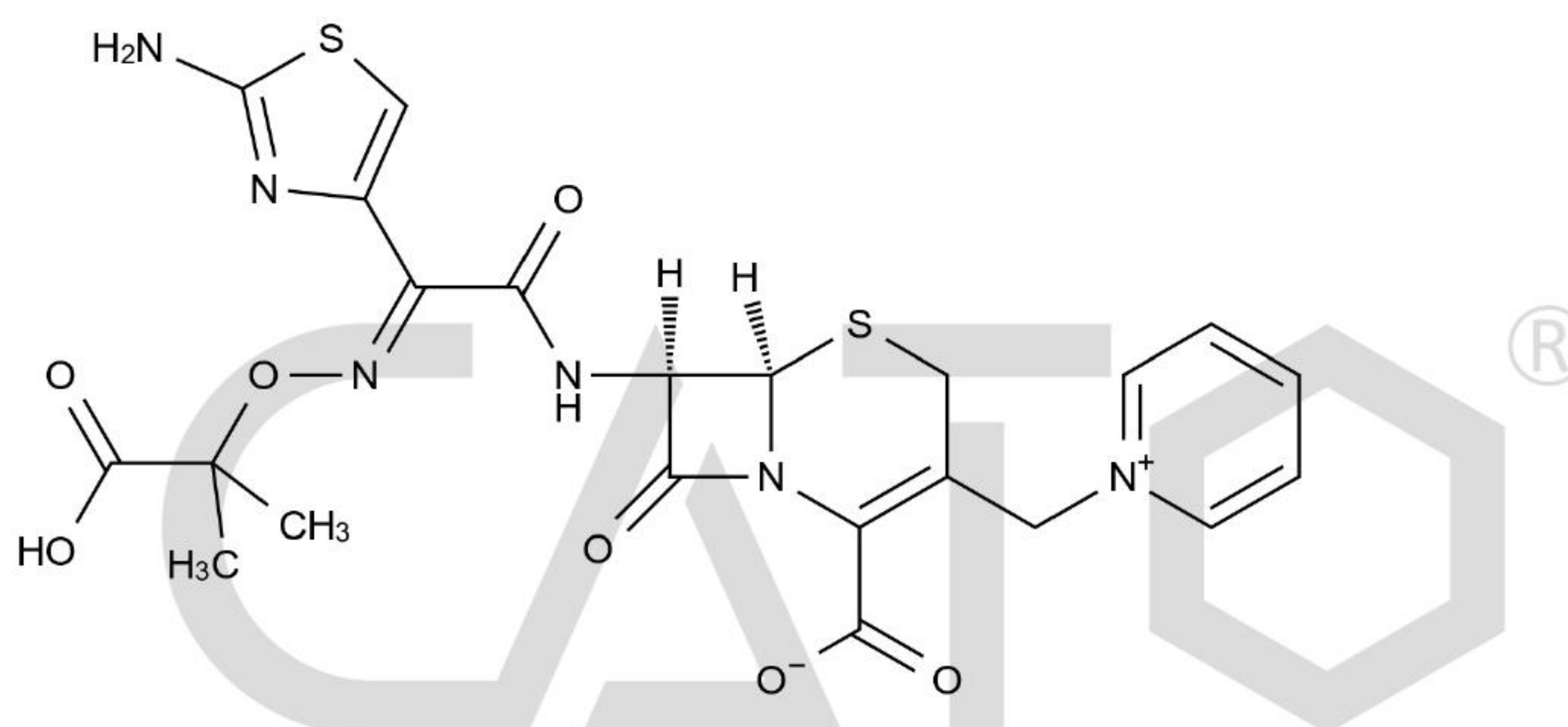


Certificate of Analysis

Reference Material & Standard

Product Name:	Ceftazidime EP Impurity B	Catalogue Number:	C4X-12122
Synonyms:	N/A	Lot Number:	0729-RH-0001
CAS Number:	97148-38-4	Expiry Date:	Jul 27, 2030
Molecular Formula:	C ₂₂ H ₂₂ N ₆ O ₇ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	546.58	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.85%
Residue on Ignition	TGA	0.8199%
Loss on Drying	TGA	5.8068%
Assay		90.4%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 30, 2026

Date: Jul 30, 2026

Date: Jul 30, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

