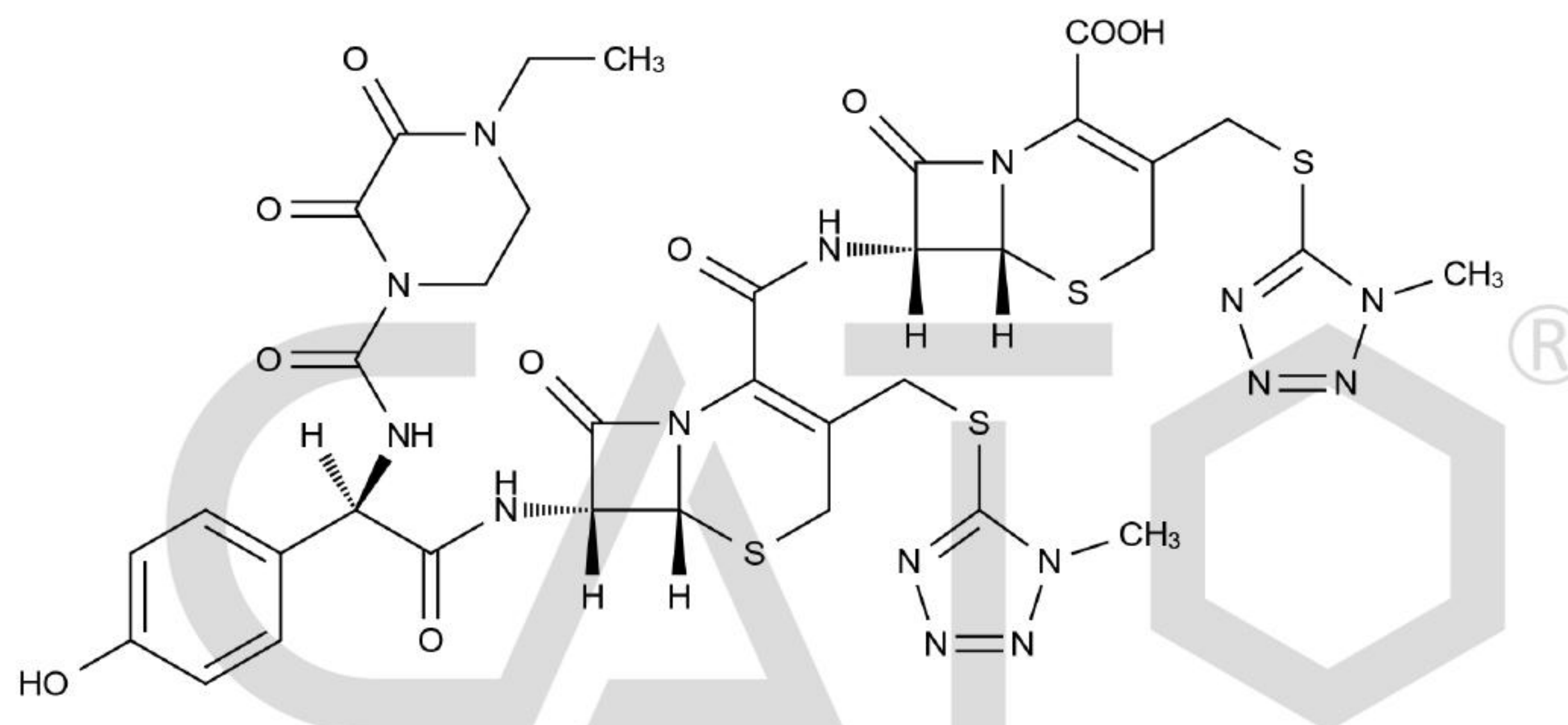


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefoperazone Impurity 21	Catalogue Number:	C4X-114921
Synonyms:	N/A	Lot Number:	0630-RH-0052
CAS Number:	N/A	Expiry Date:	Aug 14, 2028
Molecular Formula:	$C_{35}H_{37}N_{15}O_{10}S_4$	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	956.02	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	93.4%
Assay	qNMR	90.5%

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jul 02, 2026

Date: Jul 02, 2026

Date: Jul 02, 2026



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