

Certificate of Analysis

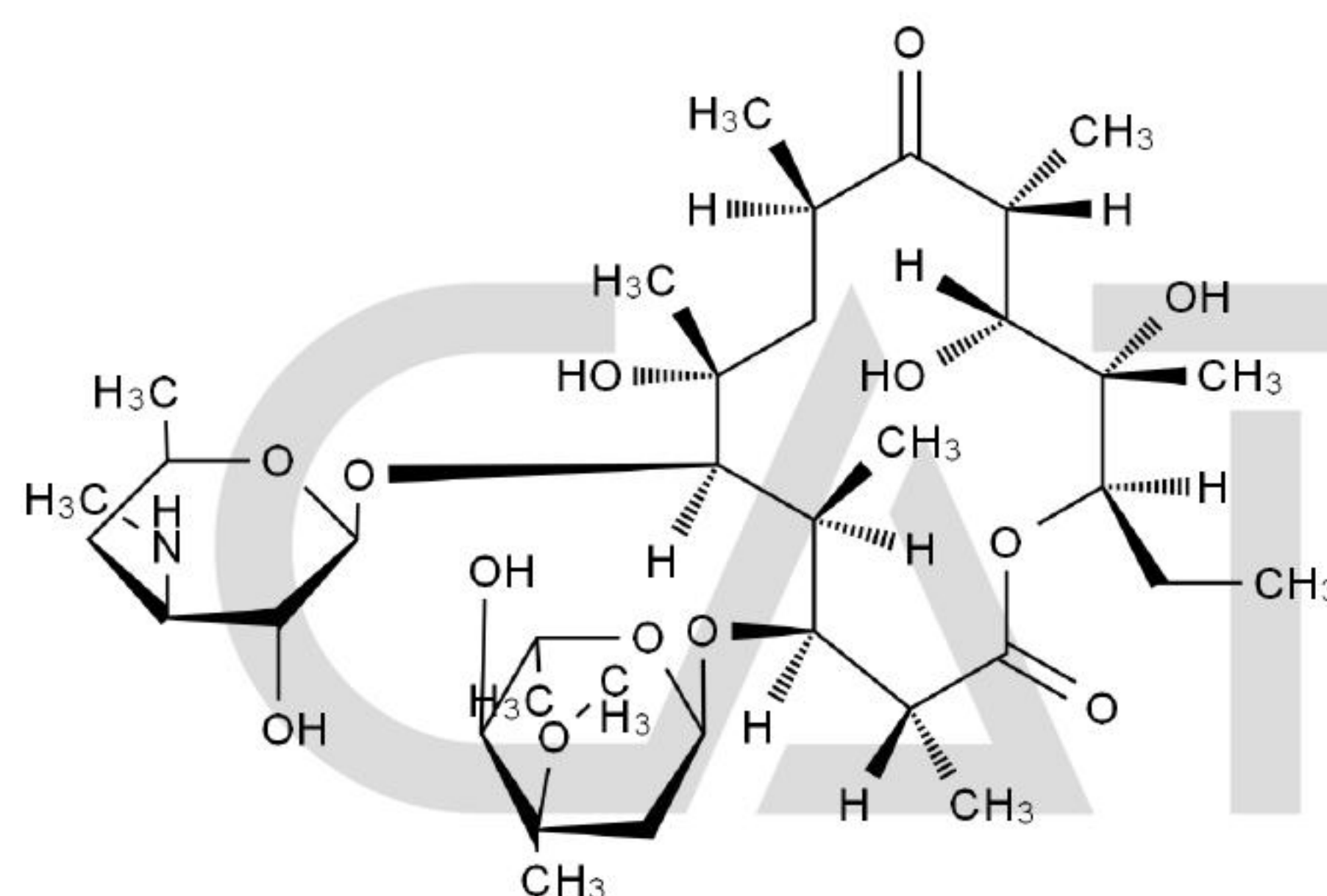
Reference Material & Standard

Product Name:	Erythromycin EP Impurity B	Catalogue Number:	C4X-10011
Synonyms:	Clarithromycin EP Impurity R/Erythromycin USP RC N	Lot Number:	0116-RH-0102
CAS Number:	992-62-1	Expiry Date:	Jan 21, 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	White Solid
Identification	LCMS&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.376%
Loss on Drying	TGA	1.9133%
Assay		96.5%

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:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 10, 2026

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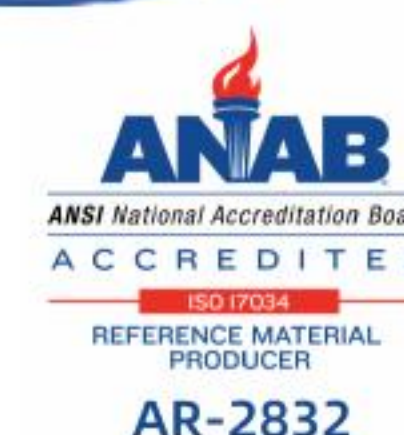
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