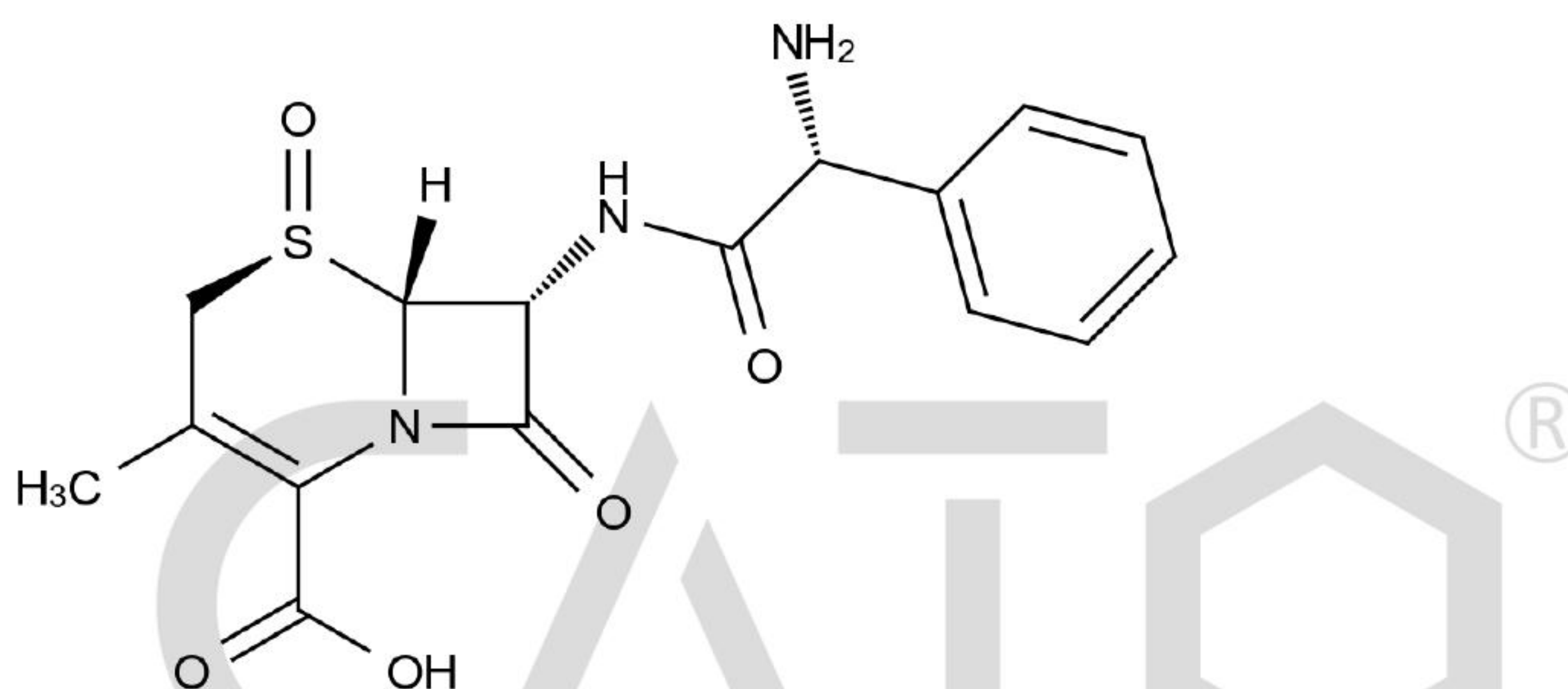


Certificate of Analysis

Reference Material & Standard

Product Name:	Cephalexin Impurity 42	Catalogue Number:	C4X-126142
Synonyms:	N/A	Lot Number:	1017-RF-0028
CAS Number:	52210-38-5	Expiry Date:	Jun 10, 2026
Molecular Formula:	C ₁₆ H ₁₇ N ₃ O ₅ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	363.39		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	97.1%
Assay	qNMR	91.0%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 17, 2024

Date: Oct 17, 2024

Date: Oct 17, 2024

