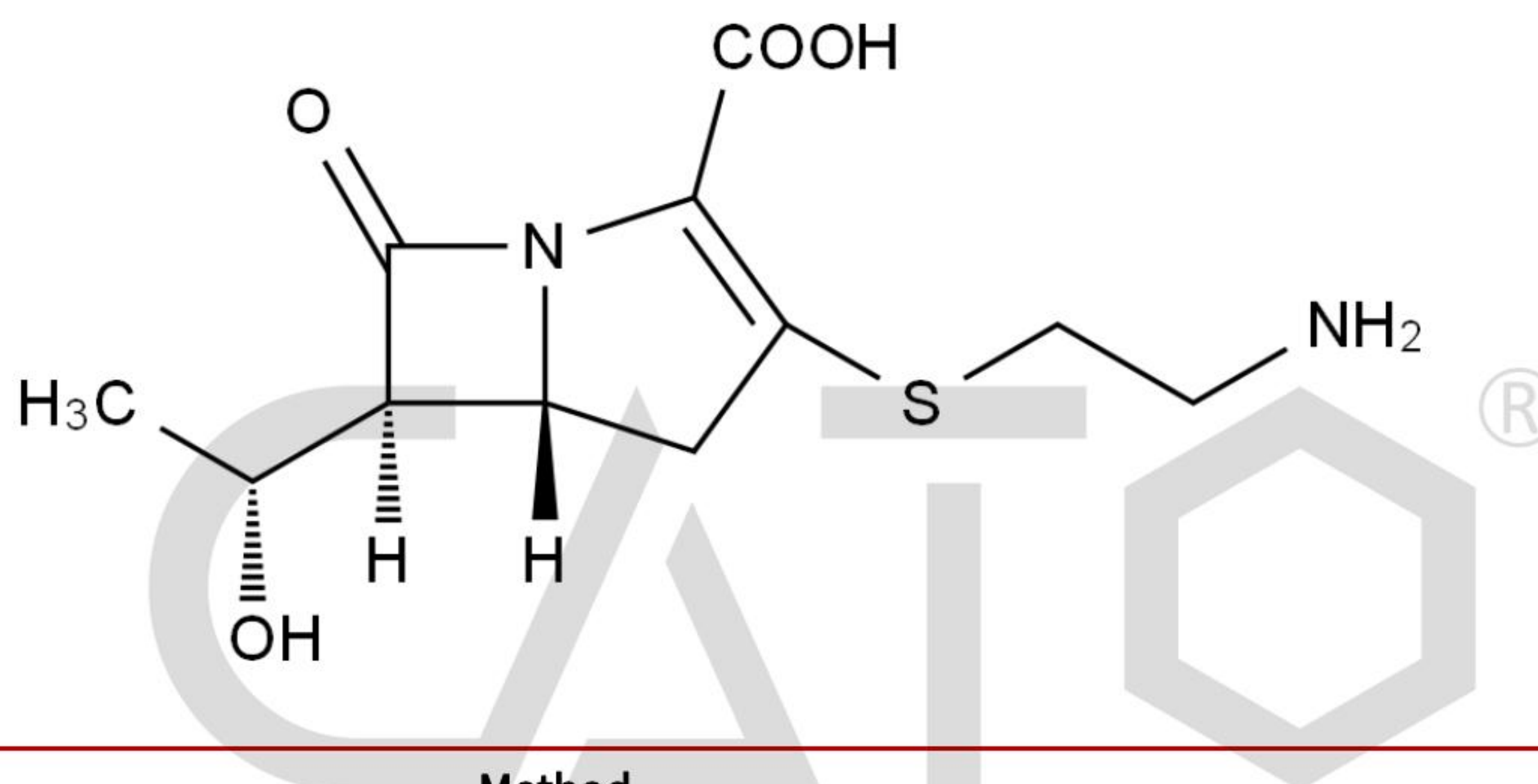


Certificate of Analysis

Reference Material & Standard

Product Name:	Imipenem EP Impurity A	Catalogue Number:	C4X-16621
Synonyms:	N/A	Lot Number:	1118-RF-0036
CAS Number:	59995-64-1	Expiry Date:	Dec 31, 2026
Molecular Formula:	C ₁₁ H ₁₆ N ₂ O ₄ S	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	272.32		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	80.1%
Assay	qNMR	76.3%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Nov 20, 2024

Date: Nov 20, 2024

Date: Nov 20, 2024

