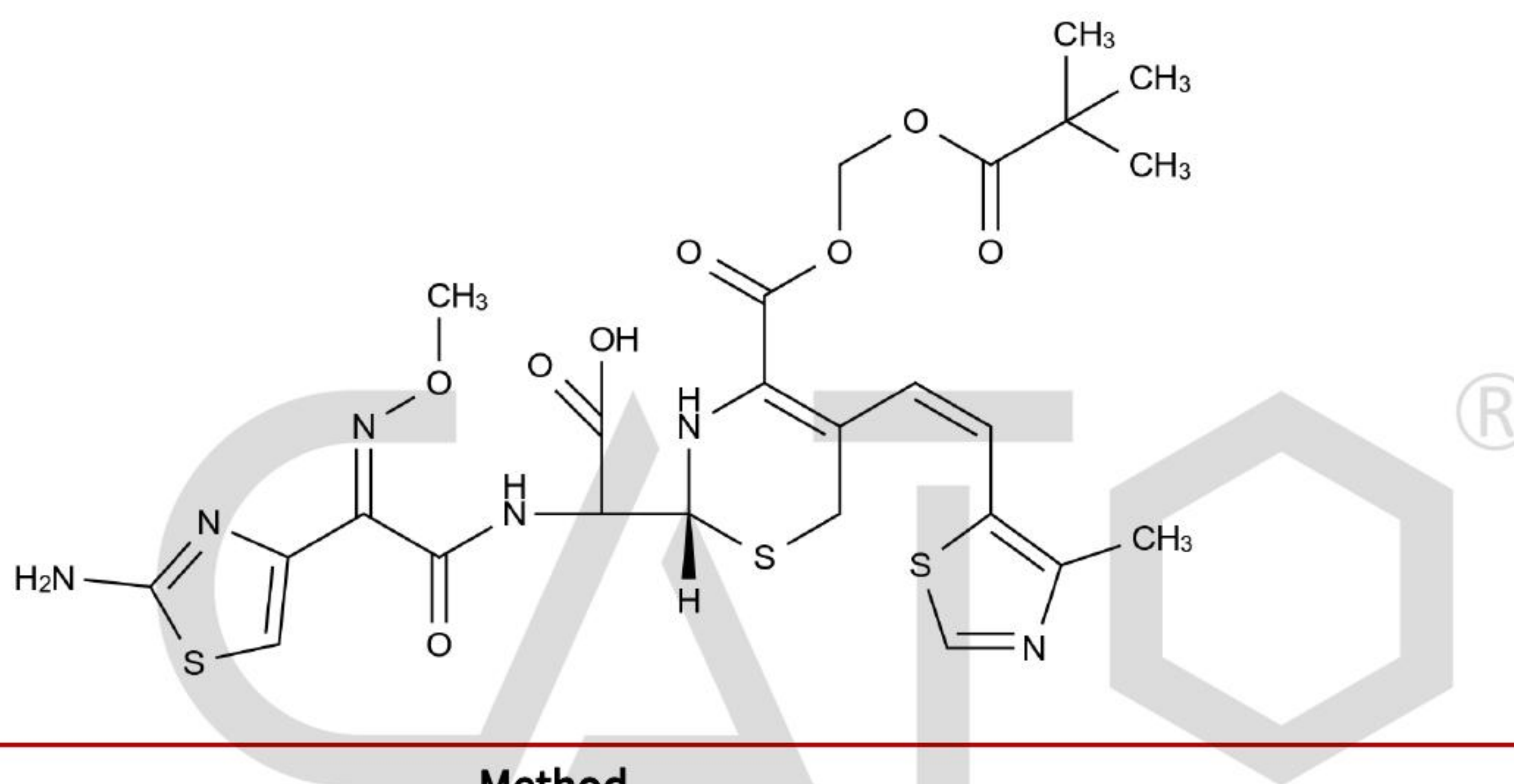


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefditoren pivoxil ring opener	Catalogue Number:	C4X-135823
Synonyms:	N/A	Lot Number:	0126-RG-0015
CAS Number:	N/A	Expiry Date:	Jan 25, 2028
Molecular Formula:	C ₂₅ H ₃₀ N ₆ O ₈ S ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	638.74		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.20%
Residue on Ignition	TGA	3.6857%
Loss On Drying	TGA	1.2303%
Assay		90.5%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Feb 11, 2025

Date: Feb 11, 2025

Date: Feb 11, 2025

