

Certificate of Analysis

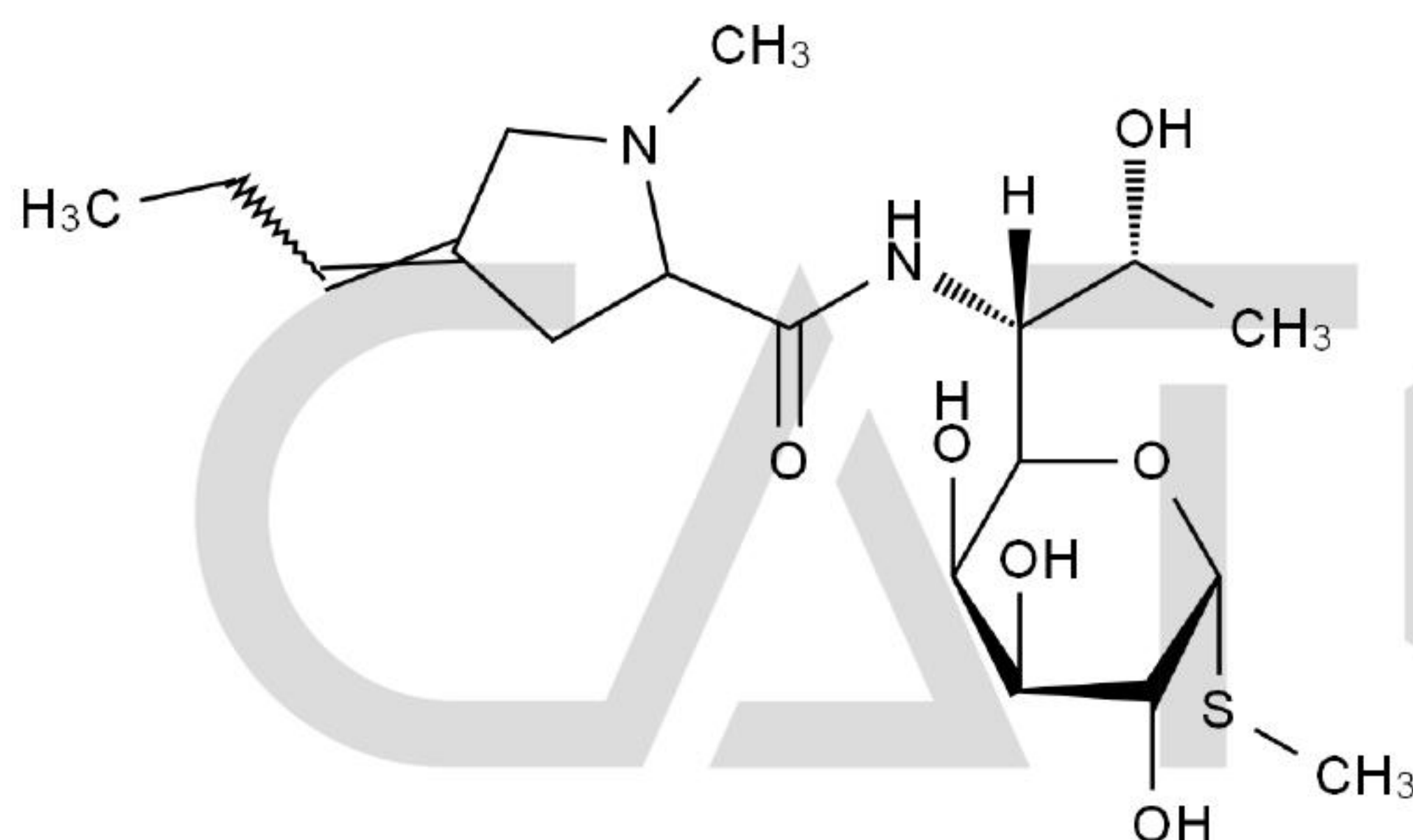
Reference Material & Standard

Product Name:	Lincomycin Hydrochloride Impurity B (Mixture of Diastereomers)	Catalogue Number:	C4X-13424
Synonyms:	N/A	Lot Number:	1007-RE-0035
CAS Number:	N/A	Expiry Date:	Mar 06, 2025
Molecular Formula:	C ₁₈ H ₃₂ N ₂ O ₆ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	404.52	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	95.8463%
Water Content	Karl Fischer	2.50%
Residual Solvents	NMR	0.6% methanol
Assay		92.9%

Comment:

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

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

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

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Oct 08, 2023

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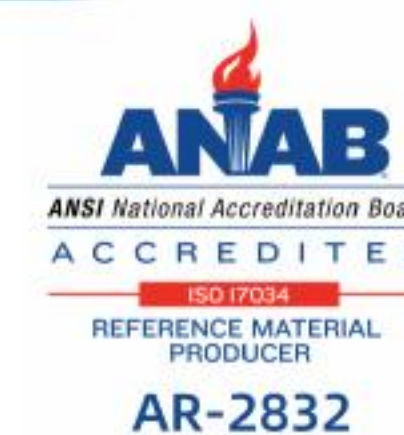
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