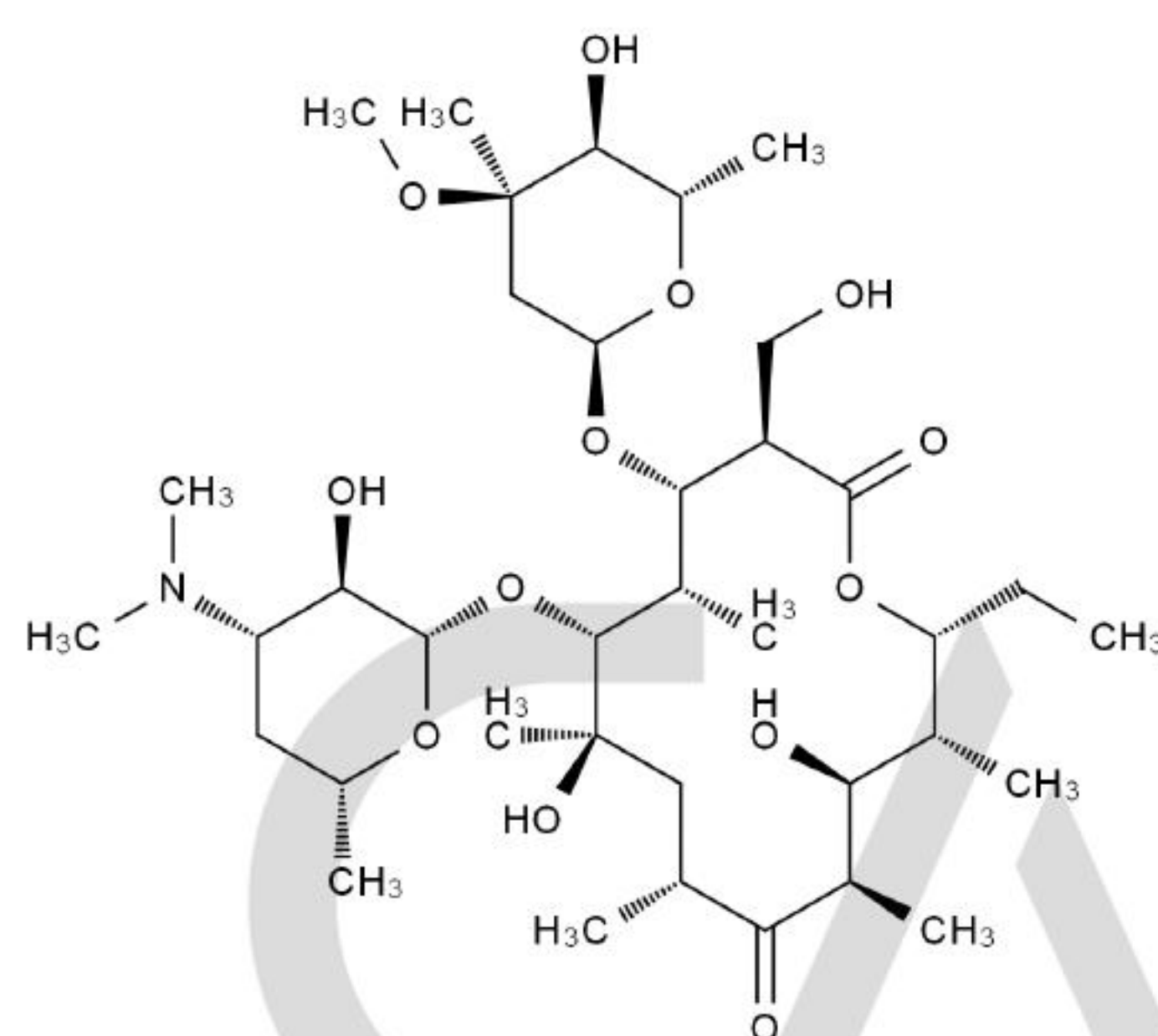


Certificate of Analysis

Reference Material & Standard

Product Name:	Erythromycin EP Impurity M	Catalogue Number:	C4X-100144
Synonyms:	Erythromycin G	Lot Number:	0306-RF-0043
CAS Number:	616234-56-1	Expiry Date:	Jul 25, 2028
Molecular Formula:	C ₃₇ H ₆₇ NO ₁₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	733.93		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.242%
Loss On Drying	TGA	4.387%
Assay		91.1%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hin Lam

Aproved by General Manager:

David

Date: Mar 08, 2024

Date: Mar 08, 2024

Date: Mar 08, 2024

