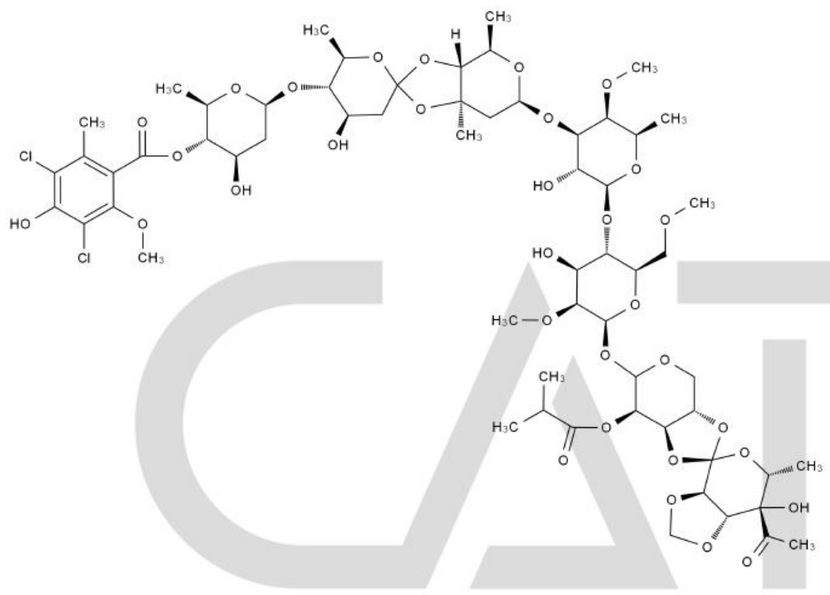
Certificate of Analysis

Reference Material & Standard

Product Name:	Avilamycin	**Catalogue Number:**	CCAD301500
Synonyms:	N/A	**Lot Number:**	1110-RH-0010
CAS Number:	11051-71-1	**Expiry Date:**	Jun 10, 2029
Molecular Formula:	$C_{61}H_{88}Cl_2O_{32}$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1404.24	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Beige to Light Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	79.3%
Uncertainty		±4.1%

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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: Lisa Date: Nov 11, 2026

Reviewed by: Hinlam Date: Nov 12, 2026

Approved by General Manager: David Date: Nov 12, 2026

CATO Research Chemicals Inc.