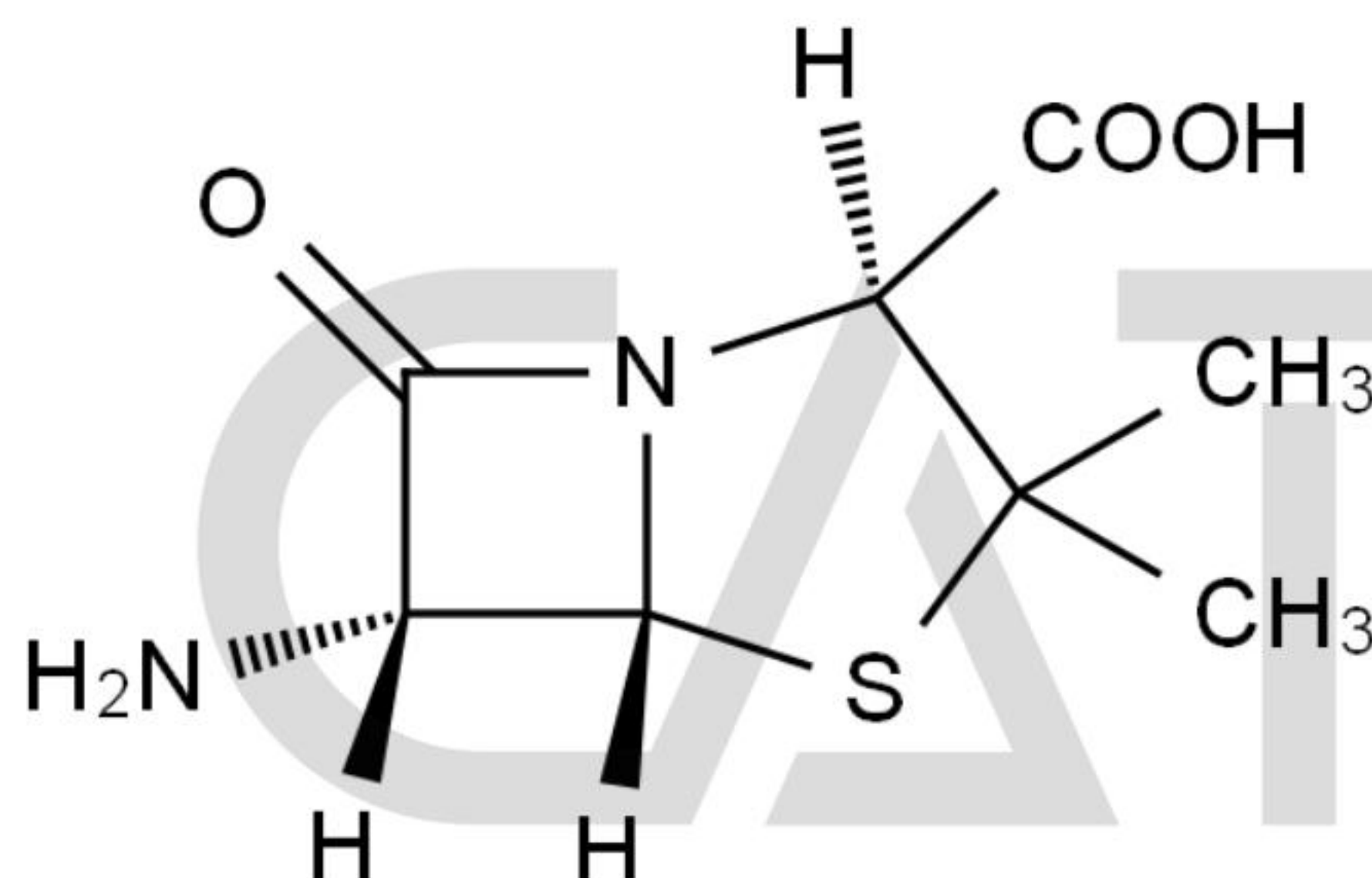


Certificate of Analysis

Reference Material & Standard

Product Name:	Amoxicillin EP Impurity A(Sulbactam EP Impurity B)	Catalogue Number:	C4X-11482
Synonyms:	Amoxicillin Related Compound A/Flucloxacillin Sodium EP Impurity C	Lot Number:	0129-RH-0096
CAS Number:	551-16-6	Expiry Date:	May 18, 2030
Molecular Formula:	C ₈ H ₁₂ N ₂ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	216.26	Shipping Condition:	Shipping at Room Temperature
Solubility:	Water	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	97.229%
Loss on Drying	TGA	0.0717%
Assay		97.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 24, 2026

Date: Jul 24, 2026

Date: Jul 24, 2026



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