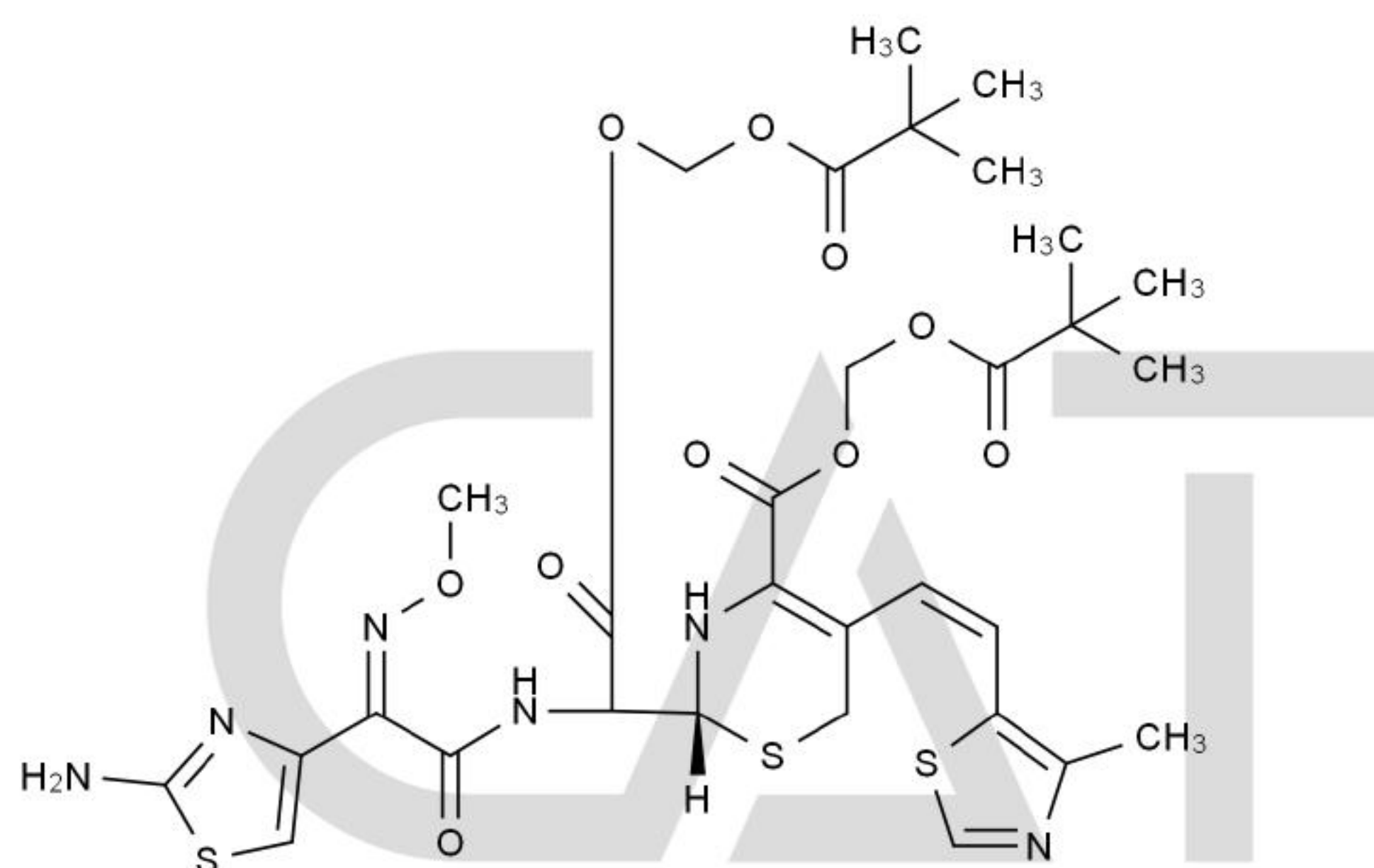


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefditoren pivoxil impurity P17 (Mixture of Diastereomers)	Catalogue Number:	C4X-135819
Synonyms:	N/A	Lot Number:	0115-RG-0039
CAS Number:	N/A	Expiry Date:	Jan 12, 2028
Molecular Formula:	C ₃₁ H ₄₀ N ₆ O ₁₀ S ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	752.88		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.935%
Residue on Ignition	TGA	0.4468%
Loss on Drying	TGA	0.6085%
Assay		95.9%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 23, 2025

Date: Jan 23, 2025

Date: Jan 23, 2025



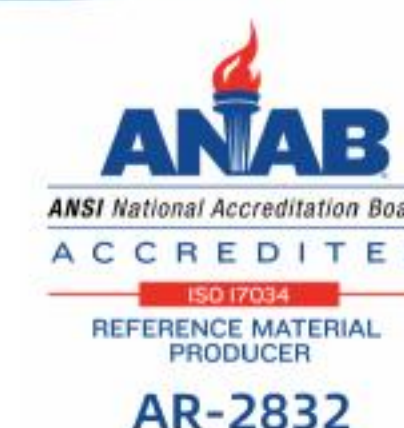
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Page 1 of 7



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