

Certificate of Analysis

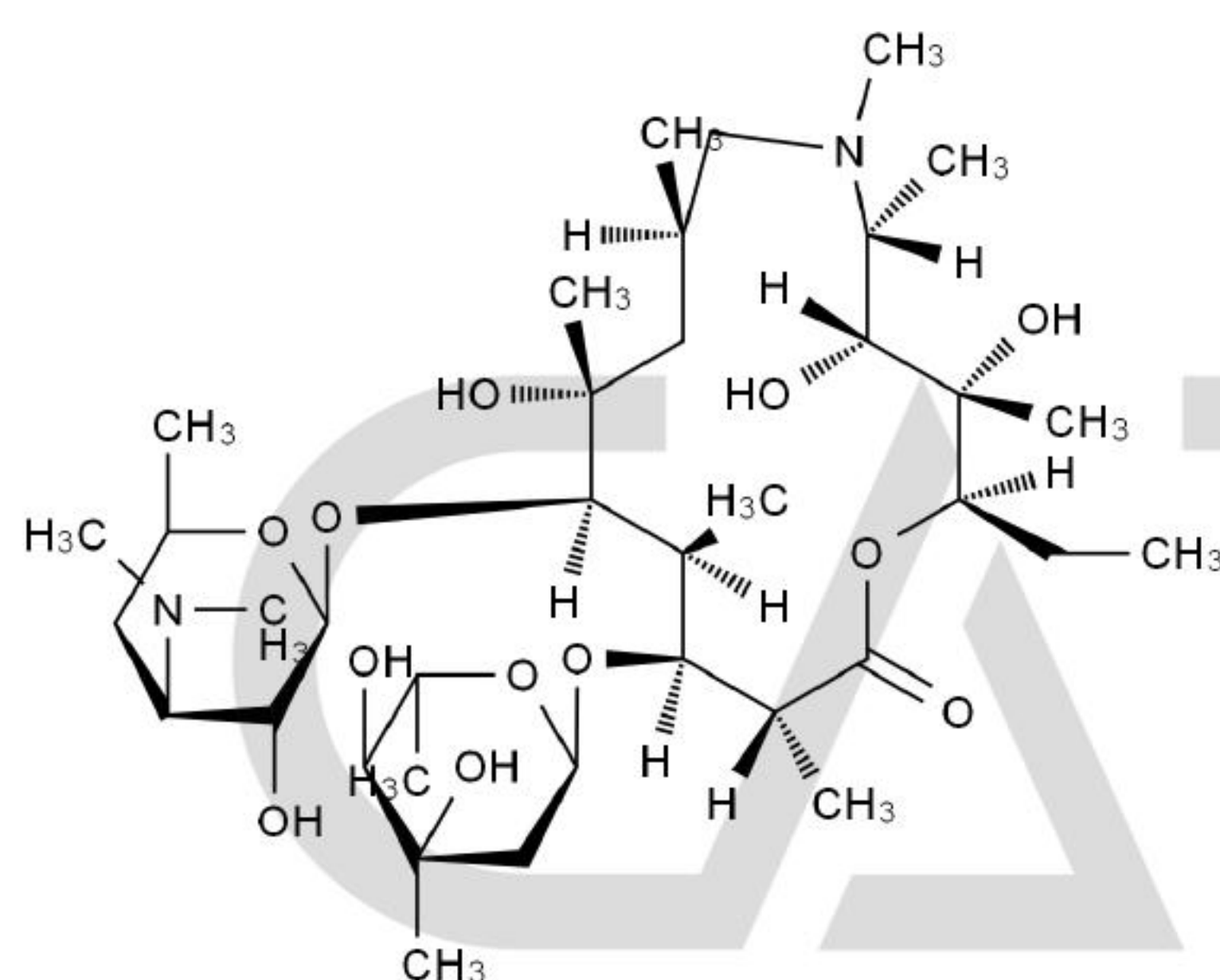
Reference Material & Standard

Product Name:	Azithromycin EP Impurity C	Catalogue Number:	C4X-10036
Synonyms:	N/A	Lot Number:	0108-RH-0043
CAS Number:	620169-47-3	Expiry Date:	Sep 20, 2030
Molecular Formula:	C ₃₇ H ₇₀ N ₂ O ₁₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	734.96	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	96.92%
Residue on Ignition	TGA	0.565%
Loss On Drying	TGA	0.904%
Assay		95.5%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Date: Jan 08, 2026

Date: Jan 09, 2026

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