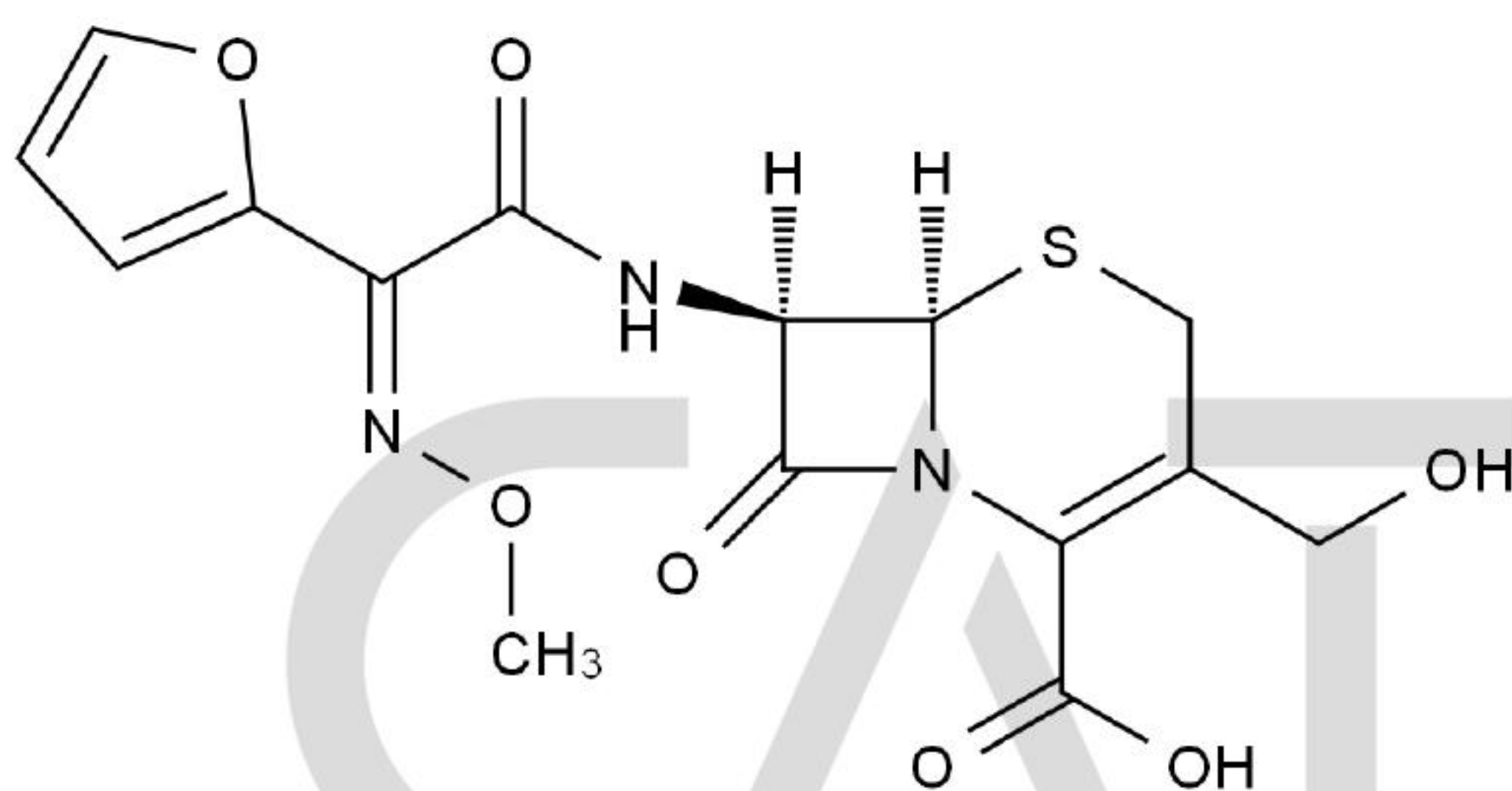


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefuroxime Sodium EP Impurity A	Catalogue Number:	C4X-12451
Synonyms:	(6R,7R)-7-[[[(2Z)-2-(furan-2-yl)-2-methoxyiminoacetyl]amino]-3-(hydroxymethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	Lot Number:	0127-RH-0037
CAS Number:	56271-94-4	Expiry Date:	Feb 01, 2030
Molecular Formula:	C ₁₅ H ₁₅ N ₃ O ₇ S	Storage:	-20°C±5°C Sealed
Molecular Weight:	381.36	Shipping Condition:	Shipping with Ice Packs
Solubility:	Soluble in Acetonitrile and DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	97.730%
Residue on Ignition	TGA	0.3753%
Loss On Drying	TGA	1.2647%
Assay	qNMR	95.3%
Assay	Mass Balance	96.1%

Comment:

- The retest date of this product is Feb 01, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$$
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:

Alice

Approved by General Manager:

David

Date: Feb 02, 2026

Date: Feb 02, 2026

Date: Feb 02, 2026



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