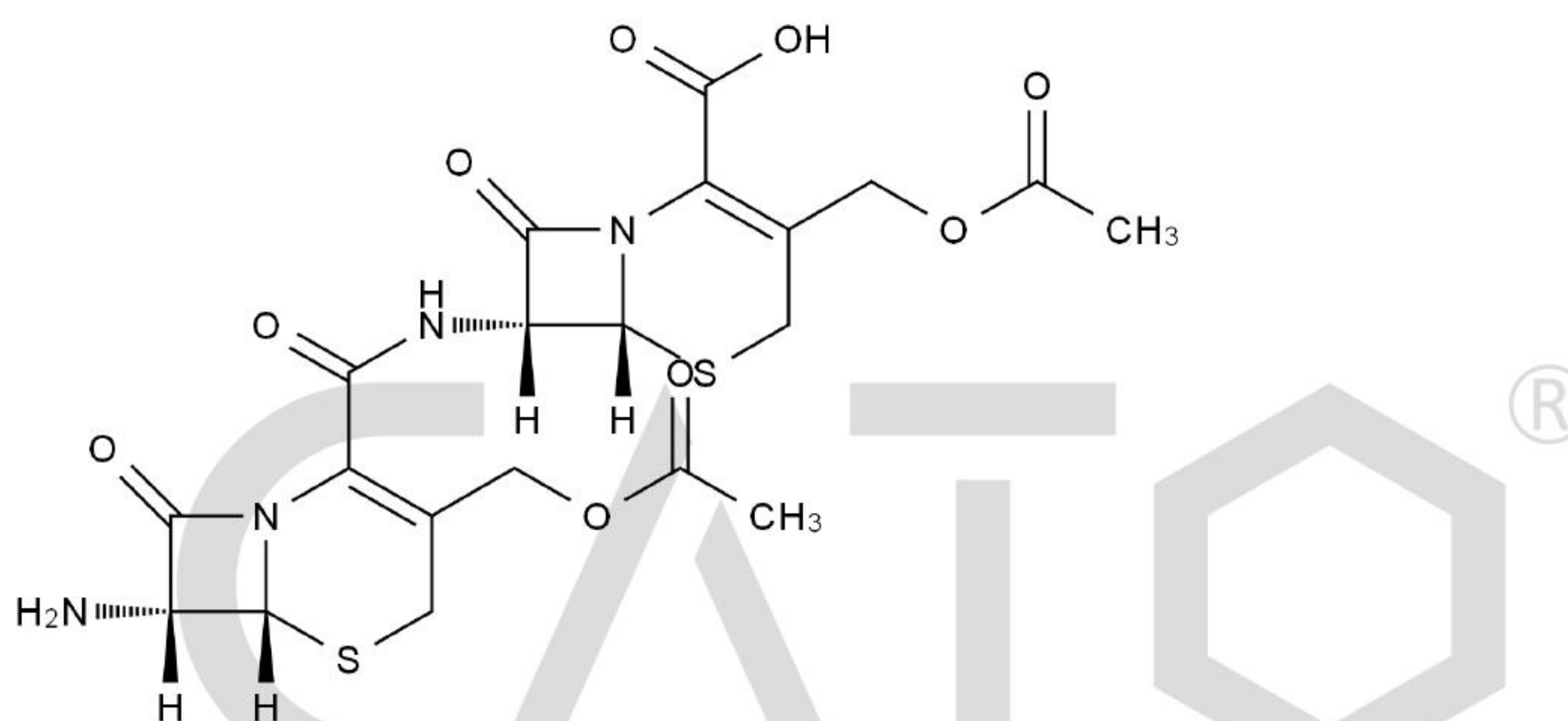


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefazolin Impurity 24	Catalogue Number:	C4X-157724
Synonyms:	N/A	Lot Number:	0126-RH-0166
CAS Number:	N/A	Expiry Date:	Feb 01, 2030
Molecular Formula:	C ₂₀ H ₂₂ N ₄ O ₉ S ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	526.54	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.066%
Loss On Drying	TGA	2.1507%
Assay		93.0%

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:

Koi

Approved by General Manager:

David

Date: Feb 02, 2026

Date: Feb 02, 2026

Date: Feb 02, 2026



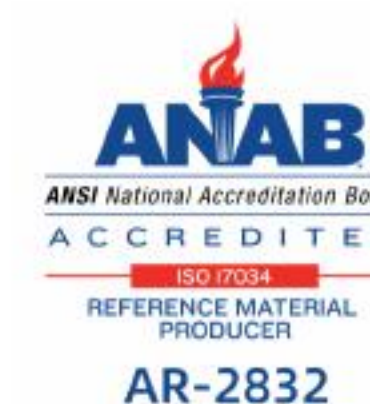
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