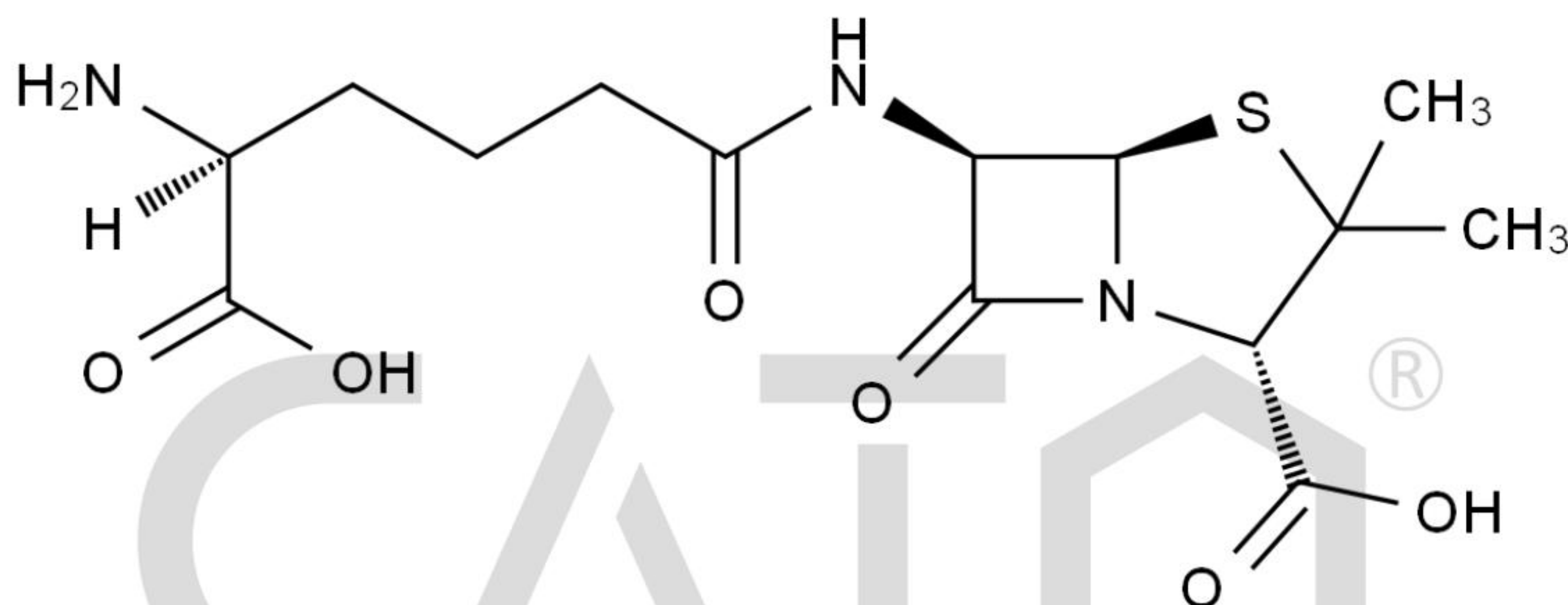


Certificate of Analysis

Reference Material & Standard

Product Name:	Benzylpenicillin Impurity 29	Catalogue Number:	C4X-189929
Synonyms:	N/A	Lot Number:	0612-RG-0010
CAS Number:	58678-43-6	Expiry Date:	Jun 08, 2028
Molecular Formula:	C ₁₄ H ₂₁ N ₃ O ₆ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	359.40		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	90.7%
Assay	qNMR	88.5%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jun 12, 2025

Date: Jun 12, 2025

Date: Jun 12, 2025

