

Certificate of Analysis

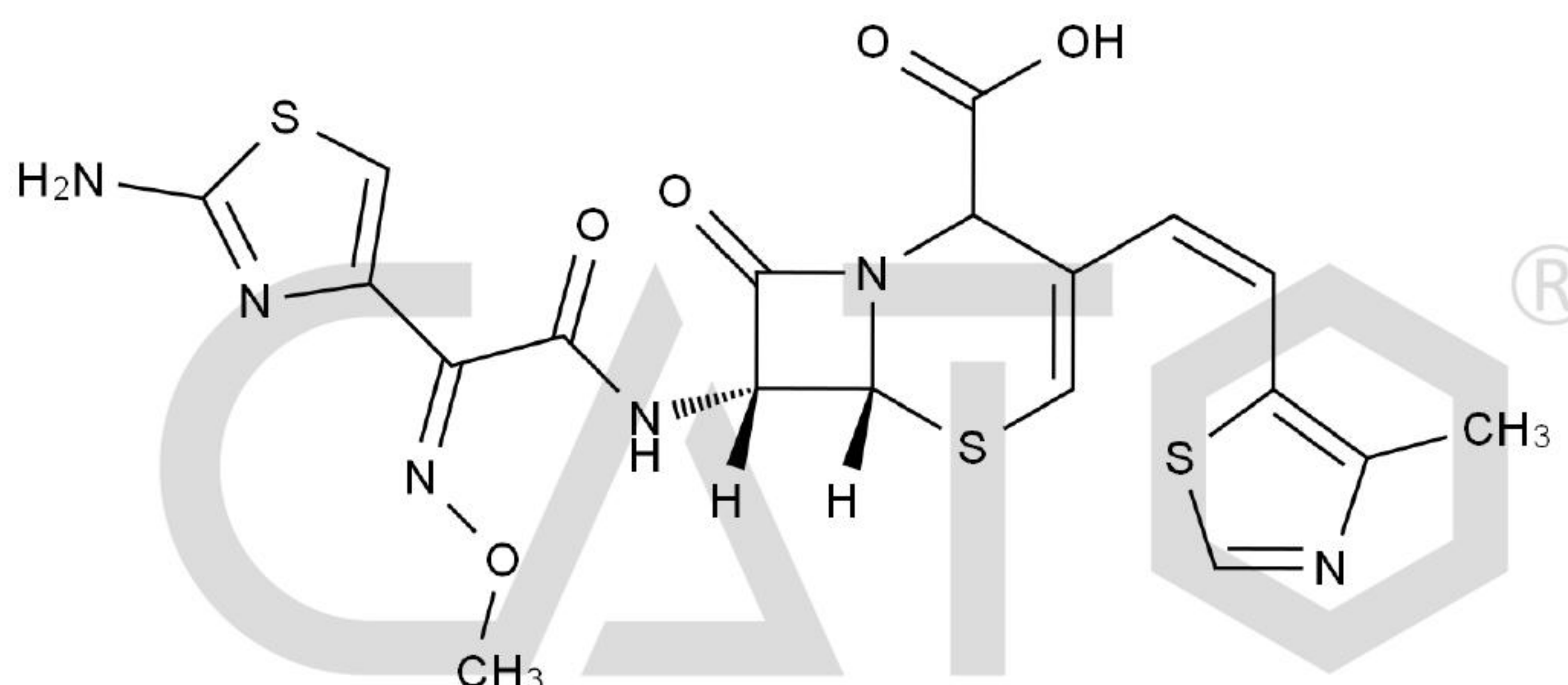
Reference Material & Standard

Product Name:	Cefditoren Impurity 3	Catalogue Number:	C4X-13583
Synonyms:	N/A	Lot Number:	0521-RH-0087
CAS Number:	145904-68-3	Expiry Date:	May 18, 2030
Molecular Formula:	C ₁₉ H ₁₈ N ₆ O ₅ S ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	506.58	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.540%
Residue on Ignition	TGA	1.5563%
Loss on Drying	TGA	4.0784%
Assay		90.2%

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: May 26, 2026

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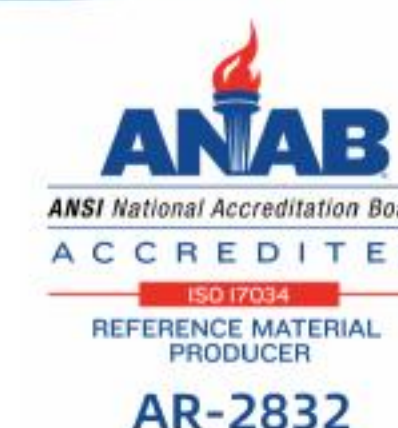
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