

Certificate of Analysis

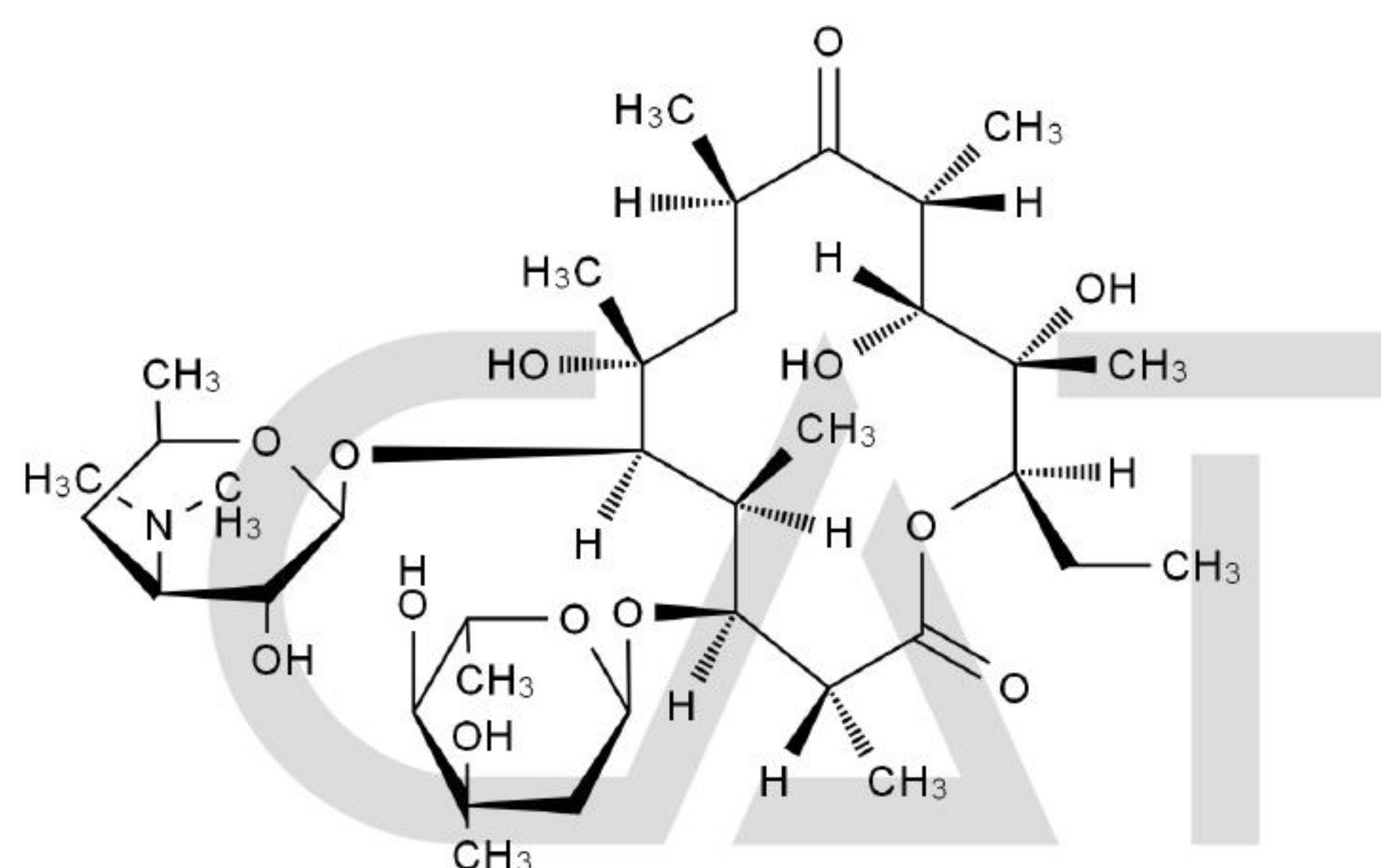
Reference Material & Standard

Product Name:	Erythromycin C	Catalogue Number:	C4X-10014
Synonyms:	N/A	Lot Number:	0428-RH-0050
CAS Number:	1675-02-1	Expiry Date:	May 13, 2030
Molecular Formula:	C ₃₆ H ₆₅ NO ₁₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	719.90	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.625%
Loss on Drying	TGA	1.2537%
Assay		98.4%

Comment:

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

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

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Reviewed by:

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Date: Aug 19, 2026

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