

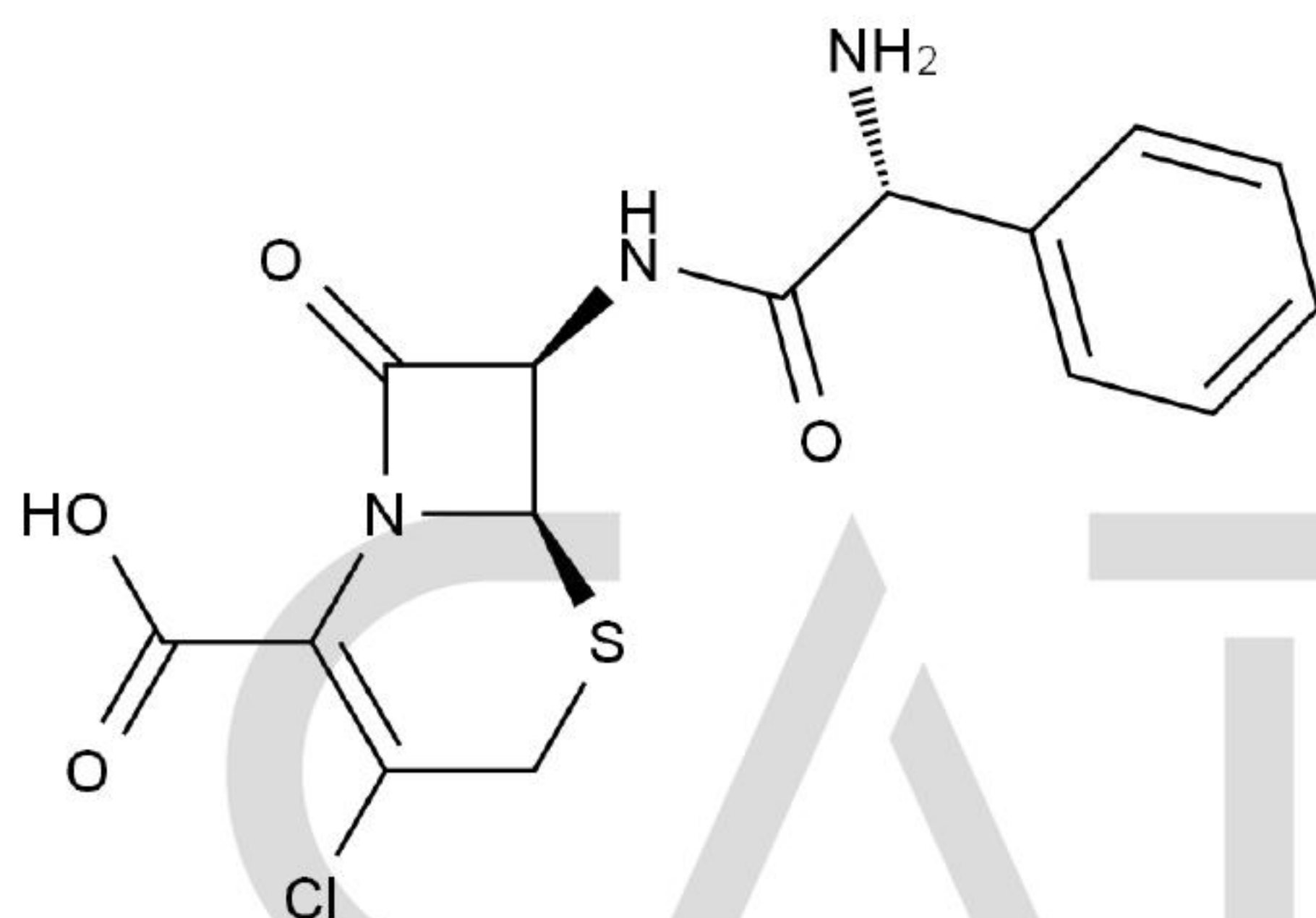
Certificate of Analysis

Reference Material & Standard

Product Name:	Cefaclor	Catalogue Number:	C4X-1270
Synonyms:	N/A	Lot Number:	0415-RD-0074
CAS Number:	53994-73-3	Expiry Date:	May 07, 2027
Molecular Formula:	C ₁₅ H ₁₄ ClN ₃ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	367.81	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.300%
Residue on Ignition	TGA	1.5539%
Loss On Drying	TGA	3.1557%
Assay		94.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Aproved by General Manager:

David

Date: May 08, 2024

Date: May 08, 2024

Date: May 08, 2024

