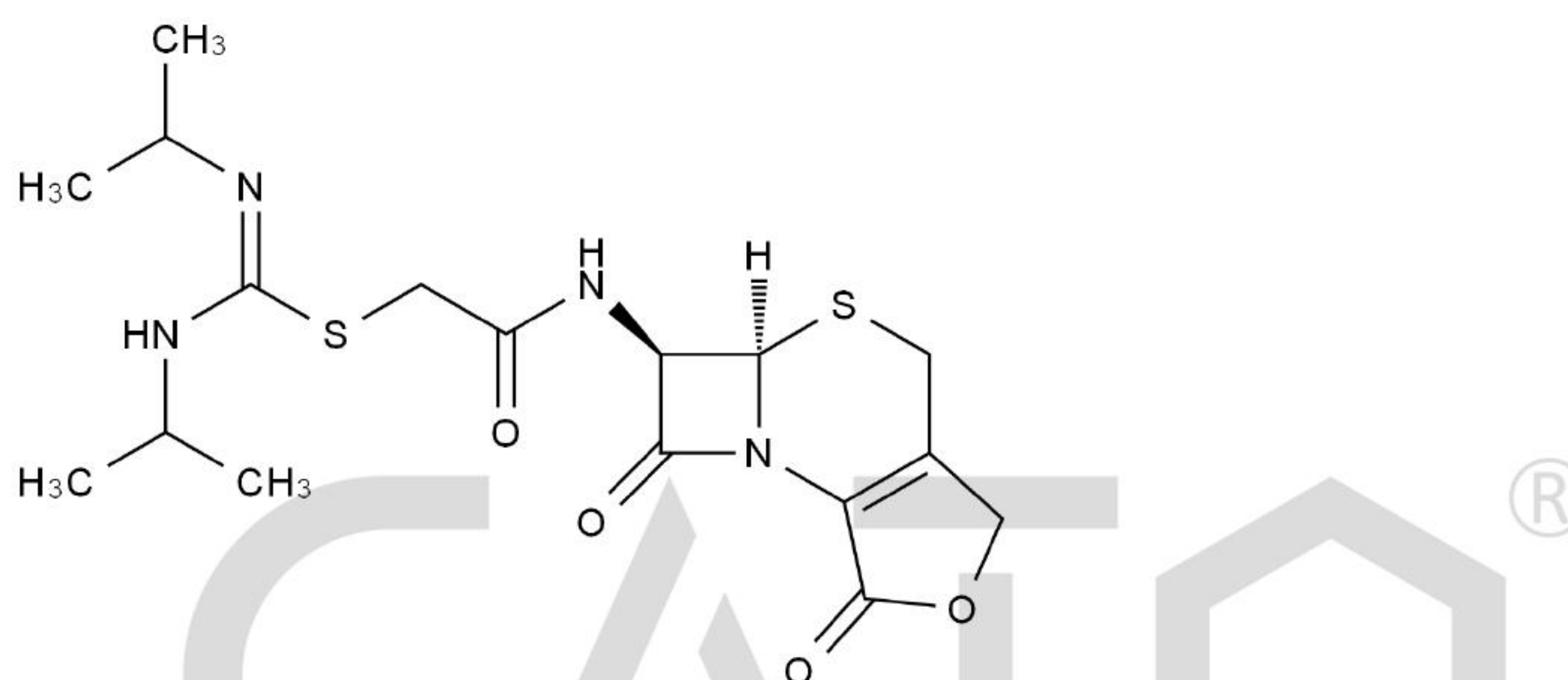


Certificate of Analysis

Reference Material

Product Name:	Cefathiamidine Impurity 11	Catalogue Number:	C4X-133711
Chemical Name:	N/A	Lot Number:	0606-RE-0022
CAS Number:	N/A	Expiry Date:	Jun 04, 2026
Molecular Formula:	C ₁₇ H ₂₄ N ₄ O ₄ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	412.53		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.86%
Loss On Drying	TGA	0.8994%
Assay		96.0%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Jun 05, 2023

Date: Jun 28, 2023

Date: Jun 28, 2023

