

Certificate of Analysis

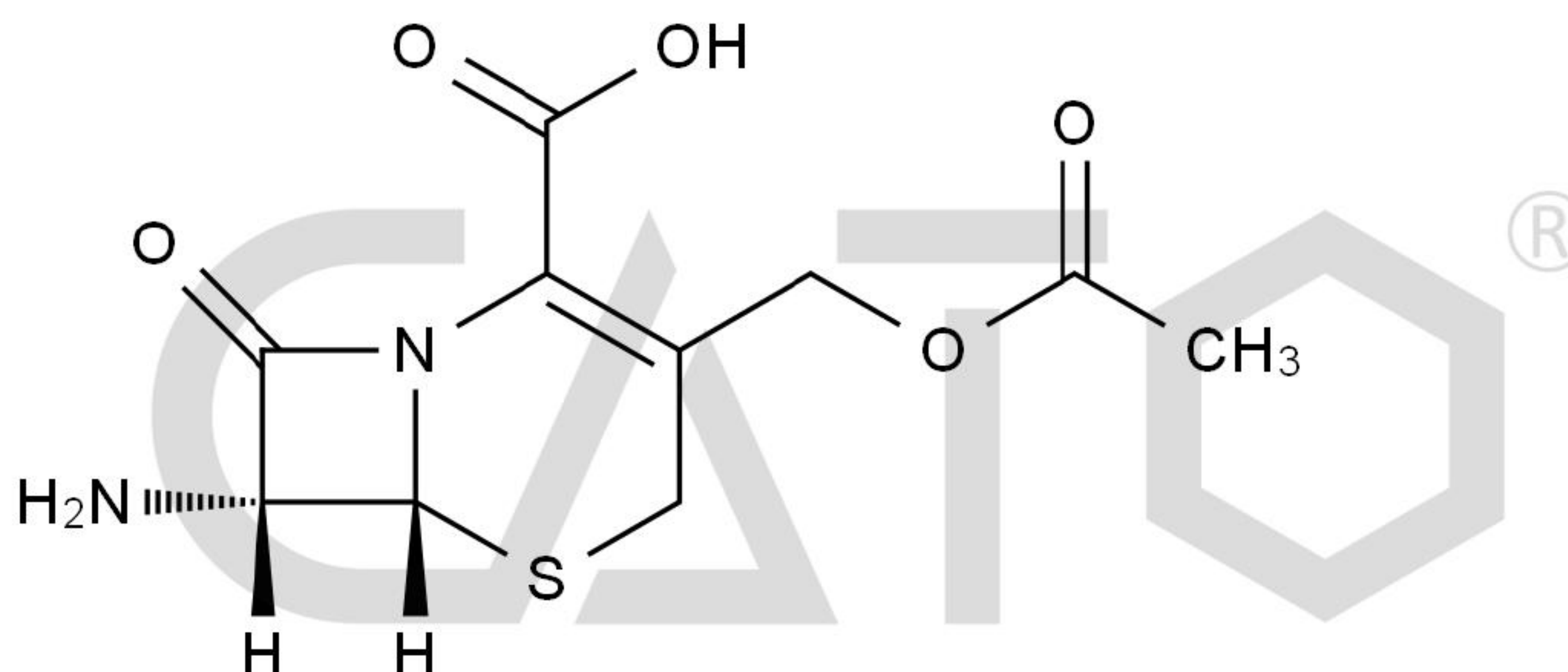
Reference Material & Standard

Product Name:	Cefalotin EP Impurity C/Cefoperazone EP Impurity E/Cefazolin EP Impurity H	Catalogue Number:	C4X-12843
Synonyms:	7-Aminocephalosporanic acid/7-ACA/Cefazolin USP RC G/	Lot Number:	0609-RG-0029
CAS Number:	957-68-6	Expiry Date:	Jun 08, 2028
Molecular Formula:	C ₁₀ H ₁₂ N ₂ O ₅ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	272.28	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	95.356%
Loss on Drying	TGA	0.0788%
Assay		95.3%

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:

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Reviewed by:

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Approved by General Manager:

David

Date: May 13, 2026

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