

Certificate of Analysis

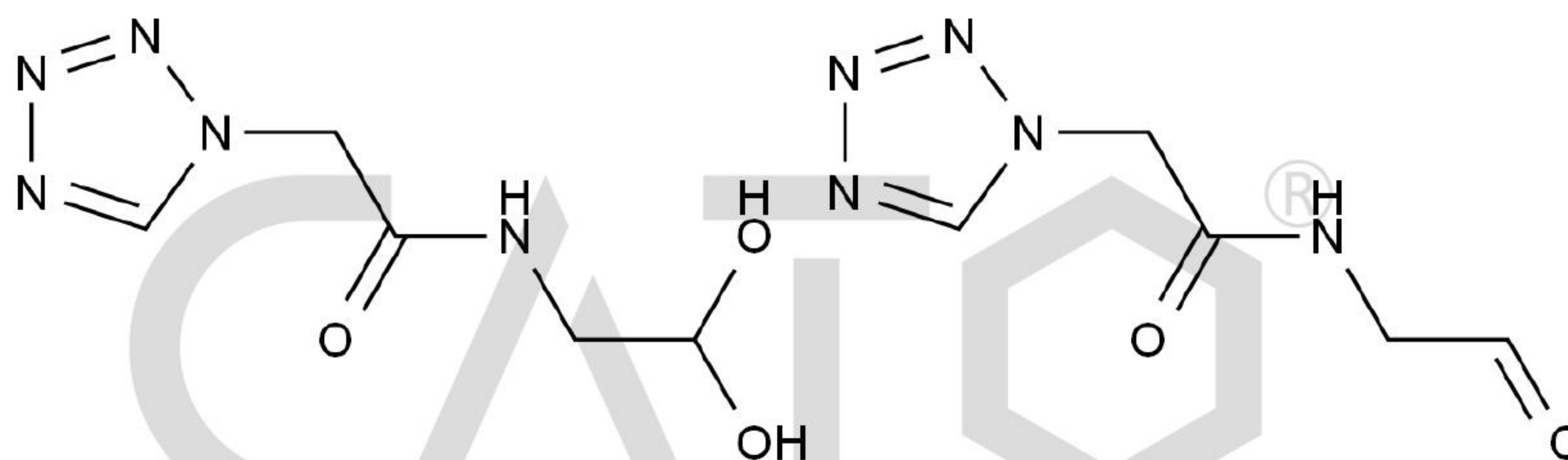
Reference Material & Standard

Product Name:	Cefazolin USP RC B	Catalogue Number:	C4X-15778
Synonyms:	Tetrazolyl Acetamide Acetal; Cefazolin Tetrazolyl acetamide acetal	Lot Number:	0727-RH-0048
CAS Number:	1675245-47-2&1797135-60-4	Expiry Date:	Jul 26, 2030
Molecular Formula:	C ₅ H ₉ N ₅ O ₃ C ₅ H ₇ N ₅ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	187.16 169.14	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	97.639%
Residue on Ignition	TGA	0.9293%
Loss on Drying	TGA	5.1796%
Assay		91.7%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition 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: Jul 27, 2026

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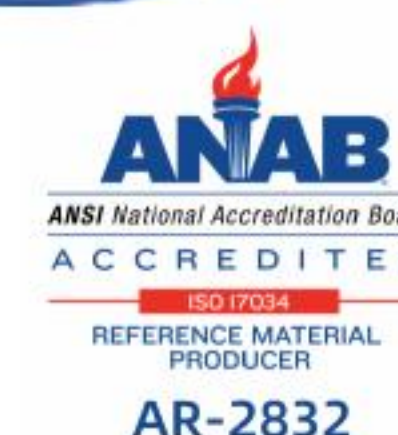
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