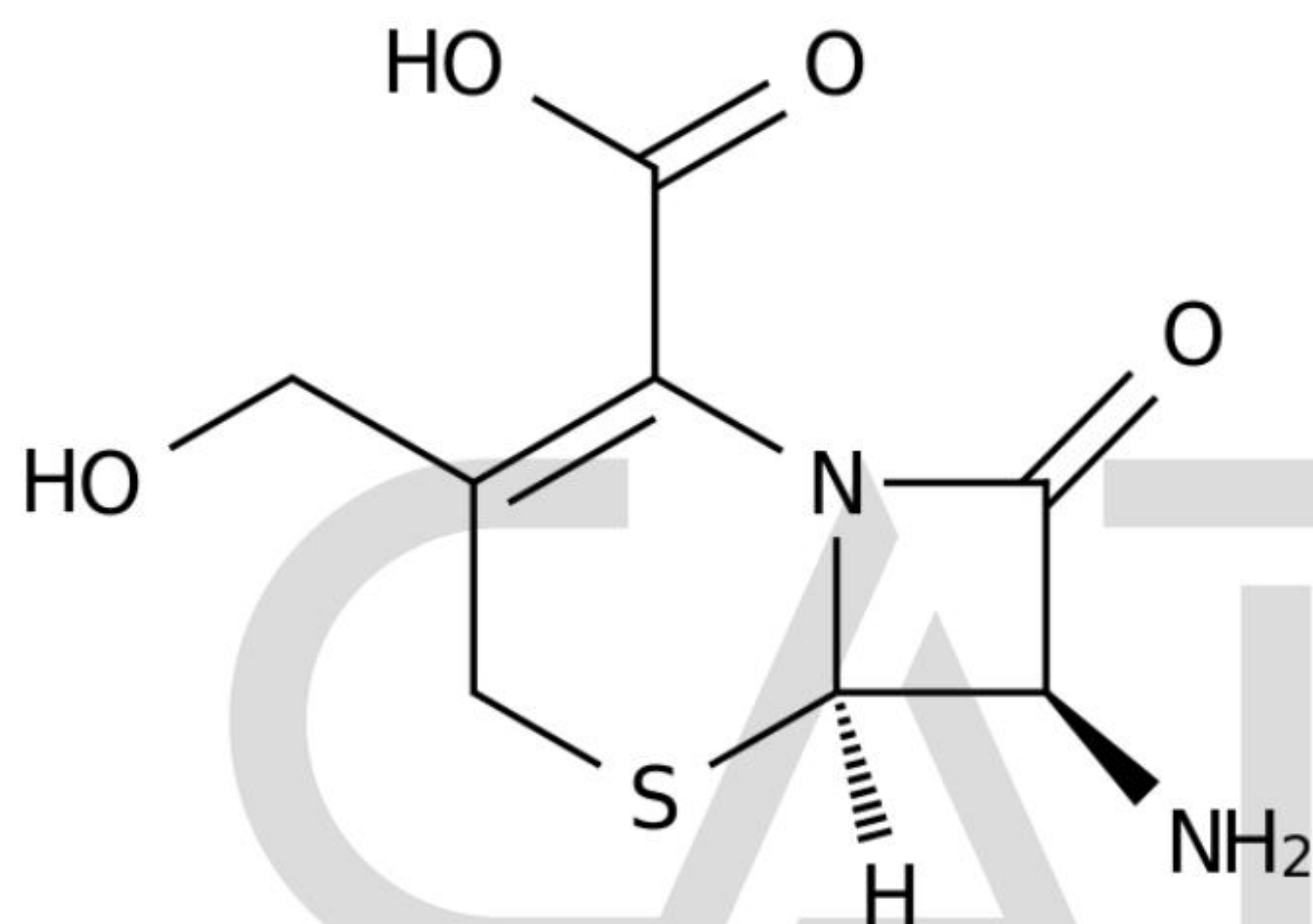


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefuroxime Impurity 36	Catalogue Number:	C4X-124536
Synonyms:	Hydroxymethyl-7-Aminocephalosporanic acid	Lot Number:	0311-RG-0003
CAS Number:	15690-38-7	Expiry Date:	Mar 24, 2028
Molecular Formula:	C ₈ H ₁₀ N ₂ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	230.24	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.684%
Loss On Drying	TGA	0.3567%
Assay		98.3%

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: Mar 25, 2025

Date: Mar 25, 2025

Date: Mar 25, 2025

