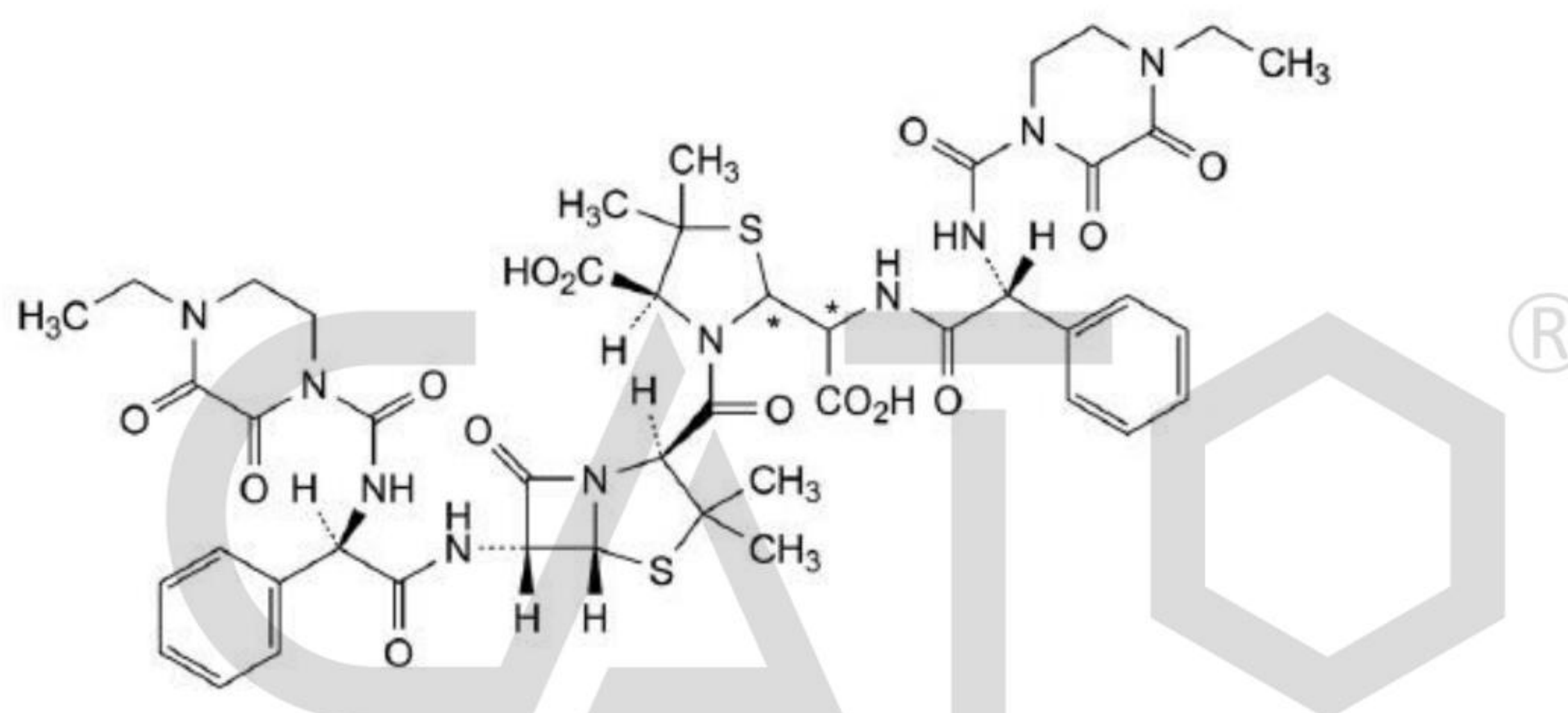


Certificate of Analysis

Reference Material & Standard

Product Name:	Piperacillin EP Impurity T	Catalogue Number:	C4X-173239
Synonyms:	Piperacillin Dimer(2RS)	Lot Number:	0428-RH-0021
CAS Number:	N/A	Expiry Date:	Apr 20, 2028
Molecular Formula:	C ₄₆ H ₅₄ N ₁₀ O ₁₄ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1035.11	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	95.1%
Assay	qNMR	92.2%

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 27, 2026

Date: May 27, 2026

Date: May 27, 2026



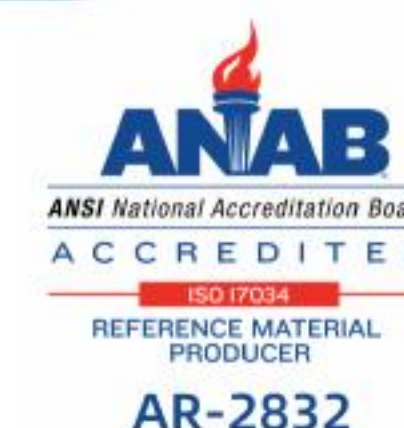
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