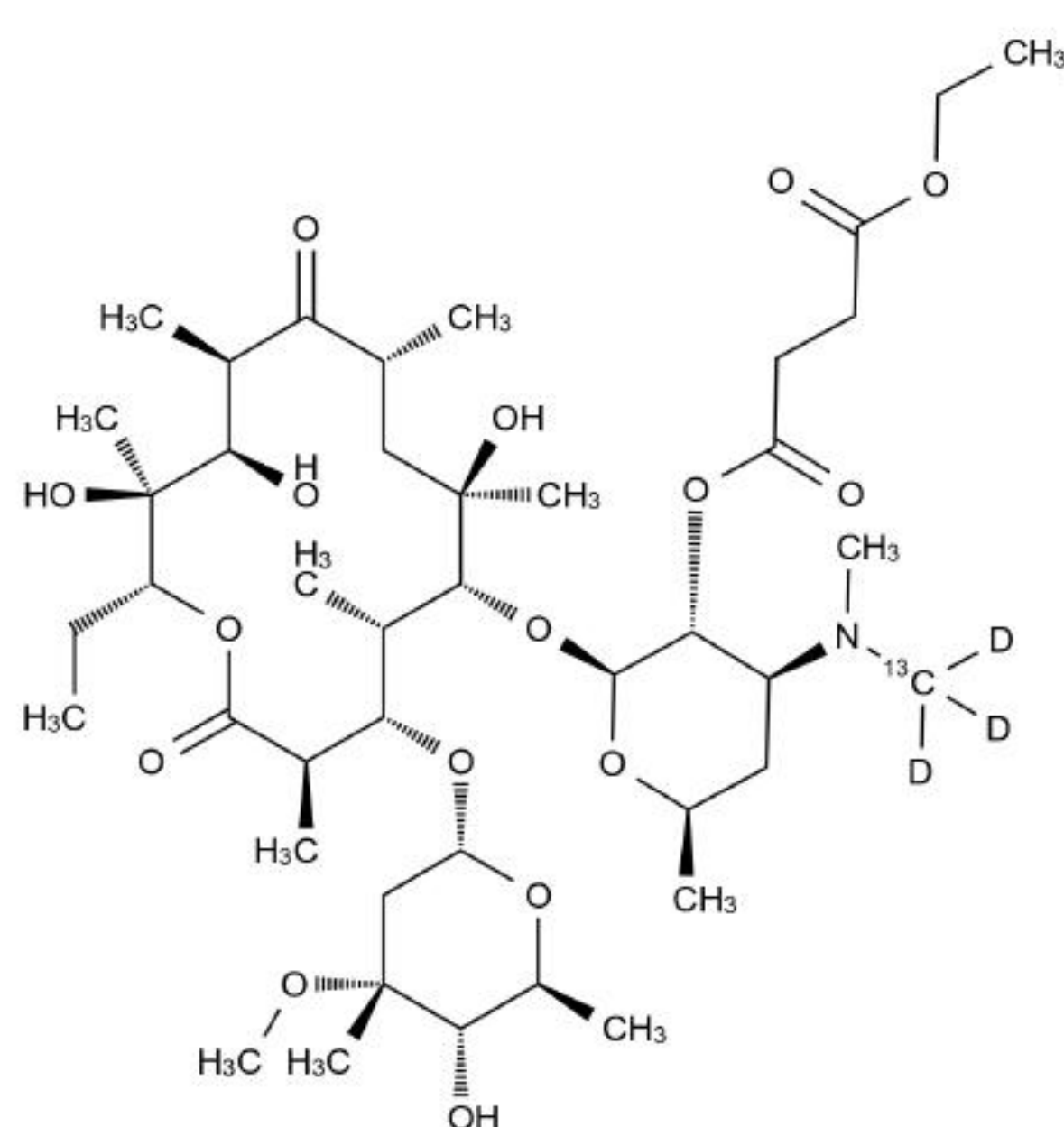


Certificate of Analysis

Reference Material & Standard

Product Name:	Erythromycin Ethylsuccinate-13C-d3	Catalogue Number:	C4X-100147
Synonyms:	N/A	Lot Number:	1027-RE-0002
CAS Number:	1264-62-6 (non-labelled)	Expiry Date:	Oct 17, 2026
Molecular Formula:	C42[13C]H72D3NO16	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	866.06		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	ELSD	100.0000%
Isotopic Purity		99.0%
Water Content	Karl Fischer	3.20%
Residual Solvents	NMR	Not detected in NMR
Assay		96.8%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity ELSD (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 27, 2023

Date: Oct 27, 2023

Date: Oct 27, 2023

