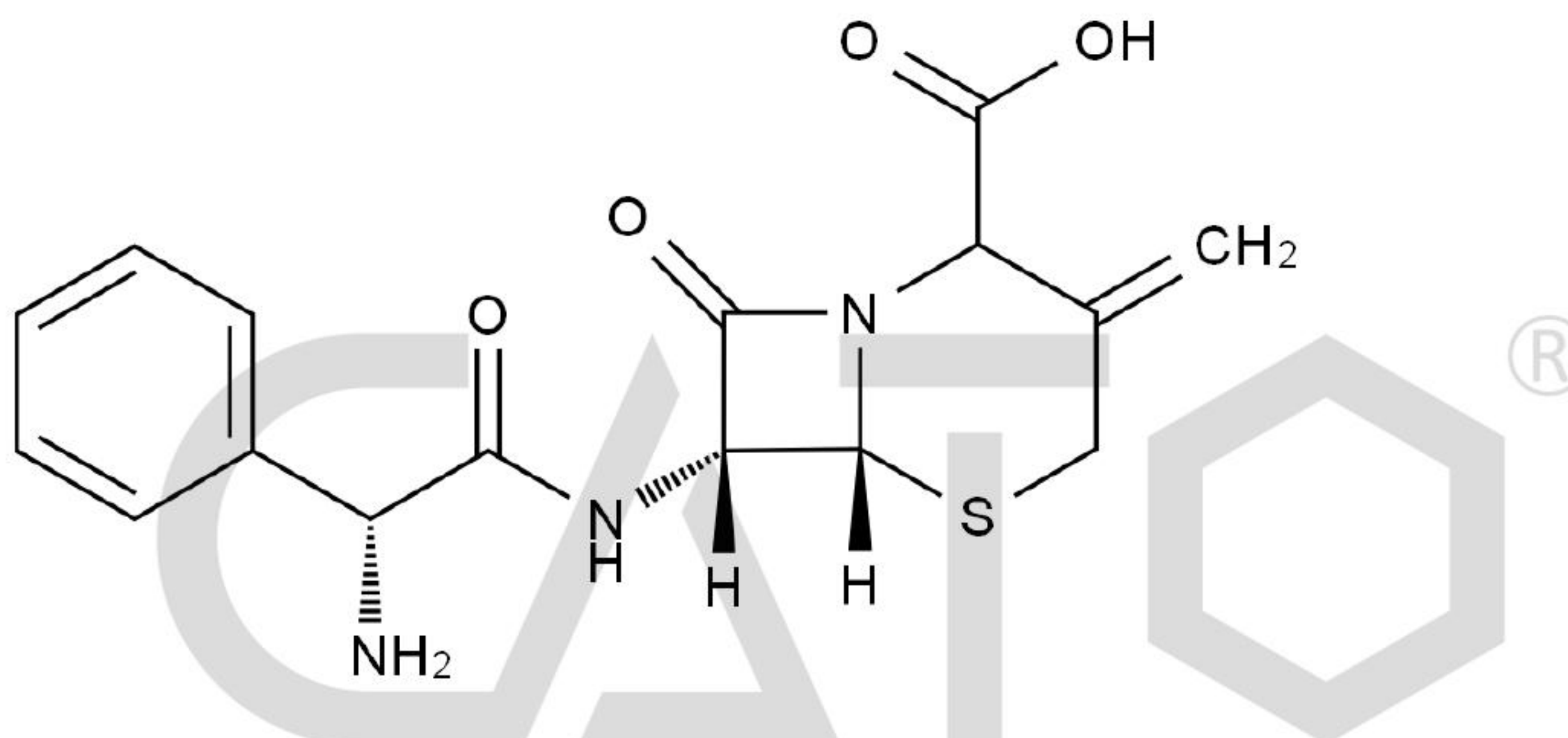


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefaclor EP Impurity G-Isomer 1	Catalogue Number:	C4X-12707
Synonyms:	N/A	Lot Number:	0805-RF-0044
CAS Number:	67308-21-8	Expiry Date:	Aug 06, 2027
Molecular Formula:	C ₁₆ H ₁₇ N ₃ O ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	347.39	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.202%
Loss On Drying	TGA	0.5455%
Assay		97.7%

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 07, 2024

Date: Aug 07, 2024

Date: Aug 07, 2024

