

Certificate of Analysis

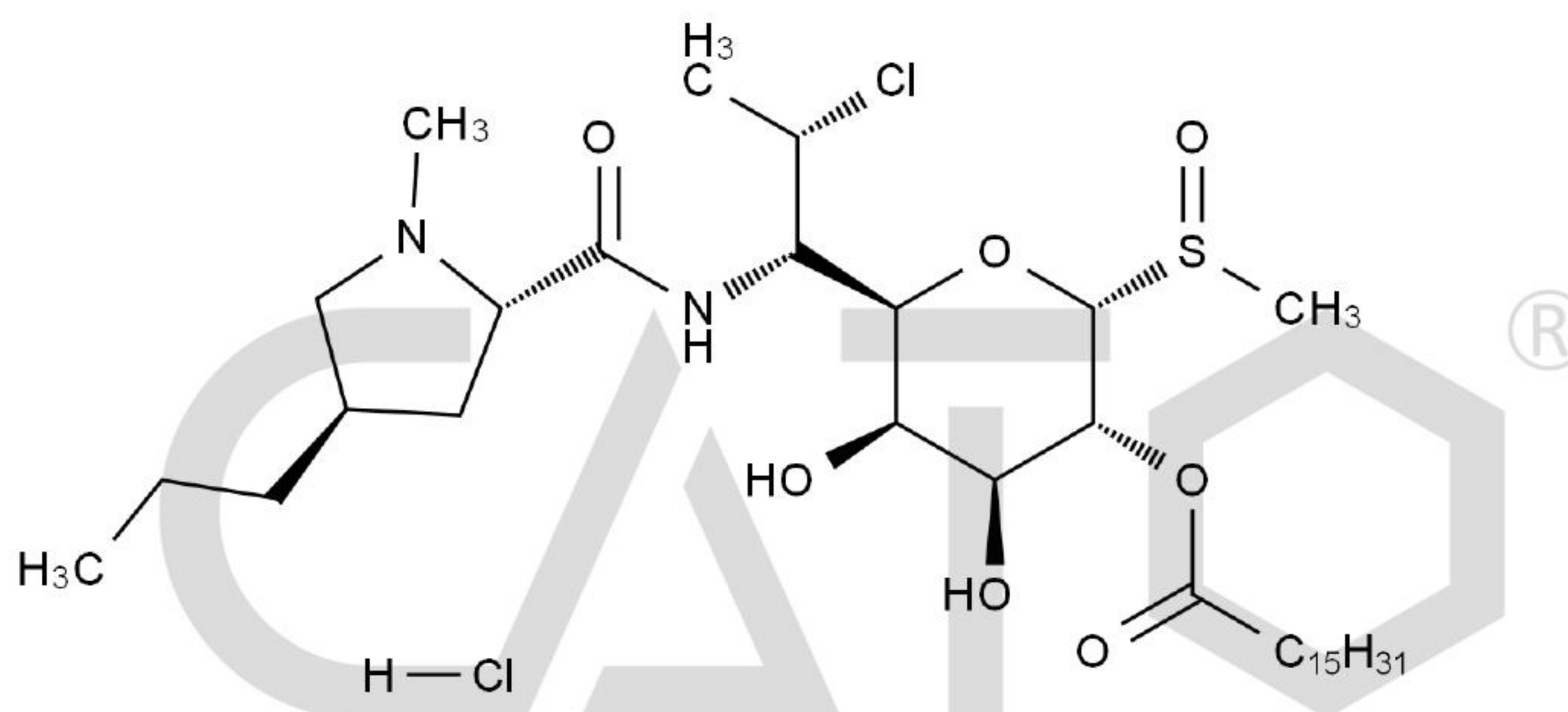
Reference Material & Standard

Product Name:	Clindamycin Palmitate Sulfoxide	Catalogue Number:	C4X-134114
Synonyms:	N/A	Lot Number:	0109-RE-0024
CAS Number:	1123211-65-3(free base)	Expiry Date:	Aug 08, 2024
Molecular Formula:	C ₃₄ H ₆₃ ClN ₂ O ₇ S HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	679.39 36.46		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	ELSD	96.6097%
Water Content	Karl Fischer	5.4%
Residual Solvents	NMR	0.1% acetonitrile
Specific Rotation		[α] _D ^{25.0} (c=0.57, CH ₃ OH): +57.1°
Assay		91.3%

Comment:

The calculation of the mass balance 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:

Nacy

Reviewed by:

Xenia

Approved by General Manager:

David

Date: Aug 09, 2021

Date: Jan 13, 2023

Date: Jan 13, 2023

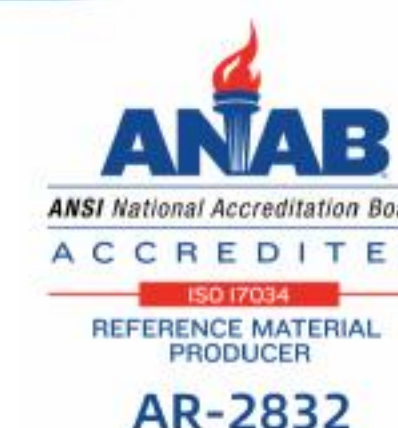
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