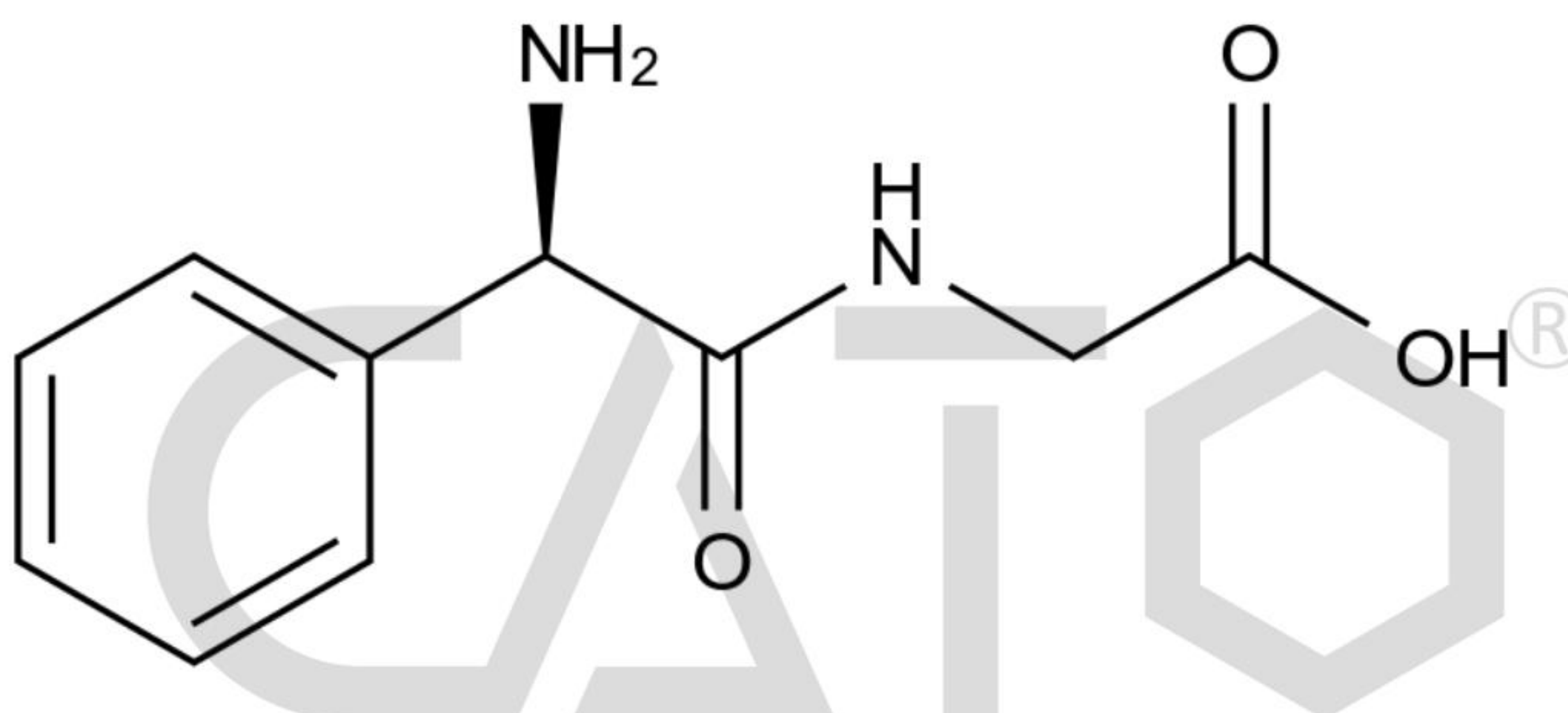


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefaclor Degradation A Impurity(H-D-Phg-Gly-OH)	Catalogue Number:	C4X-127044
Synonyms:	N/A	Lot Number:	0427-RH-0164
CAS Number:	6453-64-1	Expiry Date:	May 05, 2030
Molecular Formula:	C ₁₀ H ₁₂ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	208.21	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.089%
Loss on Drying	TGA	0.0433%
Assay		99.0%

Comment:

The calculation of the mass balance 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: May 06, 2026

Date: May 06, 2026

Date: May 06, 2026



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