

Certificate of Analysis

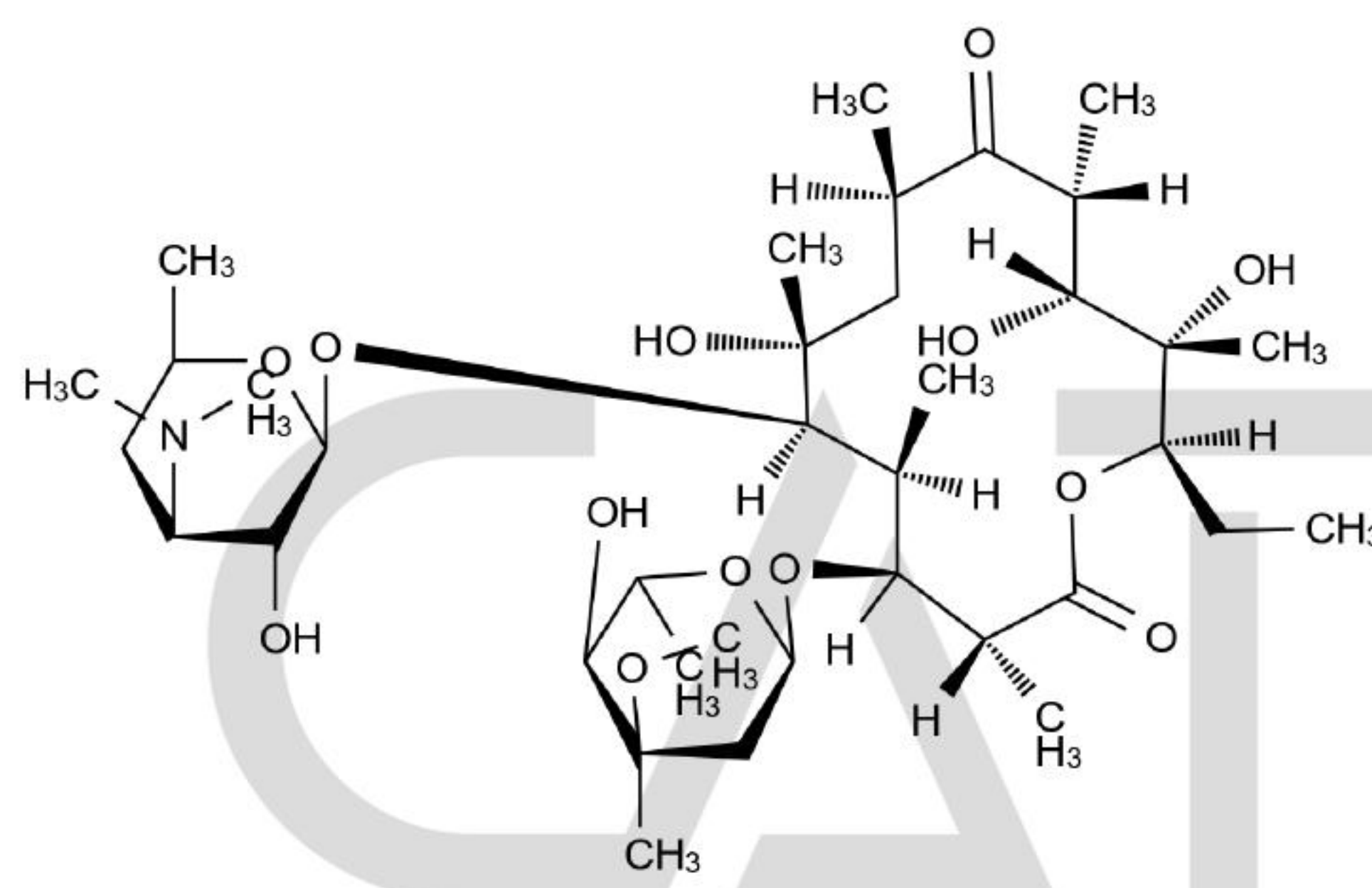
Reference Material & Standard

Product Name:	Erythromycin	Catalogue Number:	C4X-1001
Synonyms:	Roxithromycin EP Impurity A	Lot Number:	0605-RH-0032
CAS Number:	114-07-8	Expiry Date:	Jun 08, 2030
Molecular Formula:	C ₃₇ H ₆₇ NO ₁₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	733.93	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.390%
Residue on Ignition	TGA	0.2591%
Loss on Drying	TGA	1.6963%
Assay		95.5%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 09, 2026

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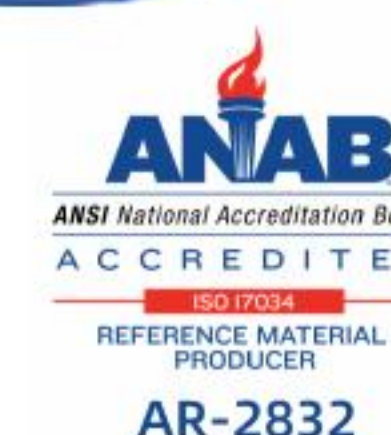
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

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