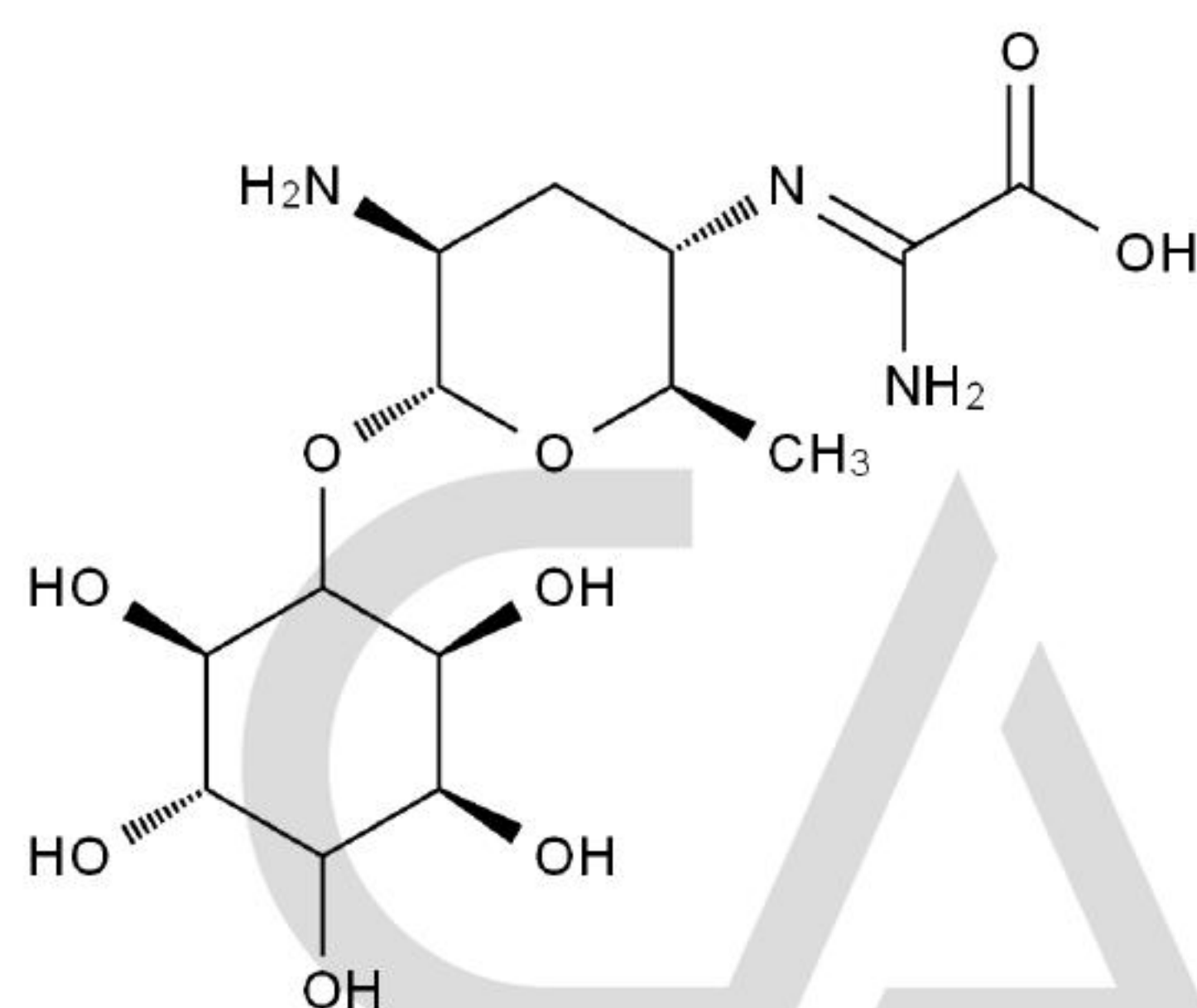


Certificate of Analysis

Reference Material & Standard

Product Name:	Kasugamycin	Catalogue Number:	CCPD102459
Synonyms:	N/A	Lot Number:	0624-RH-0004
CAS Number:	6980-18-3	Expiry Date:	Jun 25, 2030
Molecular Formula:	C ₁₄ H ₂₅ N ₃ O ₉	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	379.36	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.0%
Assay	qNMR	83.6%
Uncertainty		±2.8%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 26, 2026

Date: Jun 26, 2026

Date: Jun 26, 2026



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