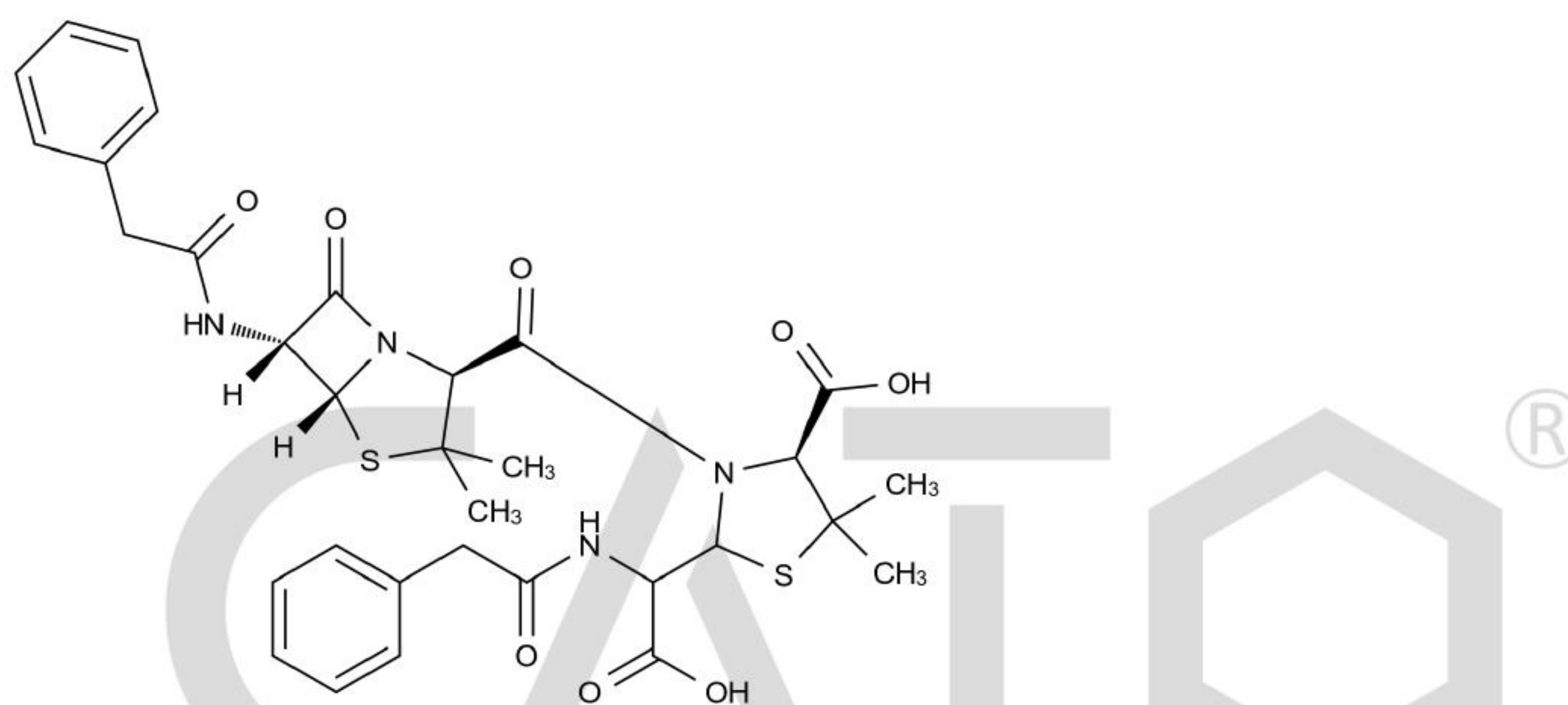


Certificate of Analysis

Reference Material & Standard

Product Name:	Ampicillin Dimer Impurity 63	Catalogue Number:	C4X-144363
Synonyms:	Benzathine Impurity	Lot Number:	0329-RF-0027
CAS Number:	N/A	Expiry Date:	Jul 02, 2025
Molecular Formula:	C ₃₂ H ₃₆ N ₄ O ₈ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	668.78		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	94.5%
Assay	qNMR	91.2%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aporoved by General Manager:

David

Date: Mar 29, 2024

Date: Mar 29, 2024

Date: Mar 29, 2024

