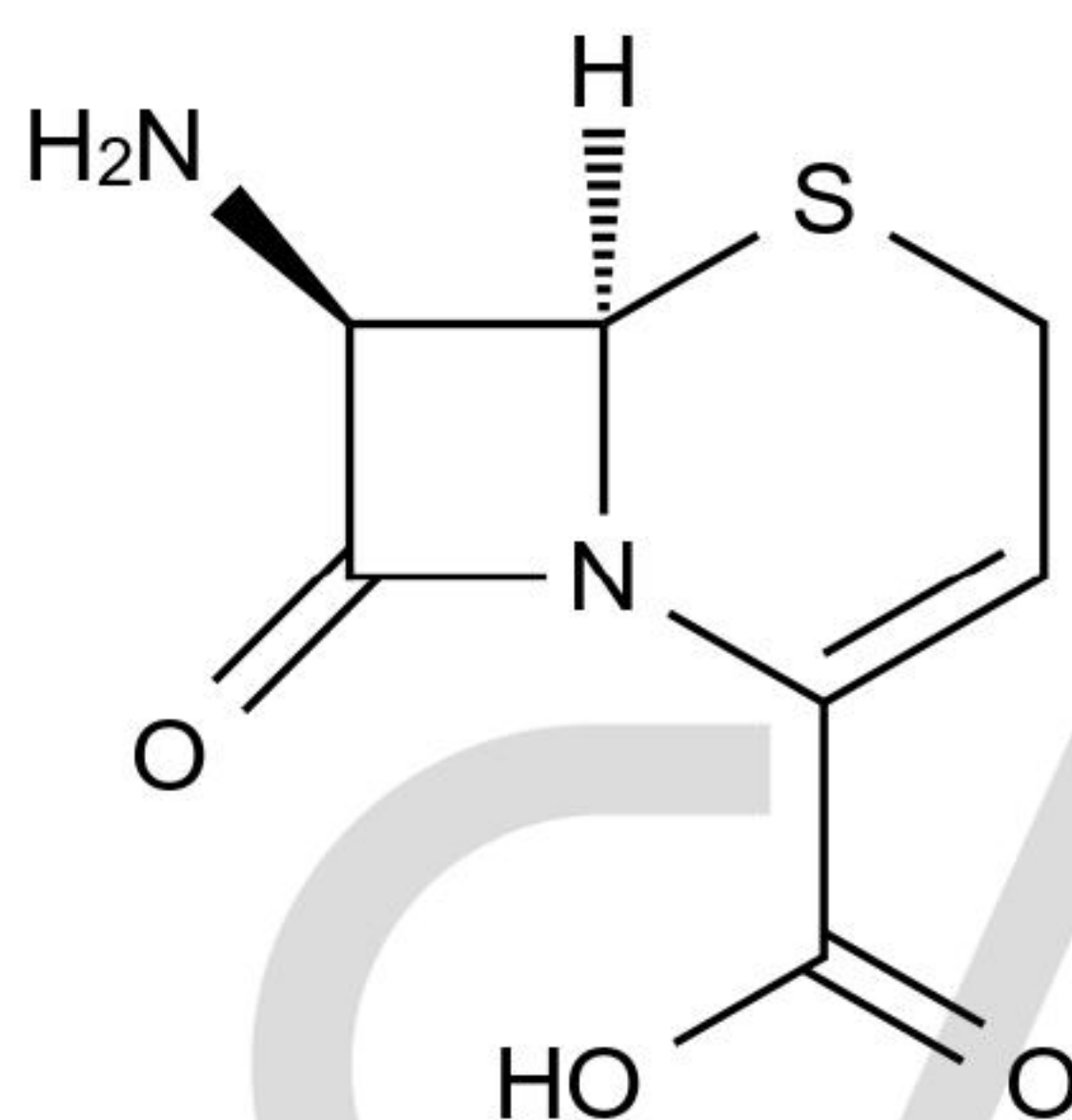


Certificate of Analysis

Reference Material & Standard

Product Name:	Ceftizoxime Impurity 16	Catalogue Number:	C4X-179316
Synonyms:	N/A	Lot Number:	0421-RE-0023
CAS Number:	36923-17-8	Expiry Date:	May 25, 2028
Molecular Formula:	C ₇ H ₈ N ₂ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	200.22		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.905%
Residue on Ignition	TGA	3.3076%
Loss On Drying	TGA	0.1353%
Assay		96.5%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 26, 2025

Date: May 27, 2025

Date: May 27, 2025

