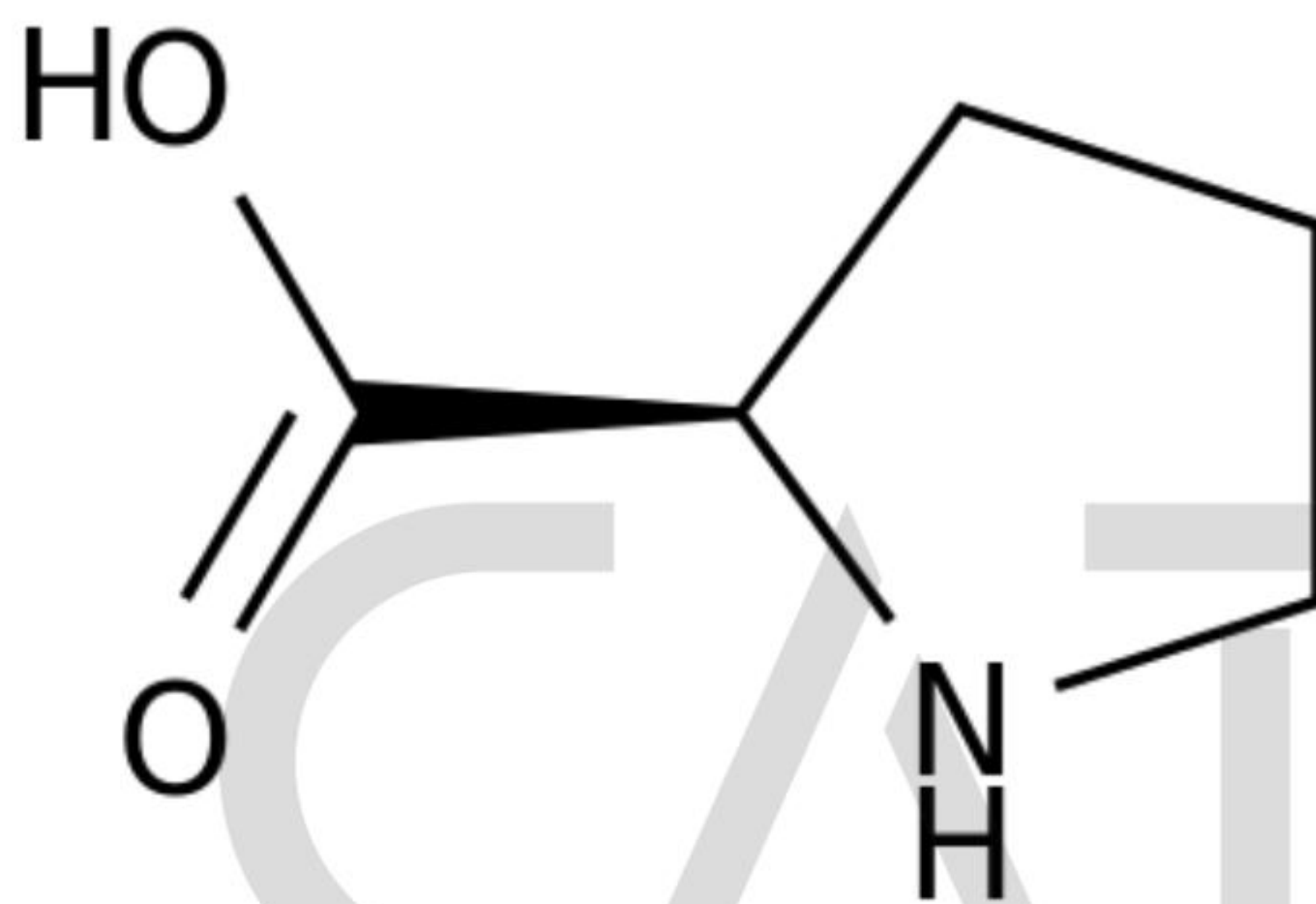


Certificate of Analysis

Reference Material & Standard

Product Name:	Captopril Impurity 38	Catalogue Number:	C4X-119038
Synonyms:	D-Proline	Lot Number:	0711-RG-0001
CAS Number:	344-25-2	Expiry Date:	Jul 10, 2029
Molecular Formula:	C ₅ H ₉ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	115.13	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&HNMR	Confirmed
Purity	ELSD	100.000%
Loss On Drying	TGA	3.4614%
Assay		96.5%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity ELSD (%) / 100%

Loss On Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 11, 2025

Date: Jul 11, 2025

Date: Jul 11, 2025

