

Certificate of Analysis

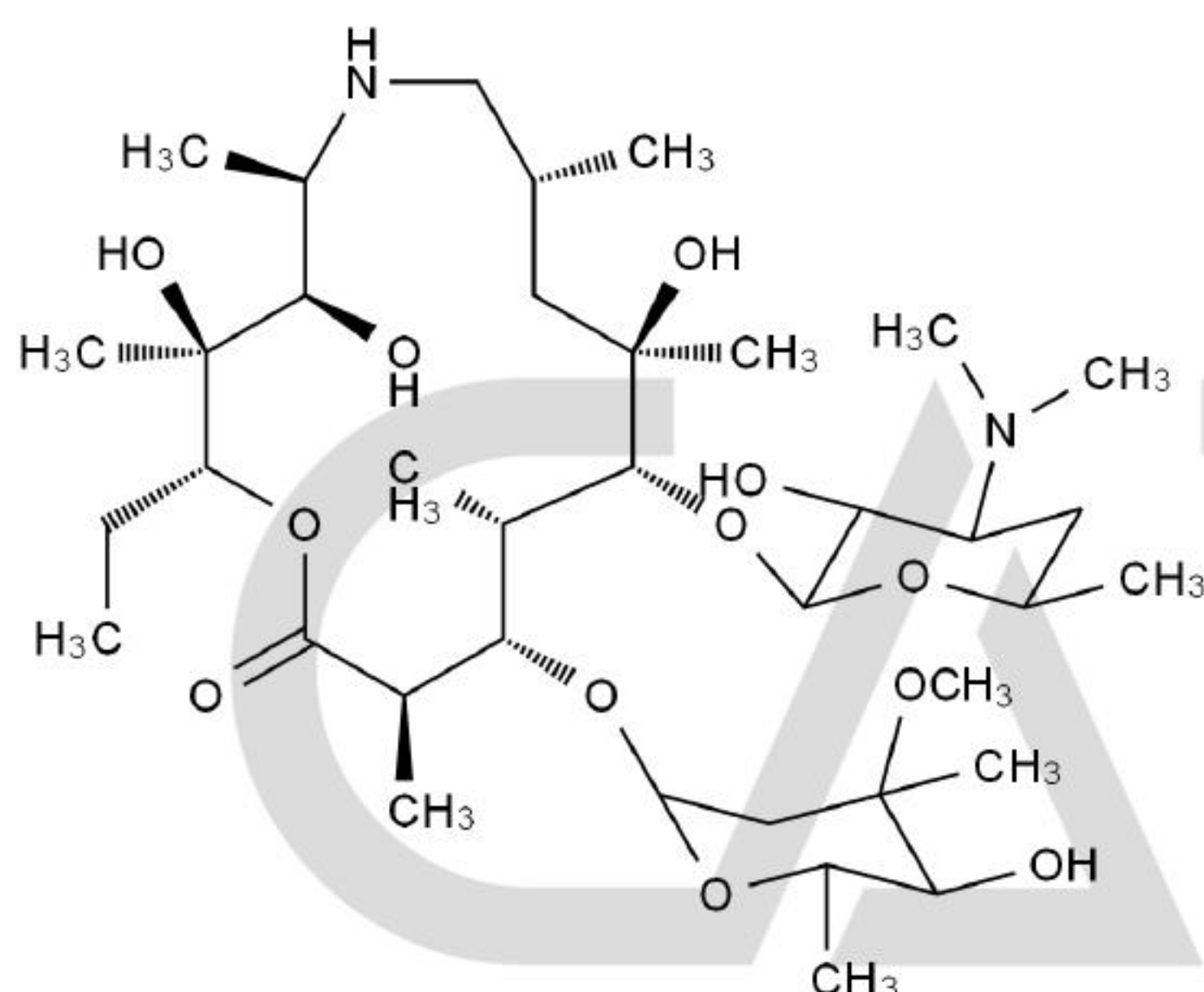
Reference Material & Standard

Product Name:	Azithromycin EP Impurity A	Catalogue Number:	C4X-100319
Synonyms:	Azaerythromycin A/Azithromycin CP Impurity A	Lot Number:	1019-RG-0025
CAS Number:	76801-85-9	Expiry Date:	Oct 21, 2029
Molecular Formula:	C ₃₇ H ₇₀ N ₂ O ₁₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	734.96		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	98.444%
Loss On Drying	TGA	1.8873%
Assay		96.6%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Oct 22, 2025

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Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

