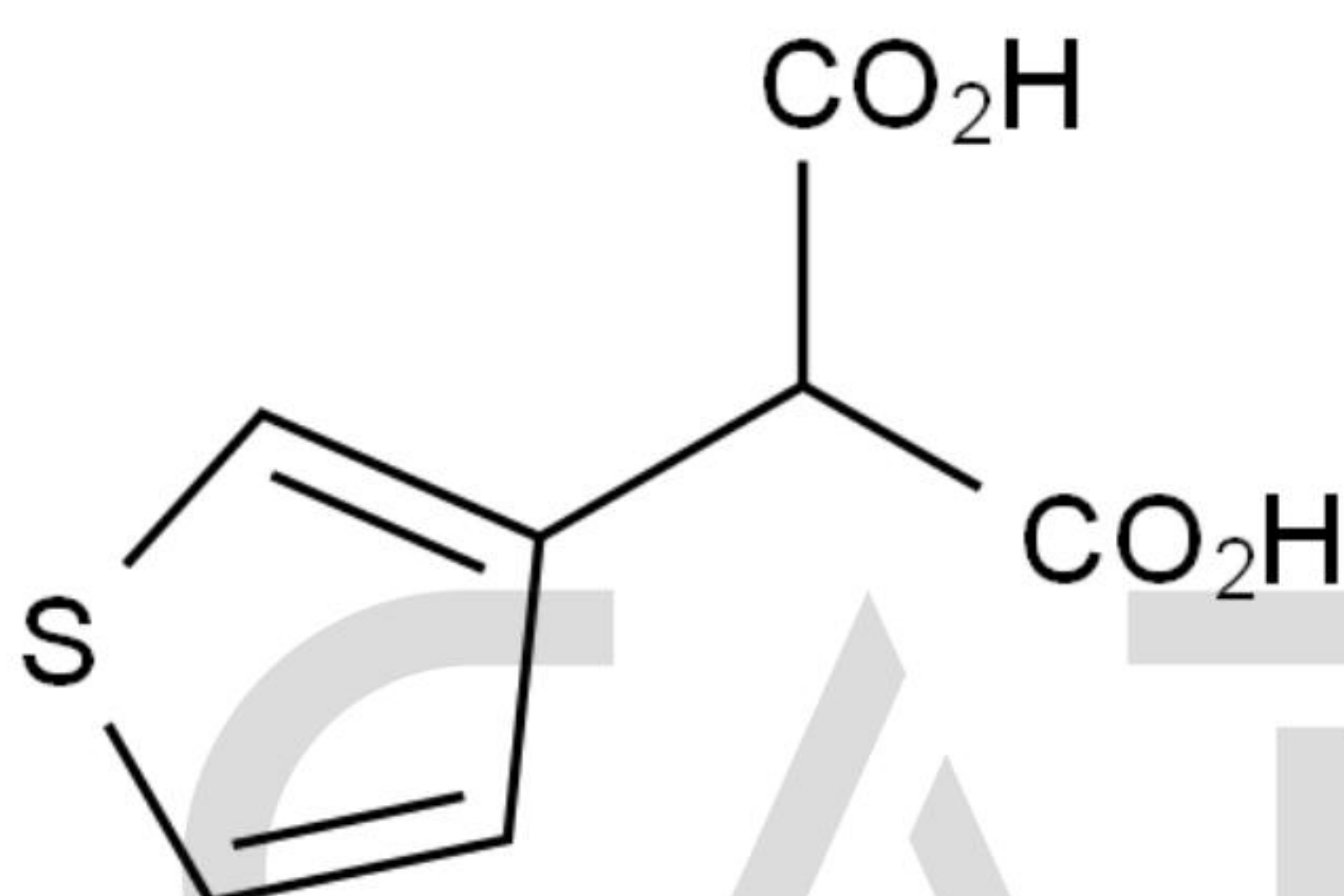


Certificate of Analysis

Reference Material & Standard

Product Name:	Ticarcillin EP Impurity C	Catalogue Number:	C4X-17633
Synonyms:	N/A	Lot Number:	0728-RG-0018
CAS Number:	21080-92-2	Expiry Date:	Aug 03, 2029
Molecular Formula:	C ₇ H ₆ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	186.19		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.243%
Loss On Drying	TGA	0.1341%
Assay		99.1%

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: Aug 04, 2025

Date: Aug 04, 2025

Date: Aug 04, 2025

