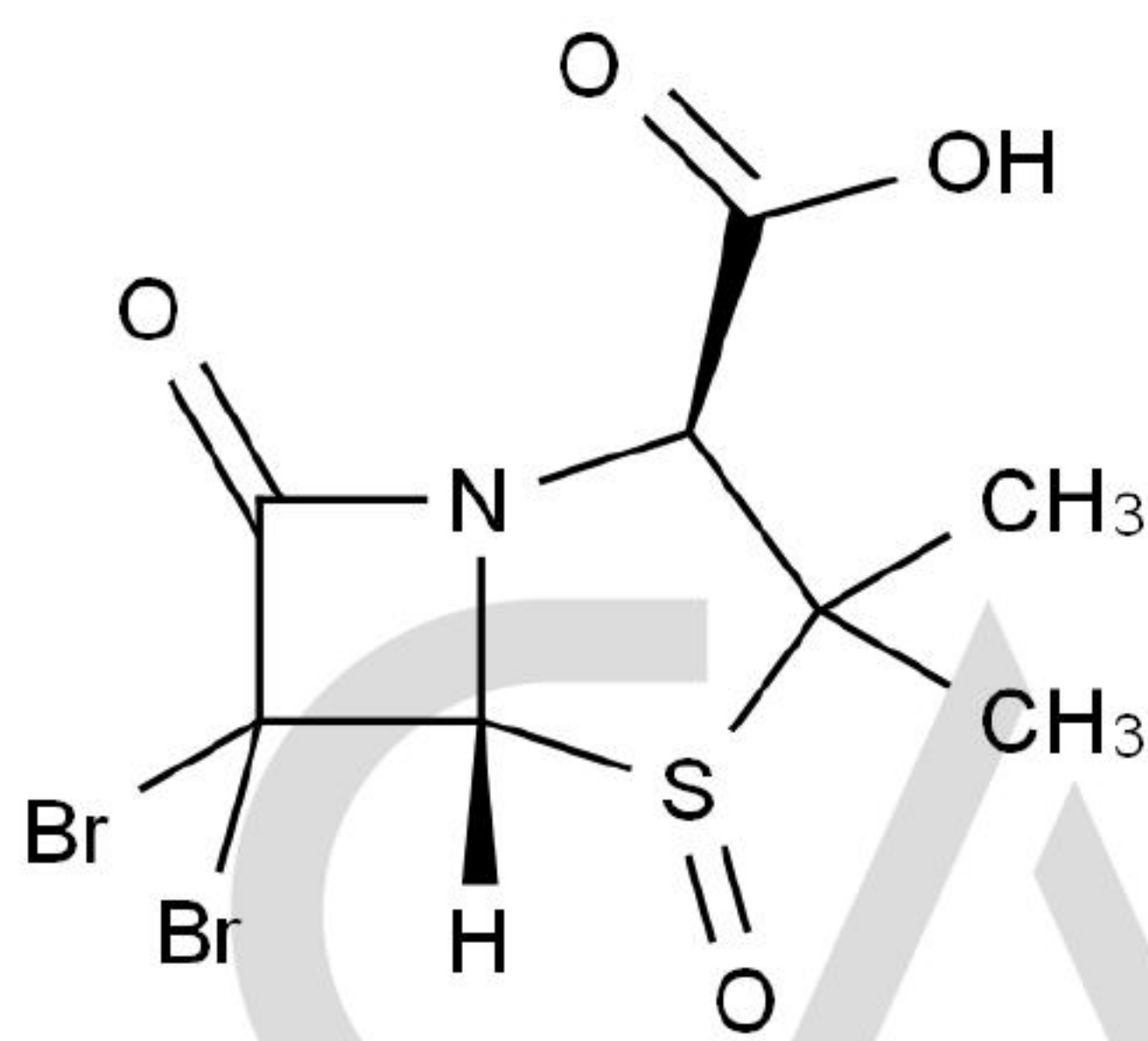


Certificate of Analysis

Reference Material & Standard

Product Name:	Sulbactam Impurity 13	Catalogue Number:	C4X-175613
Synonyms:	N/A	Lot Number:	0829-RG-0092
CAS Number:	N/A	Expiry Date:	Sep 01, 2029
Molecular Formula:	C ₈ H ₉ Br ₂ NO ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	375.03		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.947%
Loss On Drying	TGA	0.0380%
Assay		96.9%

Comment:

The calculation of the 100% 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: Sep 02, 2025

Date: Sep 02, 2025

Date: Sep 02, 2025

