

Certificate of Analysis

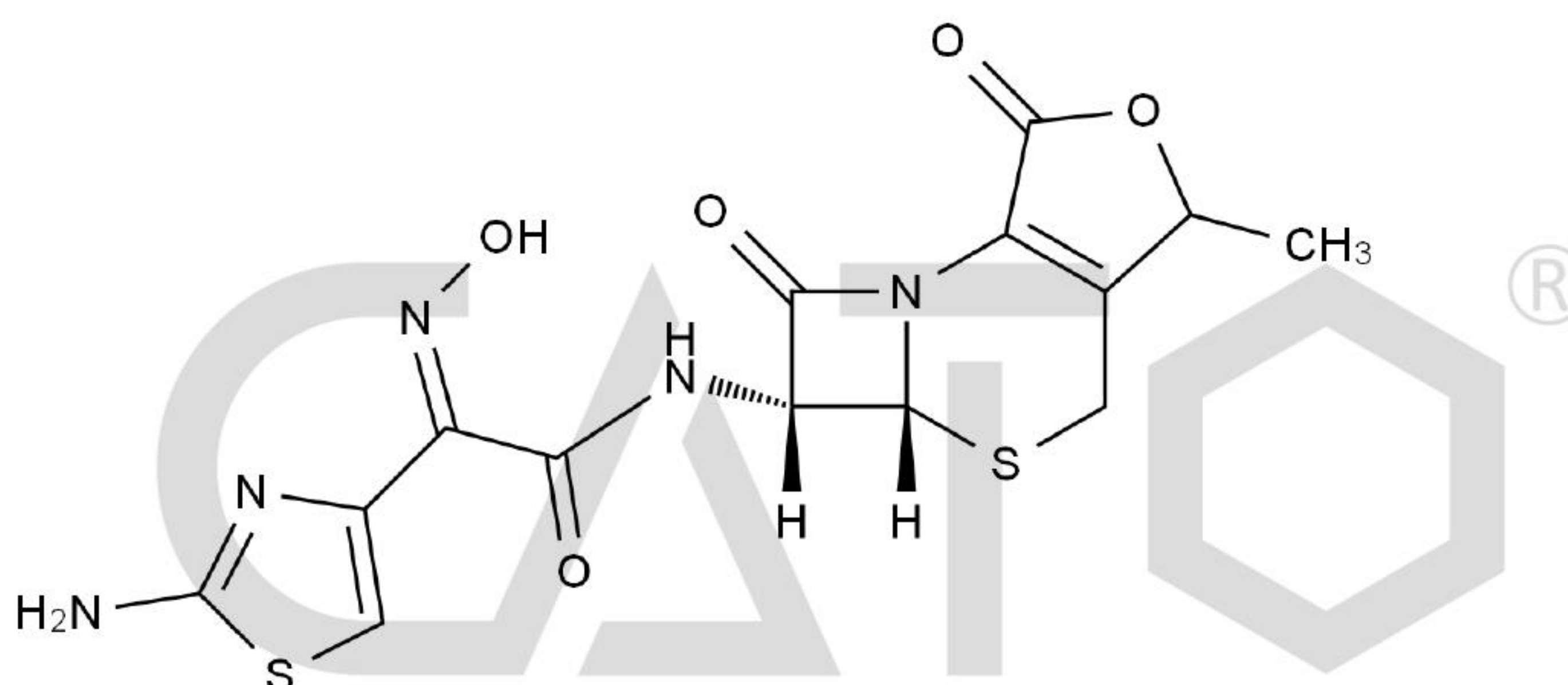
Reference Material & Standard

Product Name:	Cefdinir CP Impurity M	Catalogue Number:	C4X-121021
Synonyms:	Cefdinir lactone	Lot Number:	0326-RH-0006
CAS Number:	946573-41-7	Expiry Date:	Mar 30, 2030
Molecular Formula:	C ₁₄ H ₁₃ N ₅ O ₅ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	395.41	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	96.29%
Loss on Drying	TGA	1.9387%
Assay		94.4%

Comment:

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

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

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Approved by General Manager:

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Date: Mar 31, 2026

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