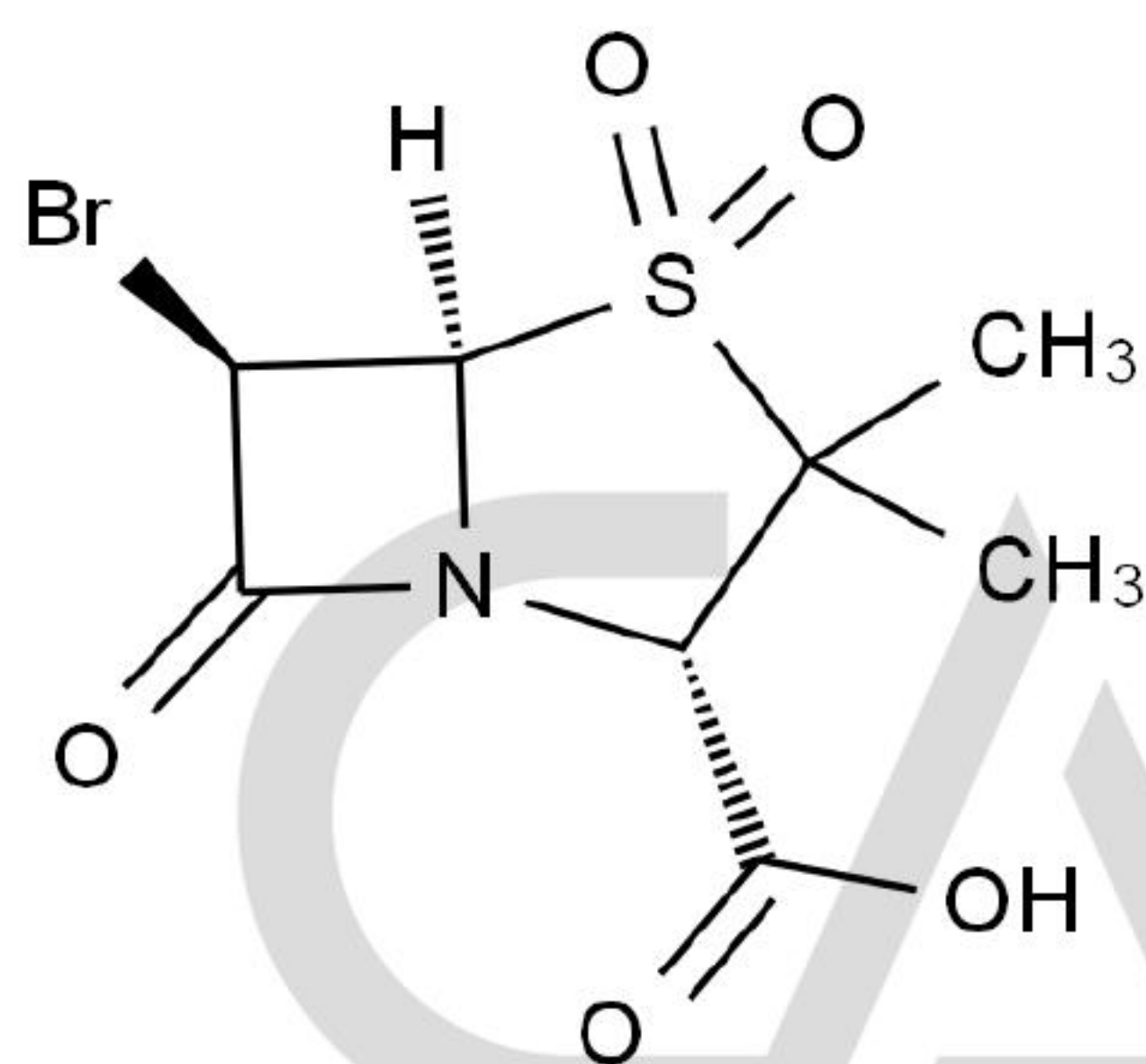


Certificate of Analysis

Reference Material & Standard

Product Name:	Sulbactam EP Impurity C	Catalogue Number:	C4X-17563
Synonyms:	N/A	Lot Number:	0107-RH-0041
CAS Number:	75527-87-6	Expiry Date:	Jan 08, 2030
Molecular Formula:	C ₈ H ₁₀ BrNO ₅ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	312.14	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.276%
Loss on Drying	TGA	0.0654%
Assay		99.2%

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: Jun 12, 2026

Date: Jun 12, 2026

Date: Jun 12, 2026



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