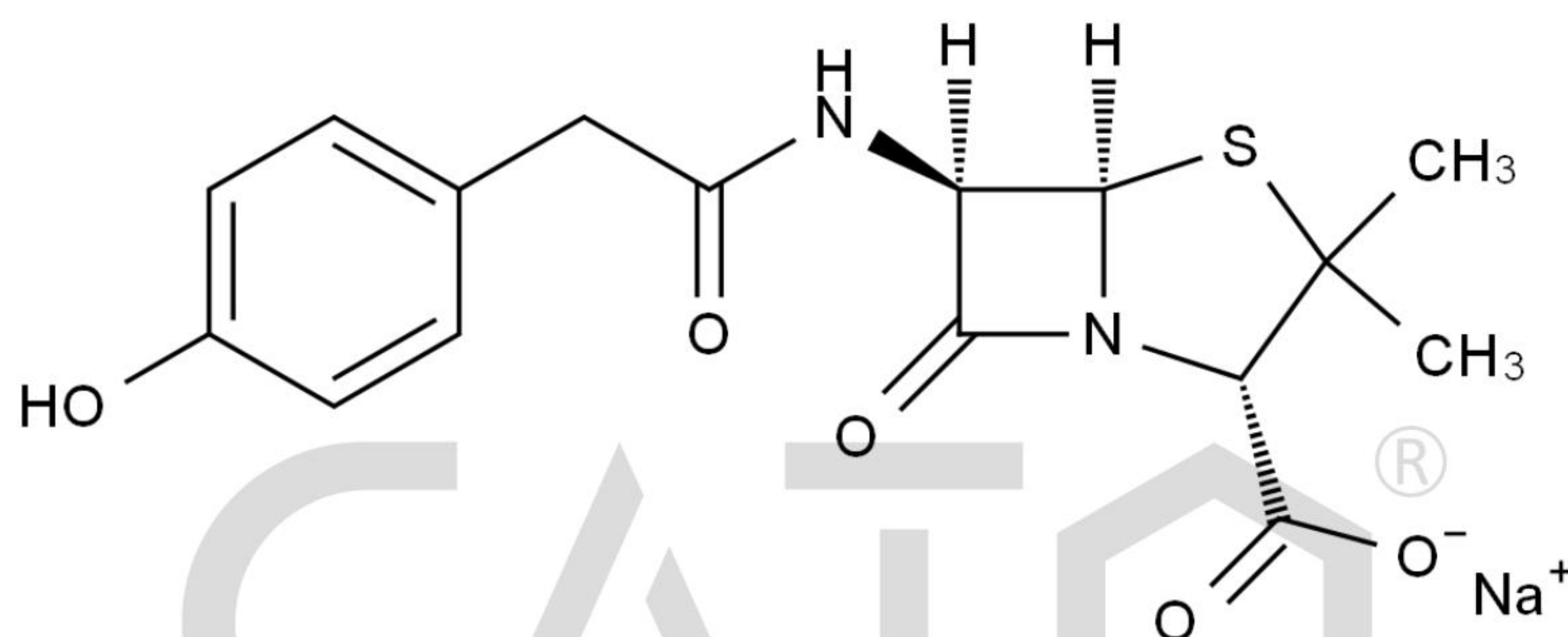


Certificate of Analysis

Reference Material

Product Name:	Benzylpenicillin EP Impurity C Sodium Salt	Catalogue Number:	C4X-18993
Chemical Name:	N/A	Lot Number:	0228-RE-0004
CAS Number:	5985-13-7	Expiry Date:	Feb 26, 2026
Molecular Formula:	C ₁₆ H ₁₇ N ₂ O ₅ S Na	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	349.38 22.99		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.3%
Assay	qNMR	91.0%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nacy

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Feb 27, 2023

Date: Feb 28, 2023

Date: Feb 28, 2023

