

Certificate of Analysis

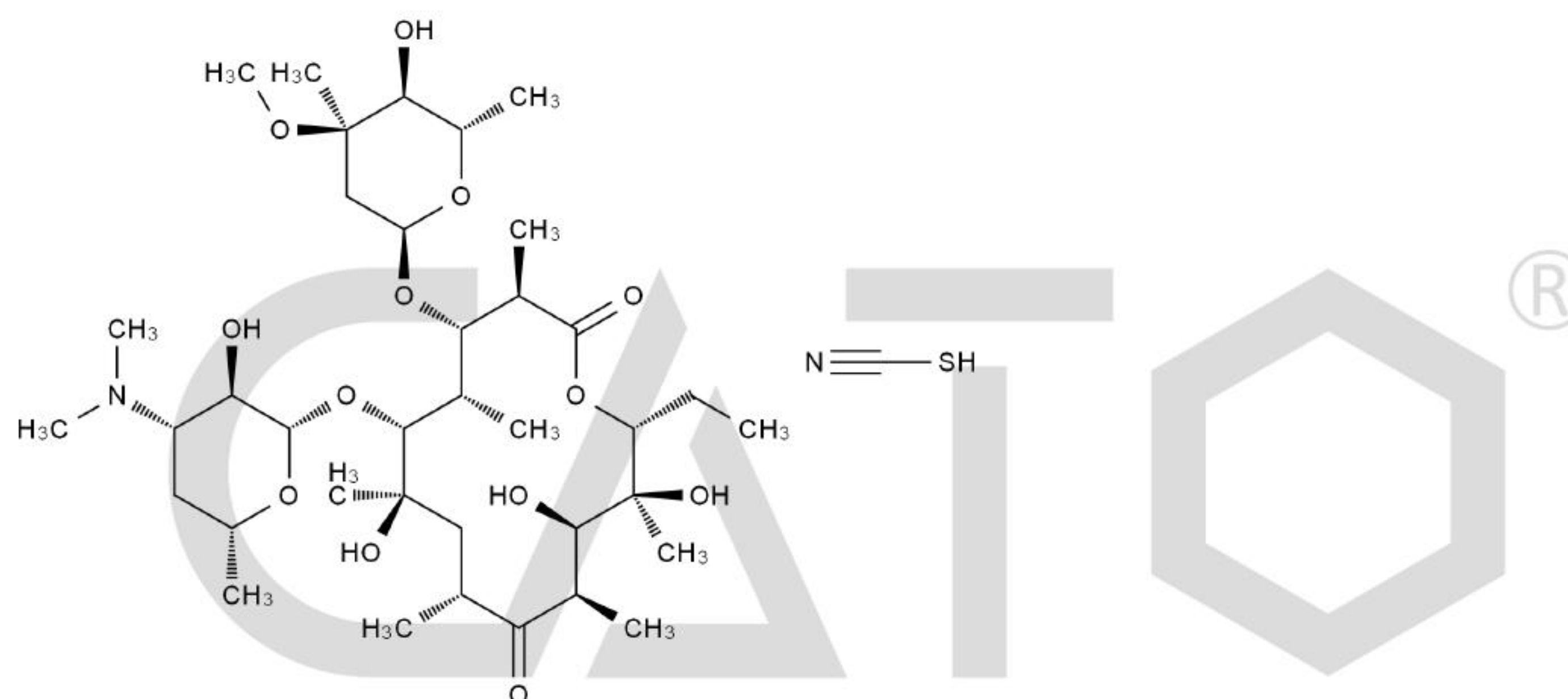
Reference Material & Standard

Product Name:	Erythromycin Thiocyanate	Catalogue Number:	CCAD301495
Synonyms:	N/A	Lot Number:	0917-RE-0002
CAS Number:	7704-67-8	Expiry Date:	Oct 22, 2027
Molecular Formula:	C ₃₇ H ₆₇ NO ₁₃ CHNS	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	733.93 59.09	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	97.4%
Assay	qNMR	73.5%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
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:

Hinlam

Approved by General Manager:

David

Date: Oct 23, 2023

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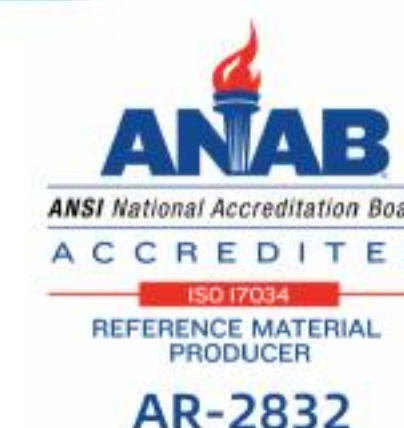
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