

Certificate of Analysis

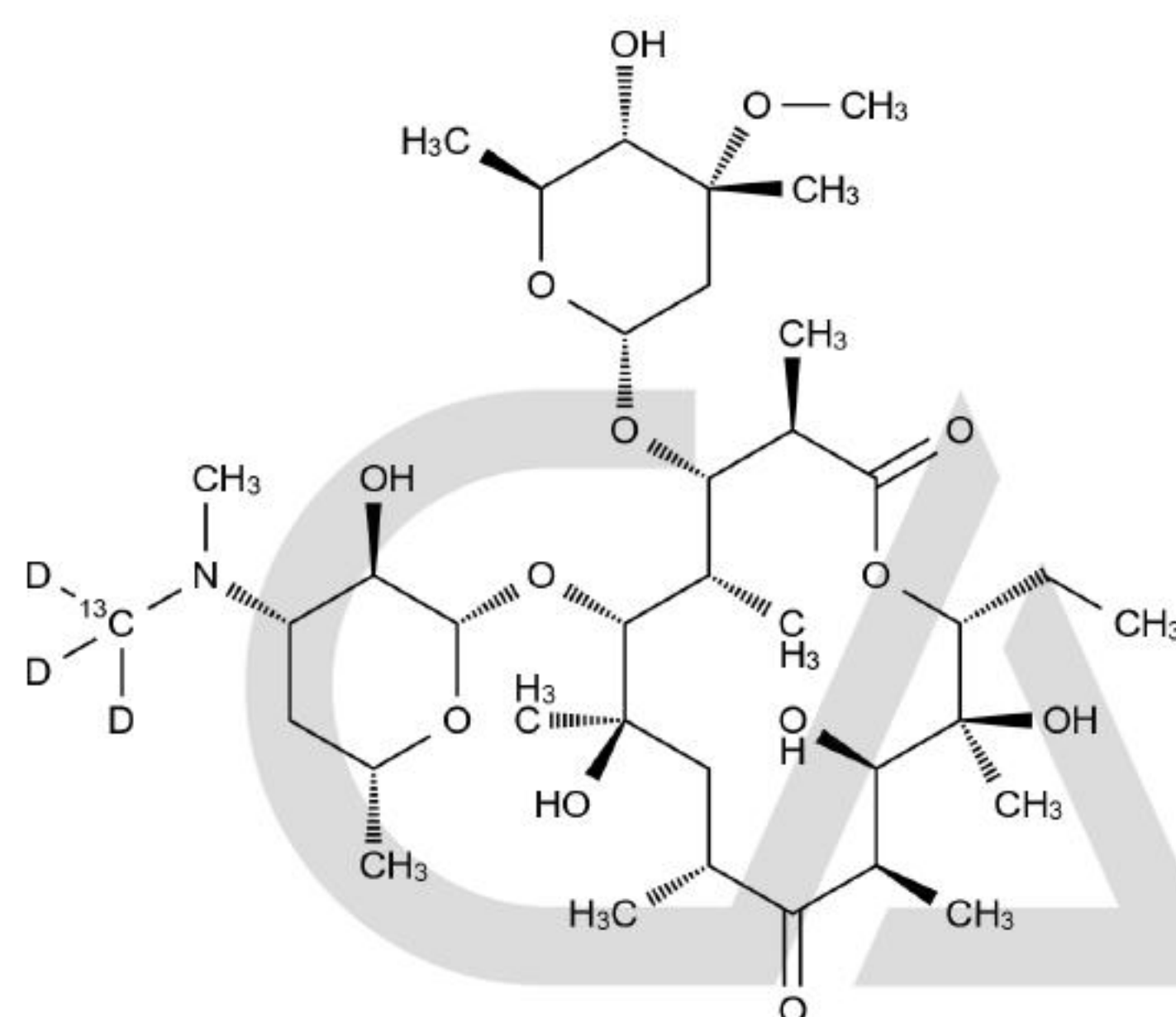
Reference Material & Standard

Product Name:	Erythromycin-13C,d3	Catalogue Number:	CCAD300702
Synonyms:	N/A	Lot Number:	0818-RC-0048
CAS Number:	2378755-50-9	Expiry Date:	Dec 31, 2025
Molecular Formula:	C ₃₆ [13C]H ₆₄ D ₃ NO ₁₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	737.94	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.2%
Isotopic Purity		98.31%
Uncertainty		±2.0%

Comment:

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:

Hinlam

Approved by General Manager:

David

Date: Nov 27, 2024

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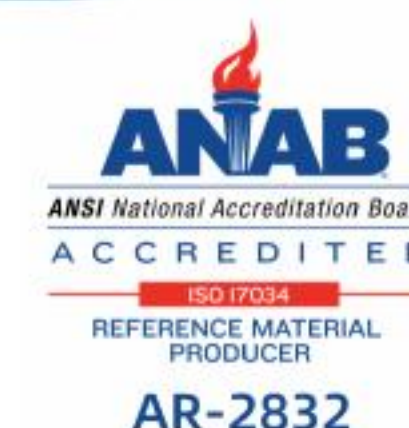
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