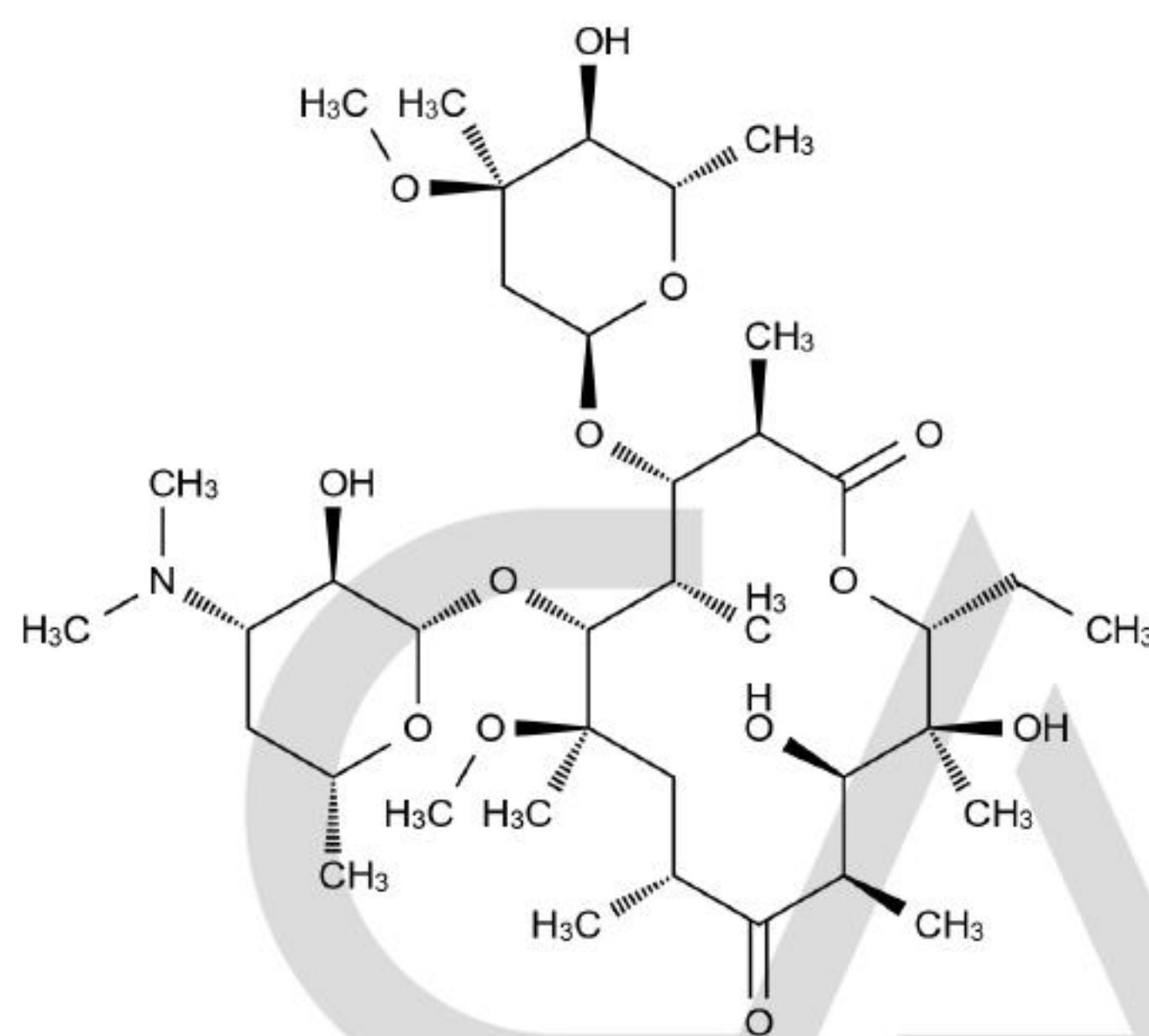


Certificate of Analysis

Reference Material & Standard

Product Name:	Clarithromycin	Catalogue Number:	CCAD300141
Synonyms:	N/A	Lot Number:	0131-RE-0070
CAS Number:	81103-11-9	Expiry Date:	Jan 30, 2027
Molecular Formula:	C ₃₈ H ₆₉ NO ₁₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	747.95	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.924%
Water Content	Karl Fischer	1.5100%
Assay		97.4%
Uncertainty		±2.0%

Comment:

1. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Xenia

Aproved by General Manager:

David

Date: Jan 31, 2023

Date: Jan 31, 2023

Date: Jan 31, 2023

