

Certificate of Analysis

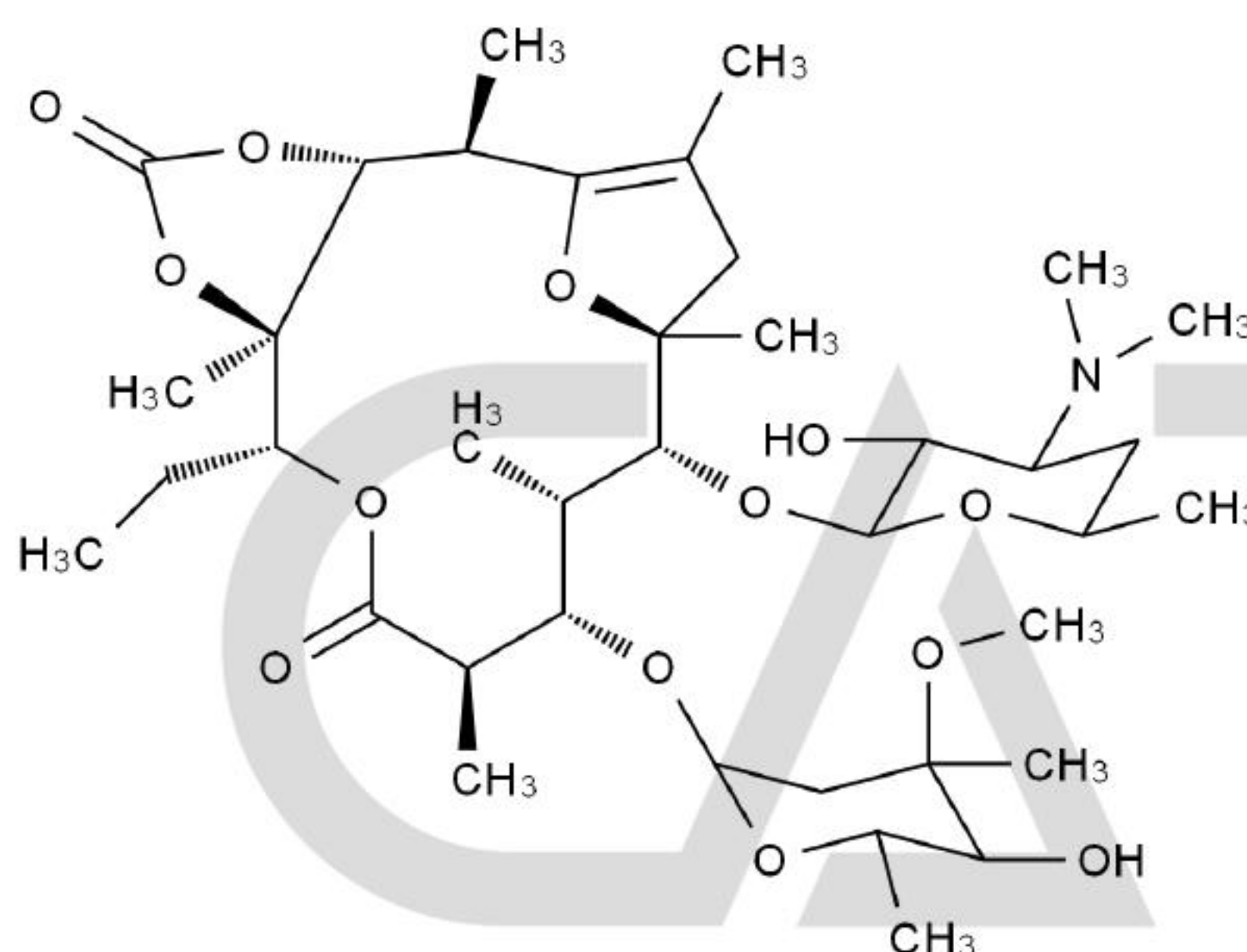
Reference Material & Standard

Product Name:	Erythromycin Impurity 13	Catalogue Number:	C4X-100113
Synonyms:	N/A	Lot Number:	0122-RH-0067
CAS Number:	58781-38-7	Expiry Date:	Oct 10, 2027
Molecular Formula:	C ₃₈ H ₆₃ NO ₁₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	741.91	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	99.4547%
Loss On Drying	TGA	0.157%
Assay		99.3%

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:

Reviewed by:

Approved by General Manager:

Date: Jan 22, 2026

Date: Jan 23, 2026

Date: Jan 23, 2026



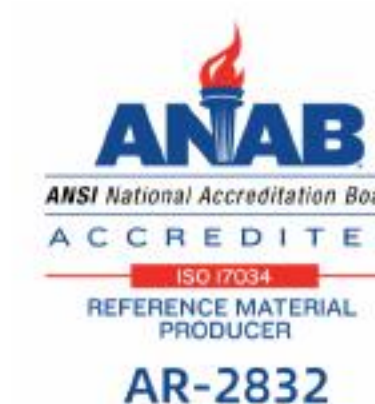
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