

Certificate of Analysis

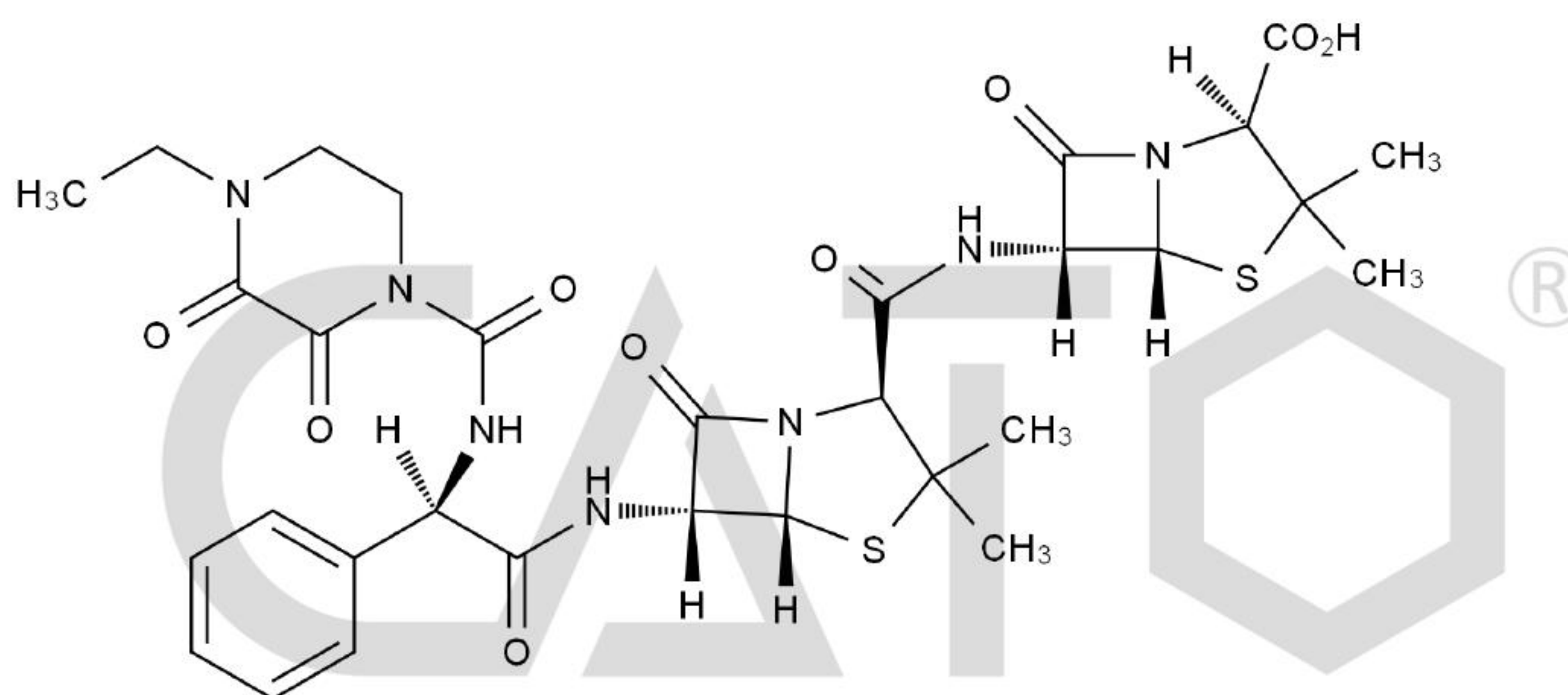
Reference Material & Standard

Product Name:	Piperacillin EP Impurity S	Catalogue Number:	C4X-173218
Synonyms:	N/A	Lot Number:	0317-RH-0047
CAS Number:	N/A	Expiry Date:	Mar 16, 2030
Molecular Formula:	C ₃₁ H ₃₇ N ₇ O ₉ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	715.80	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	90.2%
Assay	qNMR	90.1%

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Mar 17, 2026

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