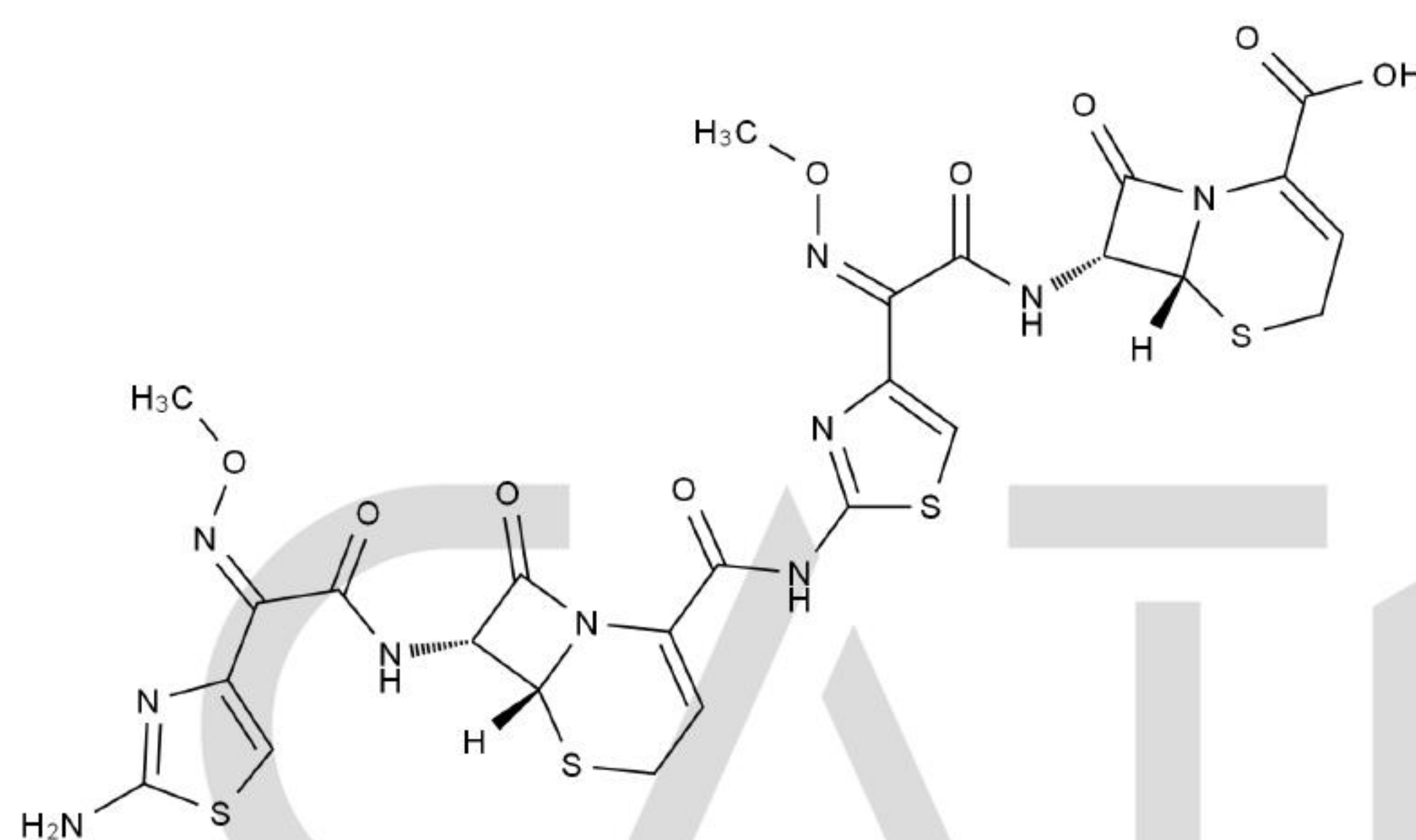


Certificate of Analysis

Reference Material & Standard

Product Name:	Ceftizoxime Dimer Impurity 38	Catalogue Number:	C4X-179338
Synonyms:	N/A	Lot Number:	1203-RF-0088
CAS Number:	N/A	Expiry Date:	Dec 02, 2027
Molecular Formula:	C ₂₆ H ₂₄ N ₁₀ O ₉ S ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	748.79		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.69%
Residue on Ignition	TGA	2.2134%
Loss On Drying	TGA	2.3028%
Assay		91.4%

Comment:

The calculation of the 100% 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:

Lisa

Approved by General Manager:

David

Date: Dec 05, 2024

Date: Dec 06, 2024

Date: Dec 06, 2024

