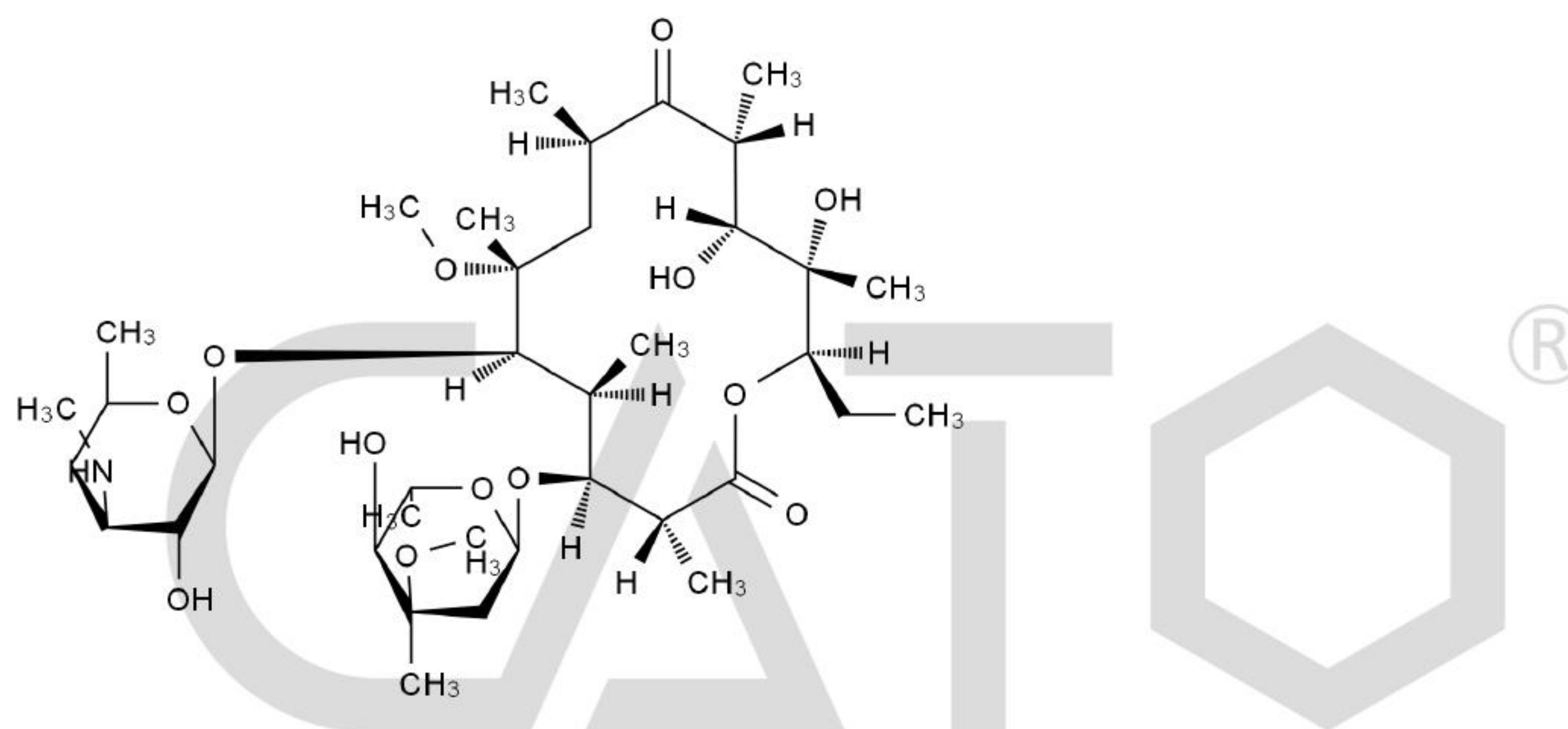


Certificate of Analysis

Reference Material & Standard

Product Name:	Clarithromycin EP Impurity D	Catalogue Number:	C4X-10026
Synonyms:	Clarithromycin impurity D(USP)	Lot Number:	0731-RH-0057
CAS Number:	101666-68-6	Expiry Date:	Jul 30, 2030
Molecular Formula:	C ₃₇ H ₆₇ NO ₁₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	733.93	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.0000%
Loss on Drying	TGA	1.672%
Assay		98.3%

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:

Reviewed by:

Approved by General Manager:

Date: Jul 31, 2026

Date: Jul 31, 2026

Date: Jul 31, 2026



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