

Certificate of Analysis

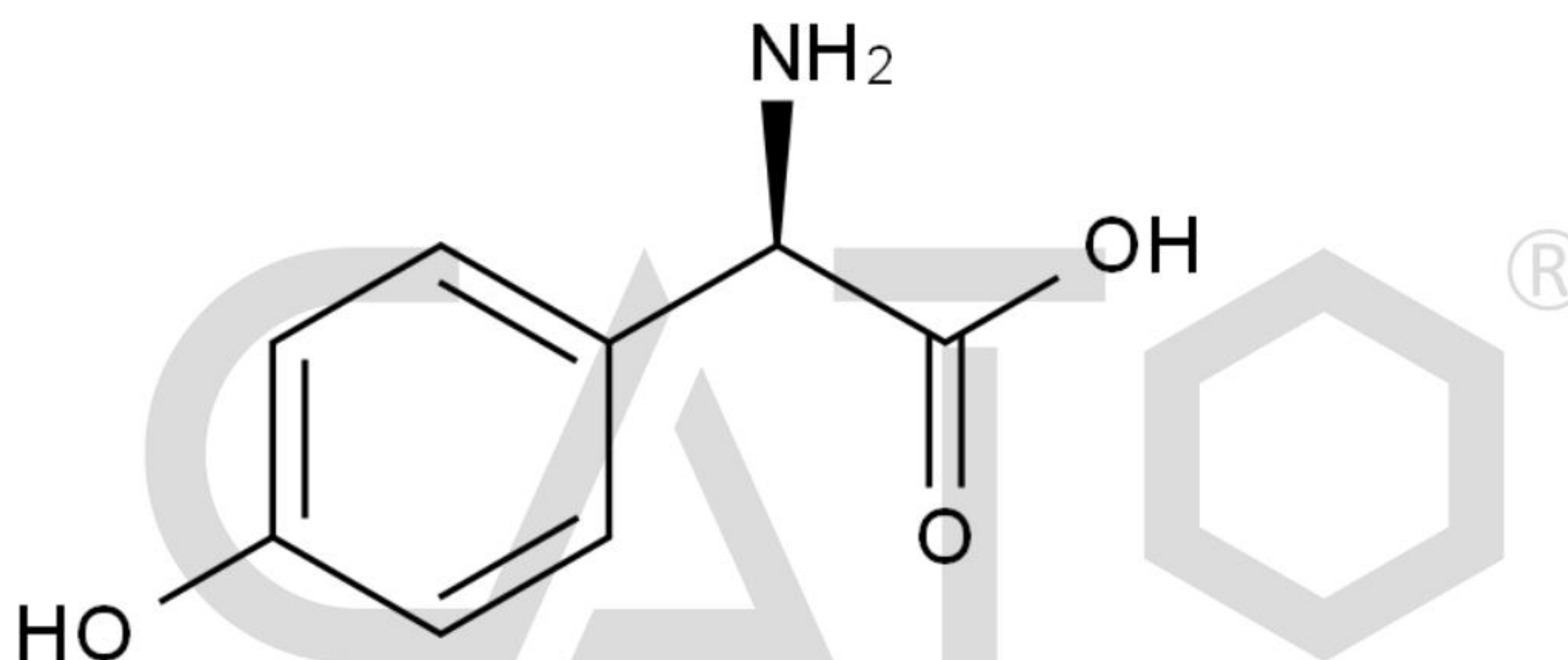
Reference Material & Standard

Product Name:	Cefadroxil EP Impurity A(Amoxicillin EP Impurity I)	Catalogue Number:	C4X-11492
Synonyms:	Amoxicillin Related Compound I	Lot Number:	0829-RE-0001
CAS Number:	22818-40-2	Expiry Date:	Oct 09, 2029
Molecular Formula:	C ₈ H ₉ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	167.16		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.0745%
Assay		99.9%

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:

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Reviewed by:

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Approved by General Manager:

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Date: Oct 10, 2025

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