

Certificate of Analysis

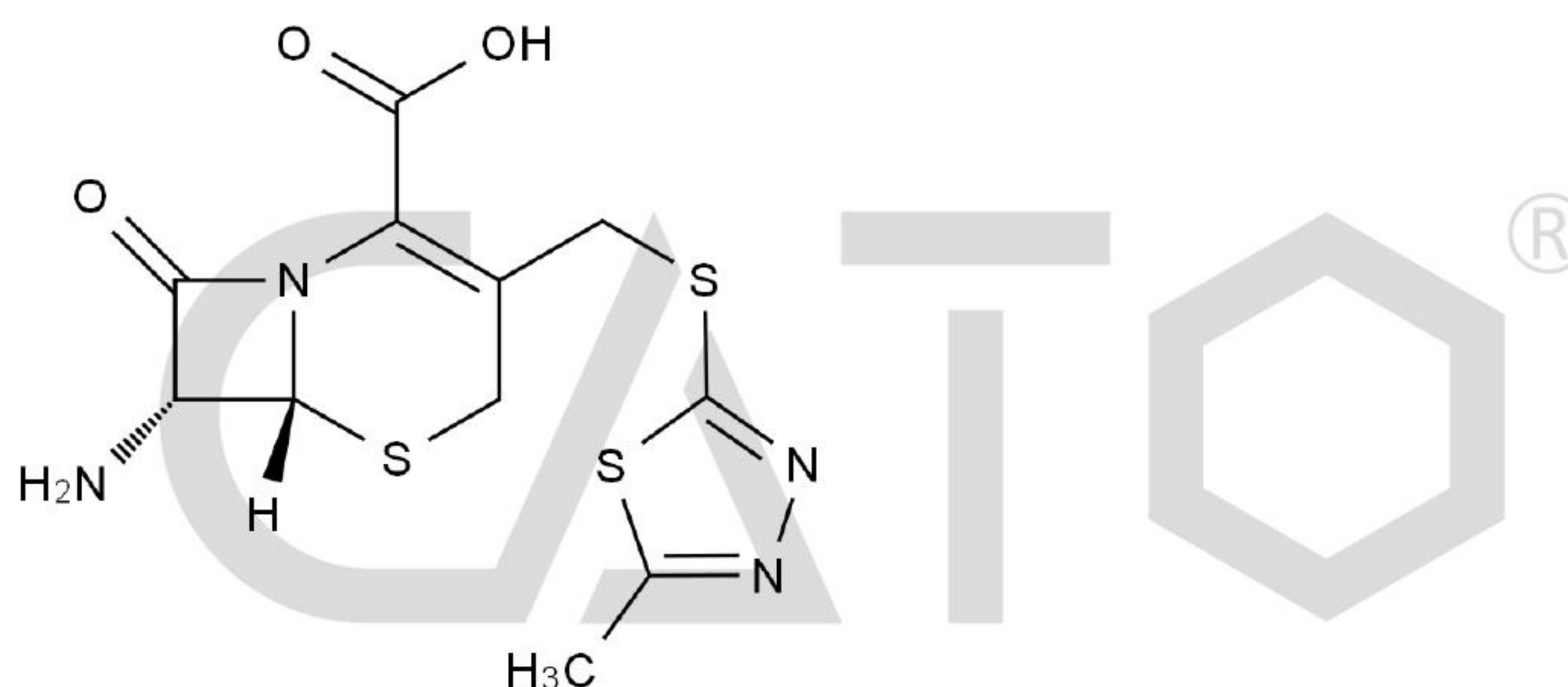
Reference Material & Standard

Product Name:	Cefazolin EP Impurity A	Catalogue Number:	C4X-157723
Synonyms:	Cefazolin CP Impurity A/Cefazolin deacylated/Cefazolin USP RC K;Cefazedone Impurity	Lot Number:	0422-RF-0056
CAS Number:	30246-33-4	Expiry Date:	May 14, 2030
Molecular Formula:	C ₁₁ H ₁₂ N ₄ O ₃ S ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	344.43	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.414%
Loss on Drying	TGA	0.2447%
Assay		99.2%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 15, 2026

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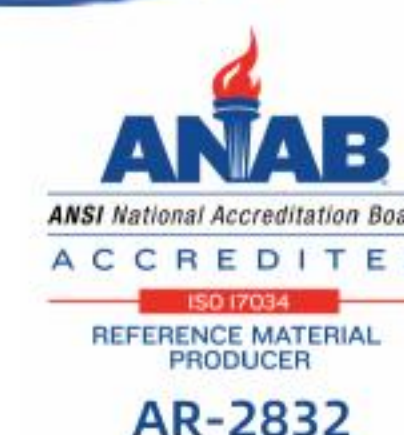
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