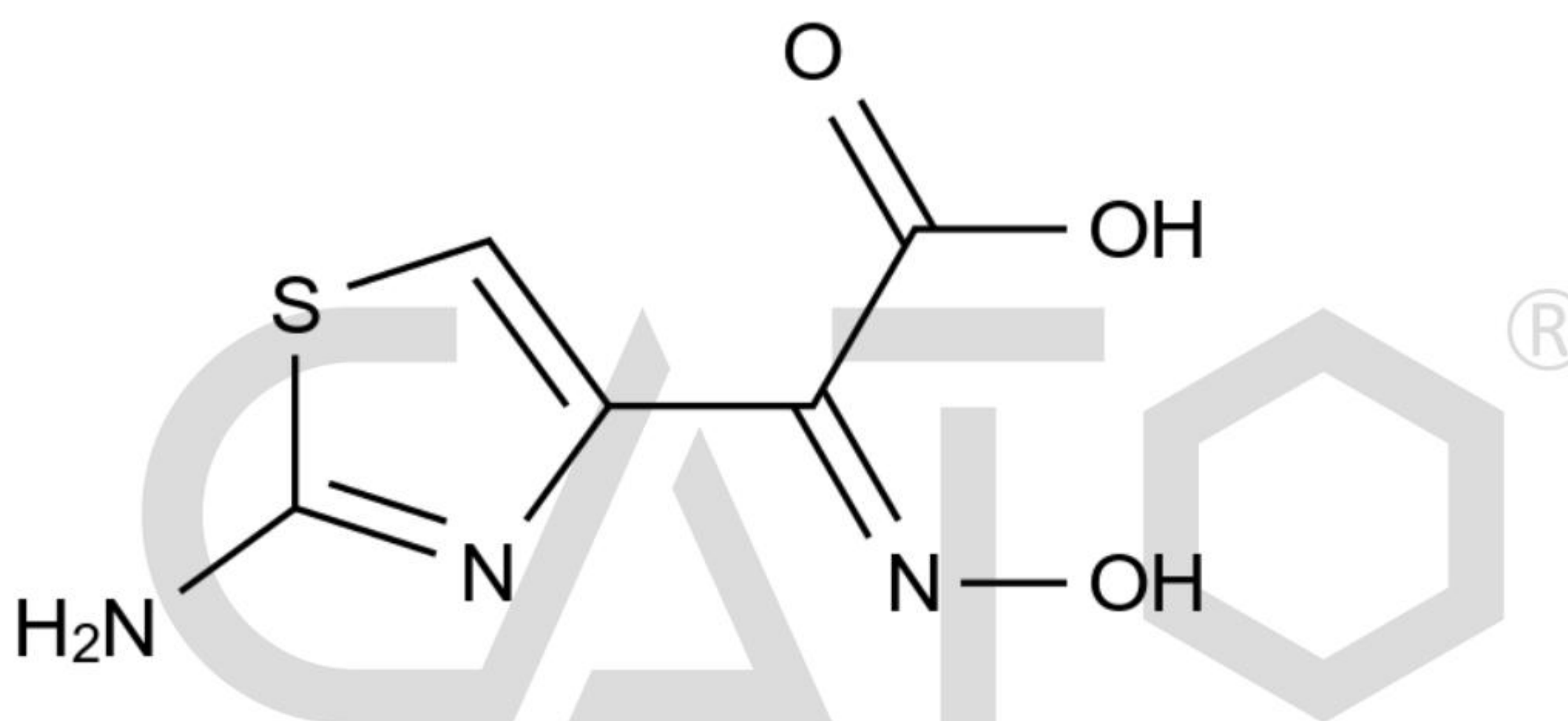


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefdinir Impurity 52	Catalogue Number:	C4X-121052
Synonyms:	N/A	Lot Number:	0129-RF-0042
CAS Number:	66338-96-3	Expiry Date:	Sep 16, 2027
Molecular Formula:	C ₅ H ₅ N ₃ O ₃ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	187.18		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.273%
Loss On Drying	TGA	0.5769%
Assay		98.7%

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:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 17, 2025

Date: Sep 18, 2025

Date: Sep 18, 2025



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