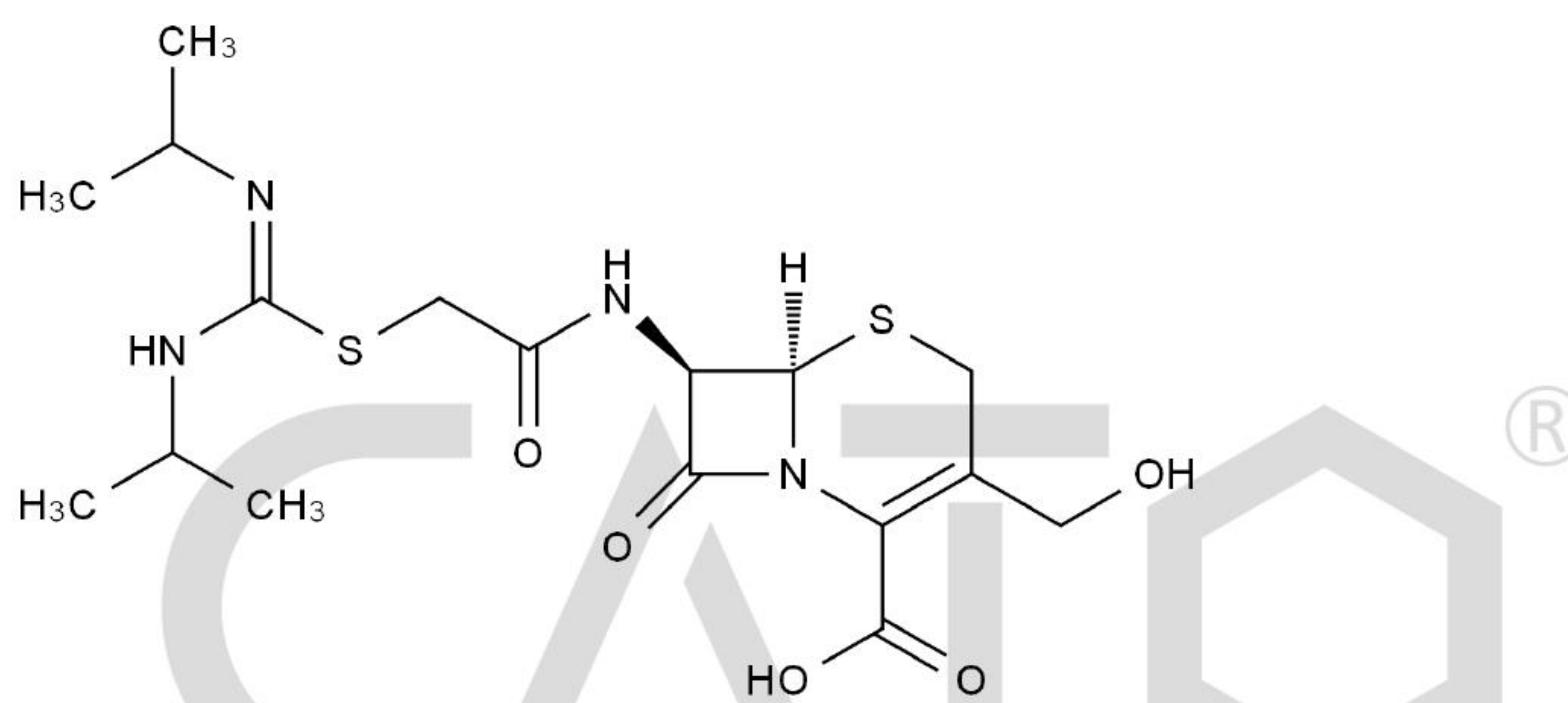


Certificate of Analysis

Reference Material & Standard

Product Name:	Desacetyl Cefathiamidine	Catalogue Number:	C4X-13371
Synonyms:	N/A	Lot Number:	0702-RG-0053
CAS Number:	958001-61-1	Expiry Date:	Jul 03, 2028
Molecular Formula:	C ₁₇ H ₂₆ N ₄ O ₅ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	430.54		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	97.88%
Residue on Ignition	TGA	2.0633%
Loss On Drying	TGA	4.0365%
Assay		91.9%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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 04, 2025

Date: Jul 04, 2025

Date: Jul 04, 2025

