

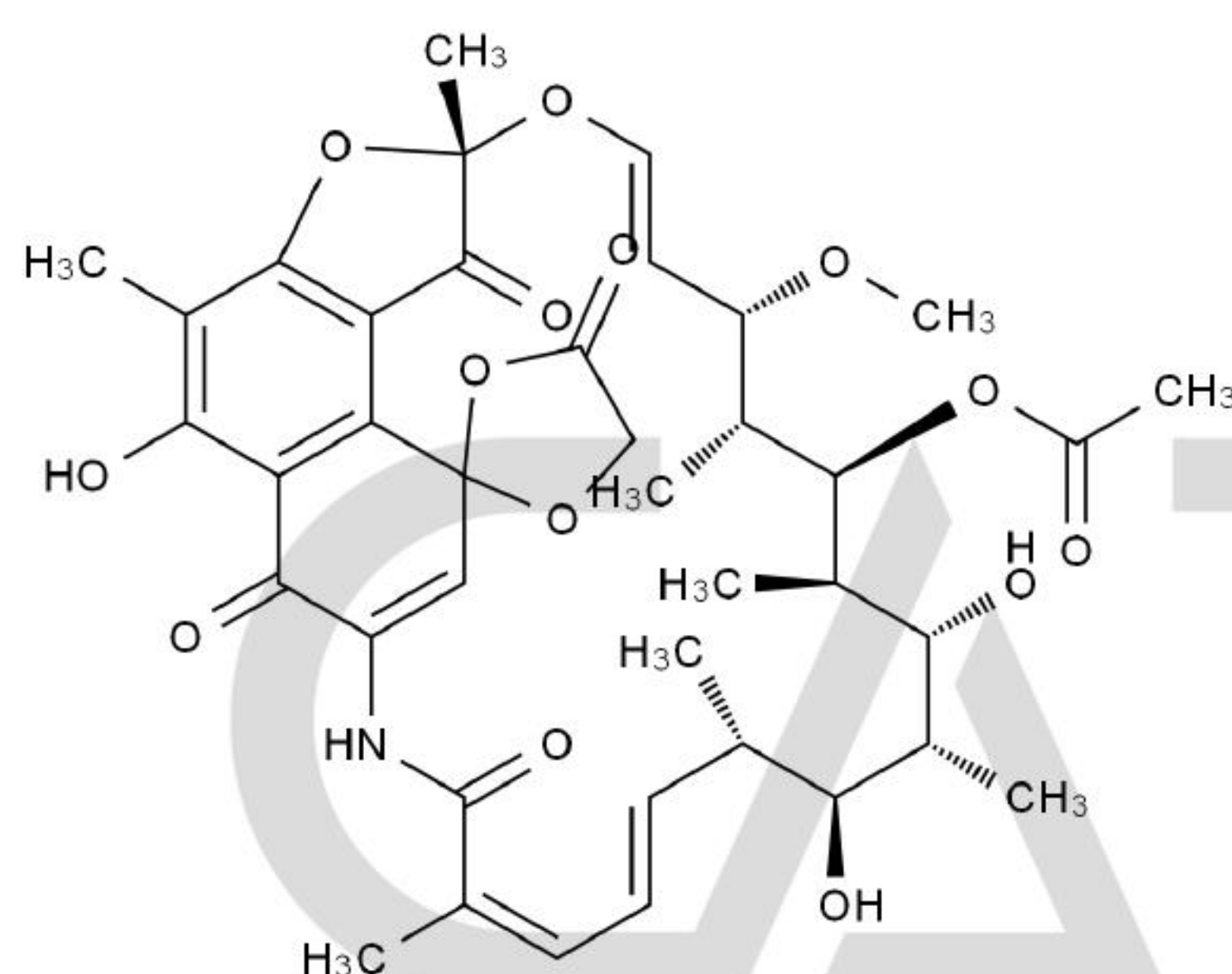
Certificate of Analysis

Reference Material & Standard

Product Name:	Rifaximin EP Impurity F	Catalogue Number:	C4X-15056
Synonyms:	N/A	Lot Number:	1226-RG-0067
CAS Number:	14487-05-9	Expiry Date:	Dec 25, 2029
Molecular Formula:	C ₃₉ H ₄₇ NO ₁₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	753.79	Shipping Condition:	Shipping at Room Temperature
Solubility:	Methanol	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	95.384%
Residue on Ignition	TGA	0.0606%
Loss on Drying	TGA	0.0873%
Assay		95.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 06, 2026

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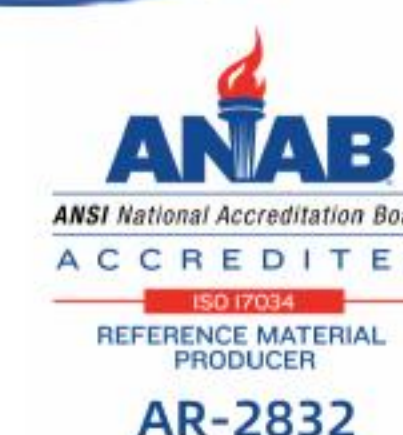
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