

Certificate of Analysis

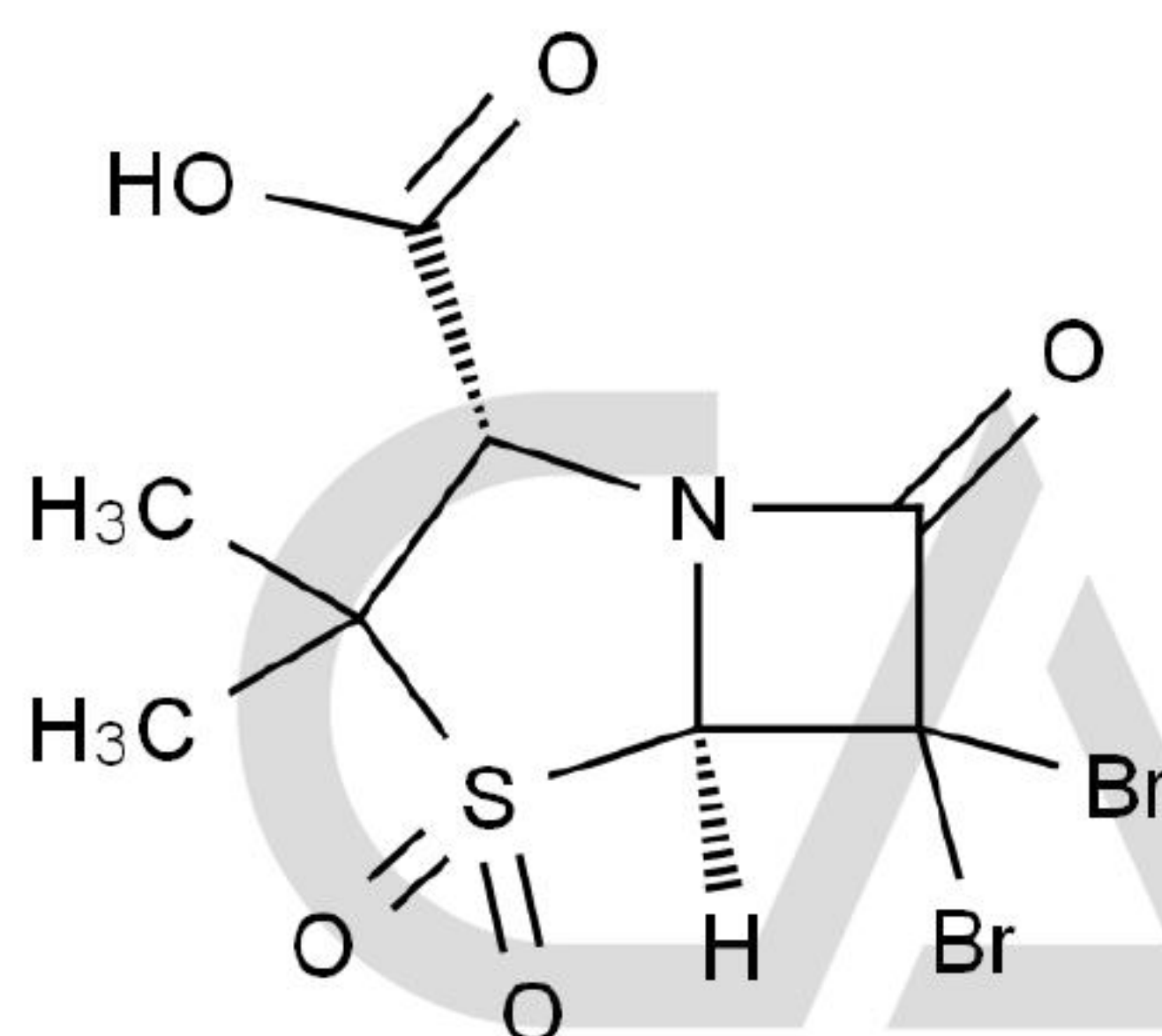
Reference Material & Standard

Product Name:	Sulbactam EP Impurity E	Catalogue Number:	C4X-17565
Synonyms:	N/A	Lot Number:	0306-RG-0075
CAS Number:	76646-91-8	Expiry Date:	Mar 09, 2028
Molecular Formula:	C ₈ H ₉ Br ₂ NO ₅ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	391.03	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	99.395%
Loss on Drying	TGA	0.0136%
Assay		99.4%

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

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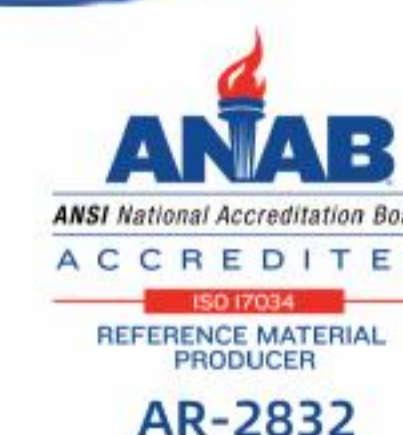
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