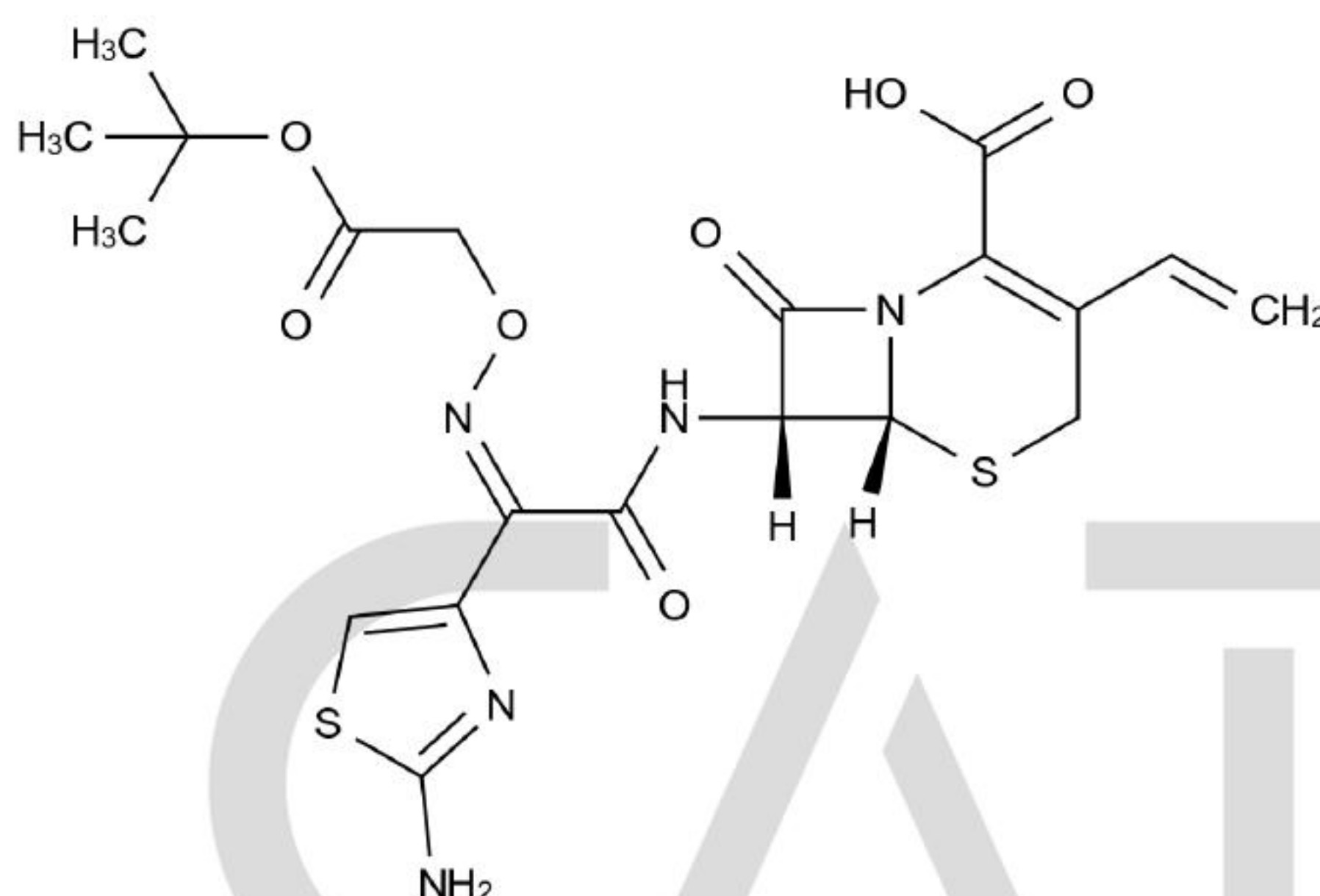


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefixime Impurity 24	Catalogue Number:	C4X-113924
Synonyms:	N/A	Lot Number:	0607-RF-0073
CAS Number:	79368-92-6	Expiry Date:	Jun 06, 2027
Molecular Formula:	C ₂₀ H ₂₃ N ₅ O ₇ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	509.56		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.647%
Residue on Ignition	TGA	6.4619%
Loss On Drying	TGA	2.0344%
Assay		90.3%

Comment:

The calculation of the 100% 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: Jun 20, 2024

Date: Jun 21, 2024

Date: Jun 21, 2024

