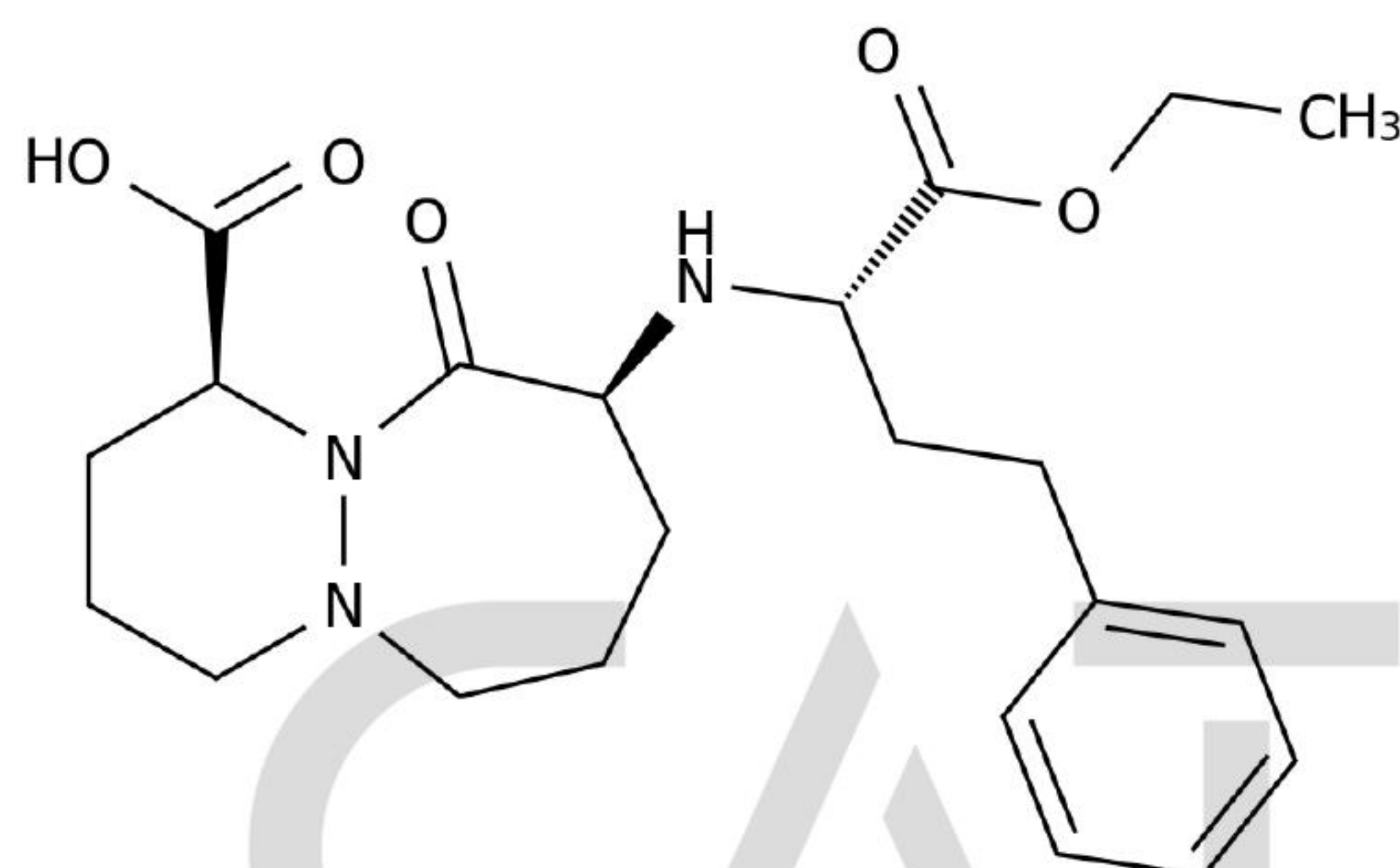


Certificate of Analysis

Reference Material

Product Name:	Cilazapril	Catalogue Number:	CCAD302774
Chemical Name:	N/A	Lot Number:	0509-RD-0027
CAS Number:	88768-40-5	Expiry Date:	Oct 23, 2025
Molecular Formula:	C ₂₂ H ₃₁ N ₃ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	417.50		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.00%
Water Content	Karl Fischer	4.2%
Assay		95.8%
Uncertainty		±2.0%

Comment:

1. No chromatogram available.
2. The calculation of the 100% method follows the formula:

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity HPLC (\%)} / 100\%$$
 Water Content is considered as absolute effect, HPLC purity is considered as relative effect.
3. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Xenia

Reviewed by:

Cady

Aporoved by General manager:

David

Date: Oct 22, 2021

Date: May 13, 2022

Date: May 13, 2022

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