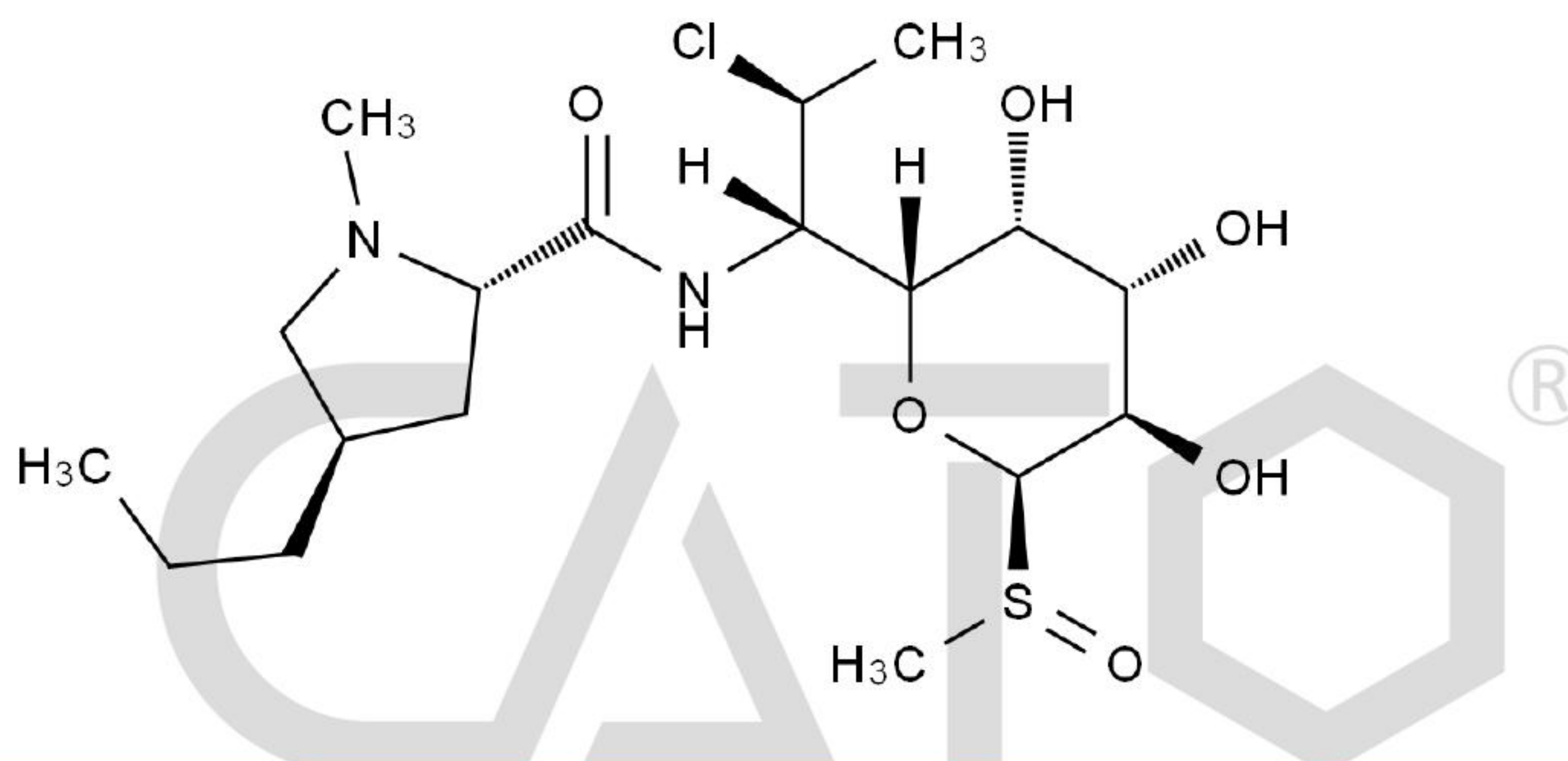


Certificate of Analysis

Reference Material & Standard

Product Name:	Clindamycin Phosphas Impurity 44	Catalogue Number:	C4X-134144
Synonyms:	N/A	Lot Number:	0626-RG-0041
CAS Number:	22431-46-5	Expiry Date:	Jun 25, 2028
Molecular Formula:	C ₁₈ H ₃₃ ClN ₂ O ₆ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	440.98	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	97.472%
Residue on Ignition	TGA	3.6456%
Loss On Drying	TGA	2.5590%
Assay		91.4%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 13, 2026

Date: Mar 13, 2026

Date: Mar 13, 2026



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