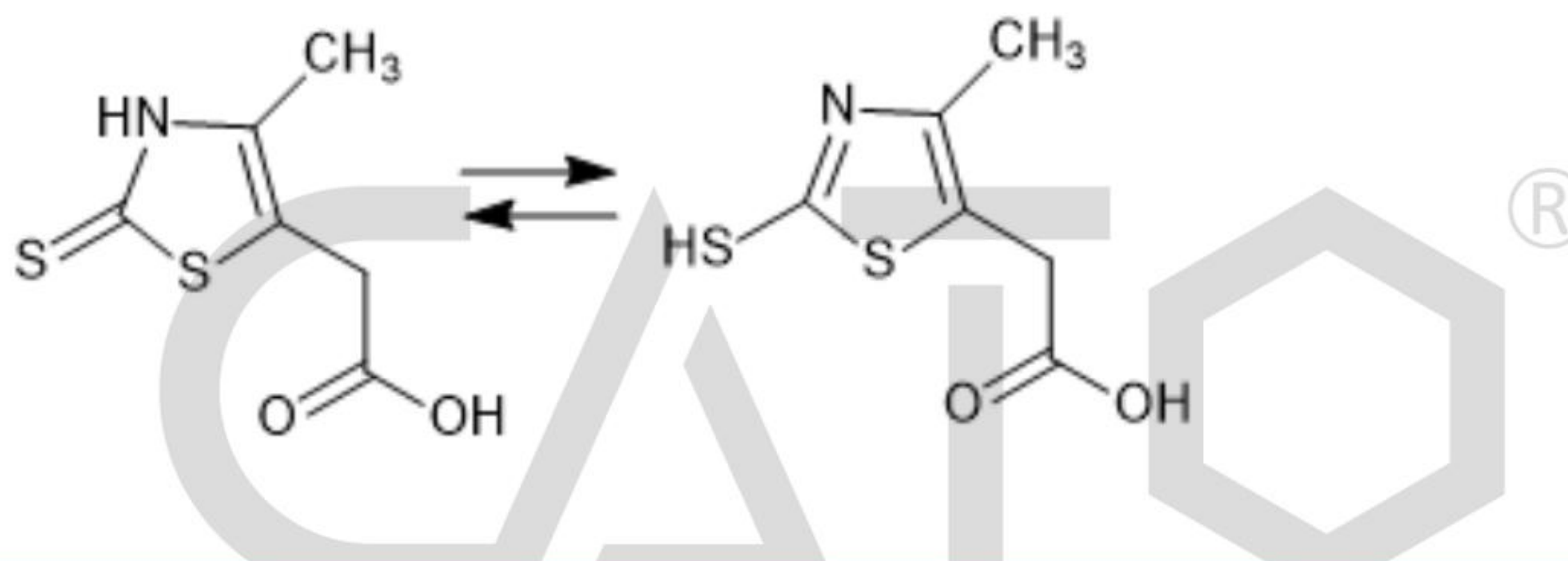


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefotaxime Impurity 8	Catalogue Number:	C4X-12018
Synonyms:	N/A	Lot Number:	0324-RH-0072
CAS Number:	34272-64-5	Expiry Date:	Mar 23, 2030
Molecular Formula:	C ₆ H ₇ NO ₂ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	189.26	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.0629%
Assay		99.9%

Comment:

The calculation of the mass balance 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:

Lisa

Approved by General Manager:

David

Date: Mar 24, 2026

Date: Mar 24, 2026

Date: Mar 24, 2026



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