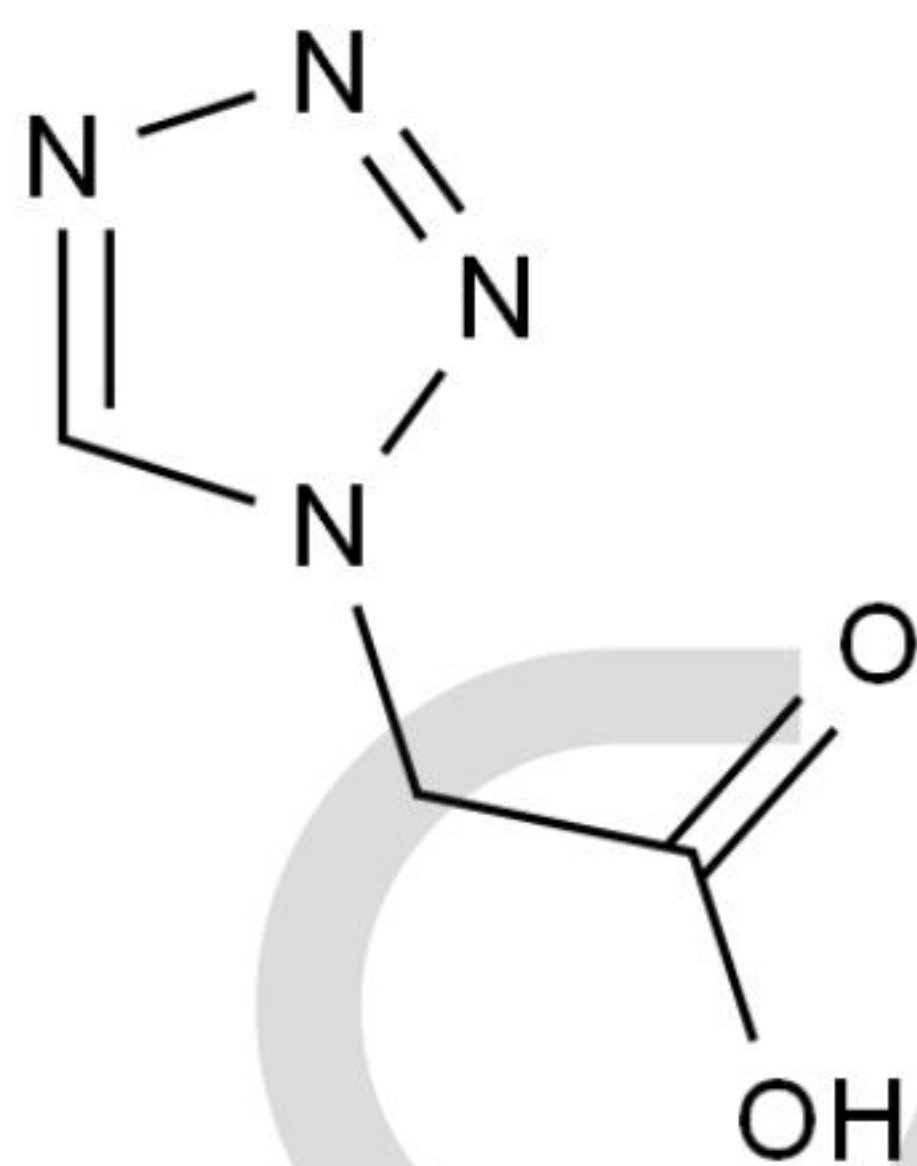


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefazolin USP RC A	Catalogue Number:	C4X-157713
Synonyms:	Tetrazolylacetic acid	Lot Number:	0818-RD-0032
CAS Number:	21732-17-2	Expiry Date:	Nov 10, 2027
Molecular Formula:	C ₃ H ₄ N ₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	128.09	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.115%
Loss On Drying	TGA	0.0248%
Assay		99.1%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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: Jul 22, 2025

Date: Jul 22, 2025

Date: Jul 22, 2025

