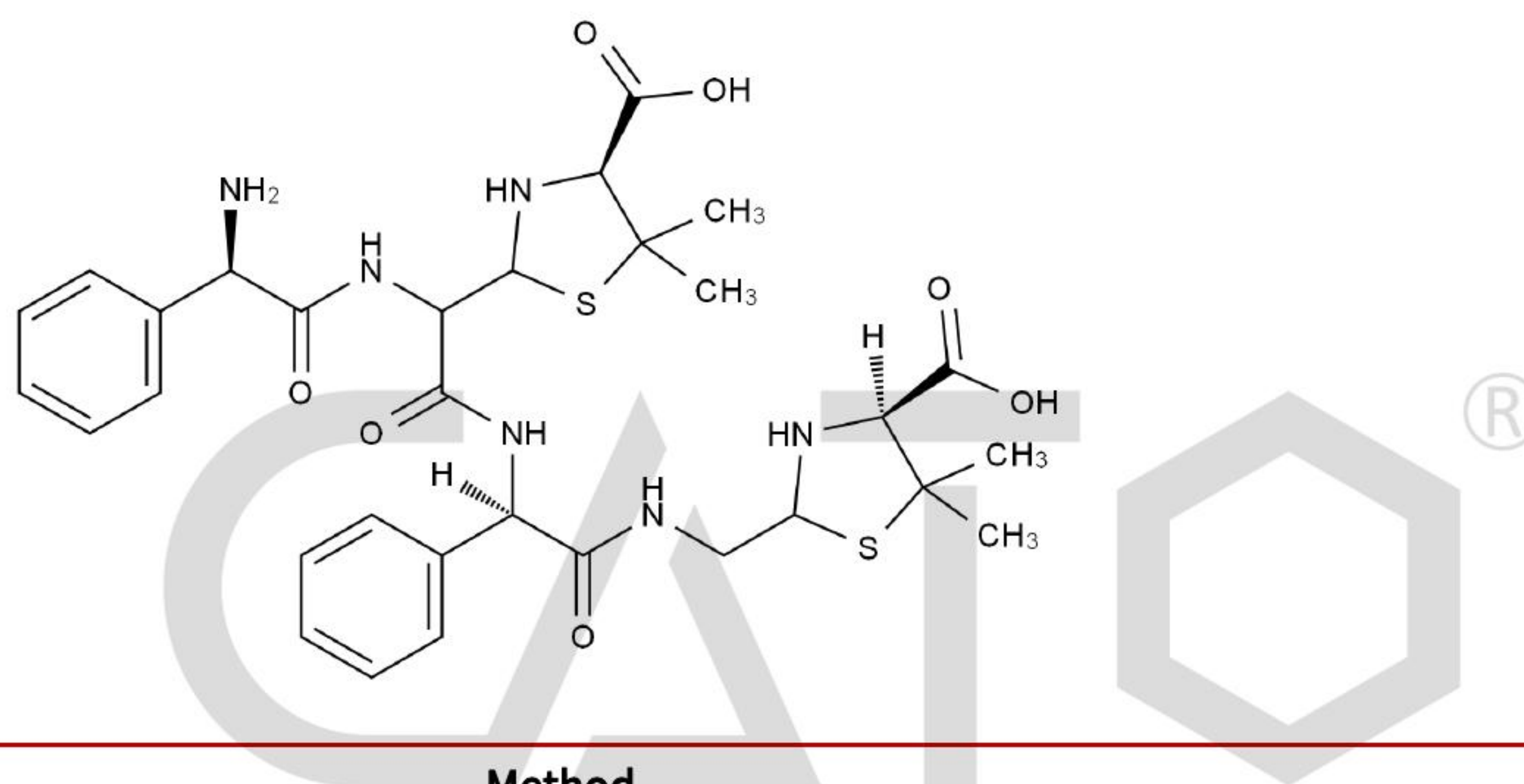


Certificate of Analysis

Reference Material & Standard

Product Name:	Ampicillin Impurity 59	Catalogue Number:	C4X-144359
Synonyms:	N/A	Lot Number:	0416-RG-0046
CAS Number:	N/A	Expiry Date:	Apr 16, 2028
Molecular Formula:	C ₃₁ H ₄₀ N ₆ O ₇ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	672.82		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	97.8%
Assay	qNMR	93.4%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 22, 2025

Date: Apr 22, 2025

Date: Apr 22, 2025

