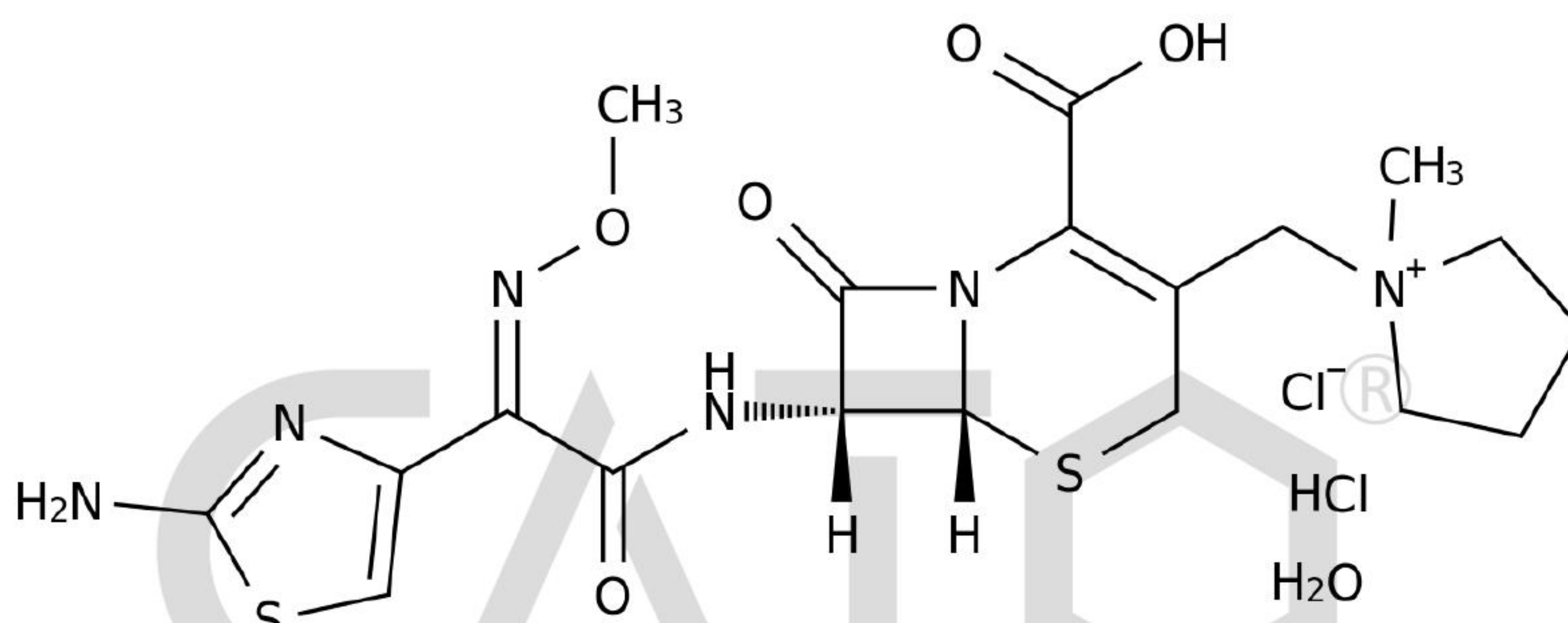


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefepime dihydrochloridum monohydricum	Catalogue Number:	C4X-1193
Synonyms:	N/A	Lot Number:	0612-RG-0030
CAS Number:	123171-59-5	Expiry Date:	Jun 11, 2028
Molecular Formula:	C ₁₉ H ₂₅ N ₆ O ₅ S ₂ HCl Cl H ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	481.57 36.46 35.45 18.02		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.687%
Loss On Drying	TGA	4.8955%
Loss On Drying(Free Water)		1.7424%
Assay		98.0%

Comment:

- The content of crystal water is 3.1531%.
- The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Loss On Drying(Free Water)}) * \text{Purity HPLC (\%)} / 100\%$$
 Loss On Drying(Free Water) is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 12, 2025

Date: Jun 12, 2025

Date: Jun 12, 2025

