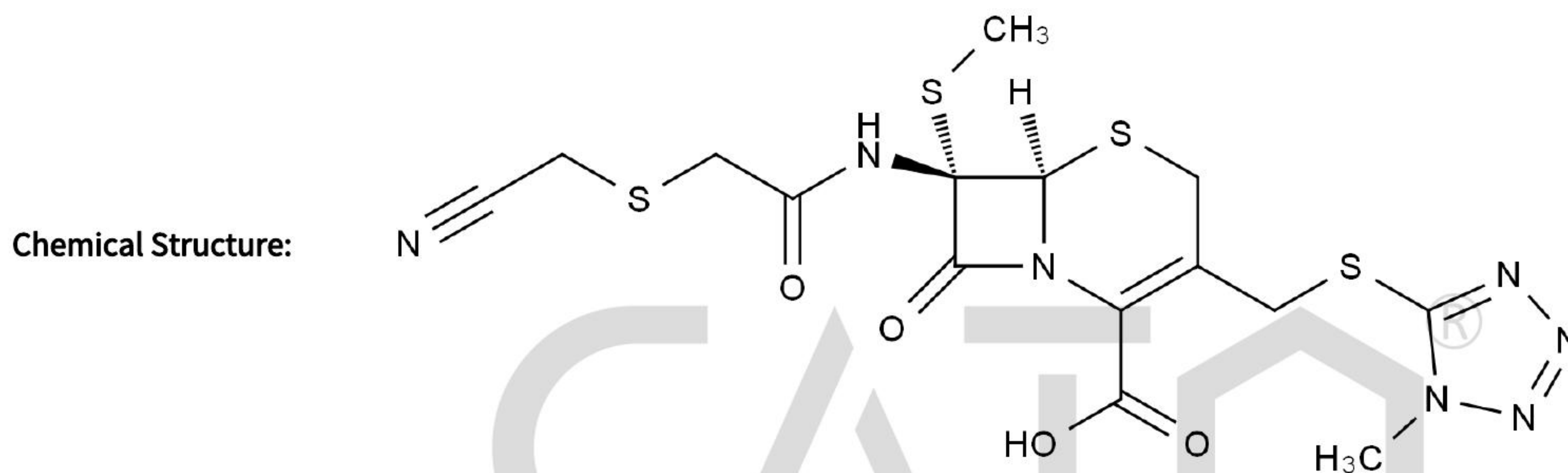


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefmetazole Impurity 4	Catalogue Number:	C4X-15074
Synonyms:	N/A	Lot Number:	0120-RG-0116
CAS Number:	68576-47-6	Expiry Date:	Jan 21, 2028
Molecular Formula:	C ₁₅ H ₁₇ N ₇ O ₄ S ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	487.60		



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.340%
Residual Solvents	NMR	Acetonitrile
Loss On Drying	TGA	1.5126%
Assay		96.9%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residual Solvents - Loss On Drying) * Purity HPLC (%) / 100%

Residual Solvents 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: Jan 22, 2025

Date: Jan 22, 2025

Date: Jan 22, 2025

