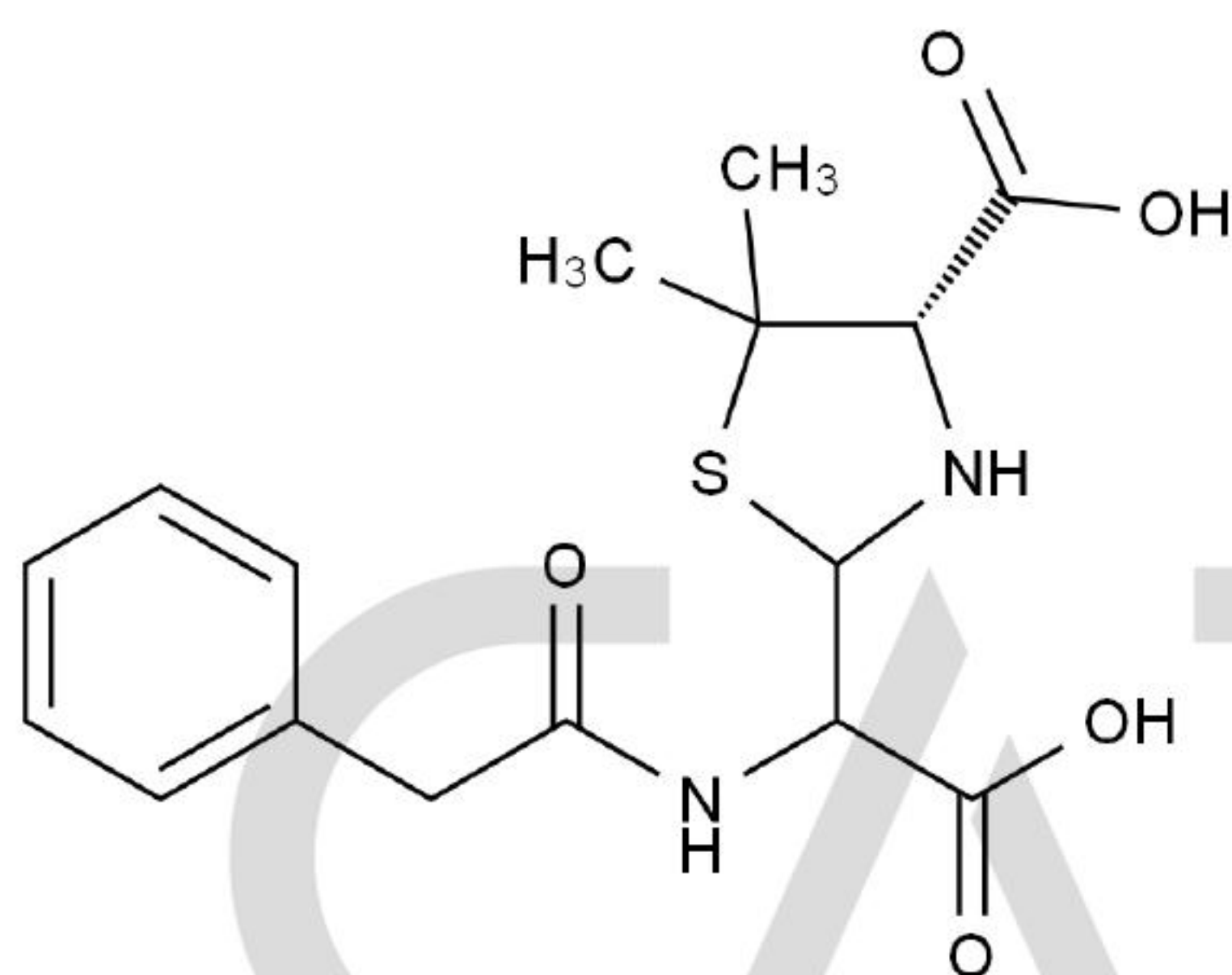


Certificate of Analysis

Reference Material & Standard

Product Name:	Benzylpenicillin EP Impurity E	Catalogue Number:	C4X-18995
Synonyms:	N/A	Lot Number:	0531-RF-0067
CAS Number:	N/A	Expiry Date:	May 30, 2027
Molecular Formula:	C ₁₆ H ₂₀ N ₂ O ₅ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	352.41		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.6%
Assay	qNMR	90.1%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 08, 2025

Date: Apr 09, 2025

Date: Apr 09, 2025

