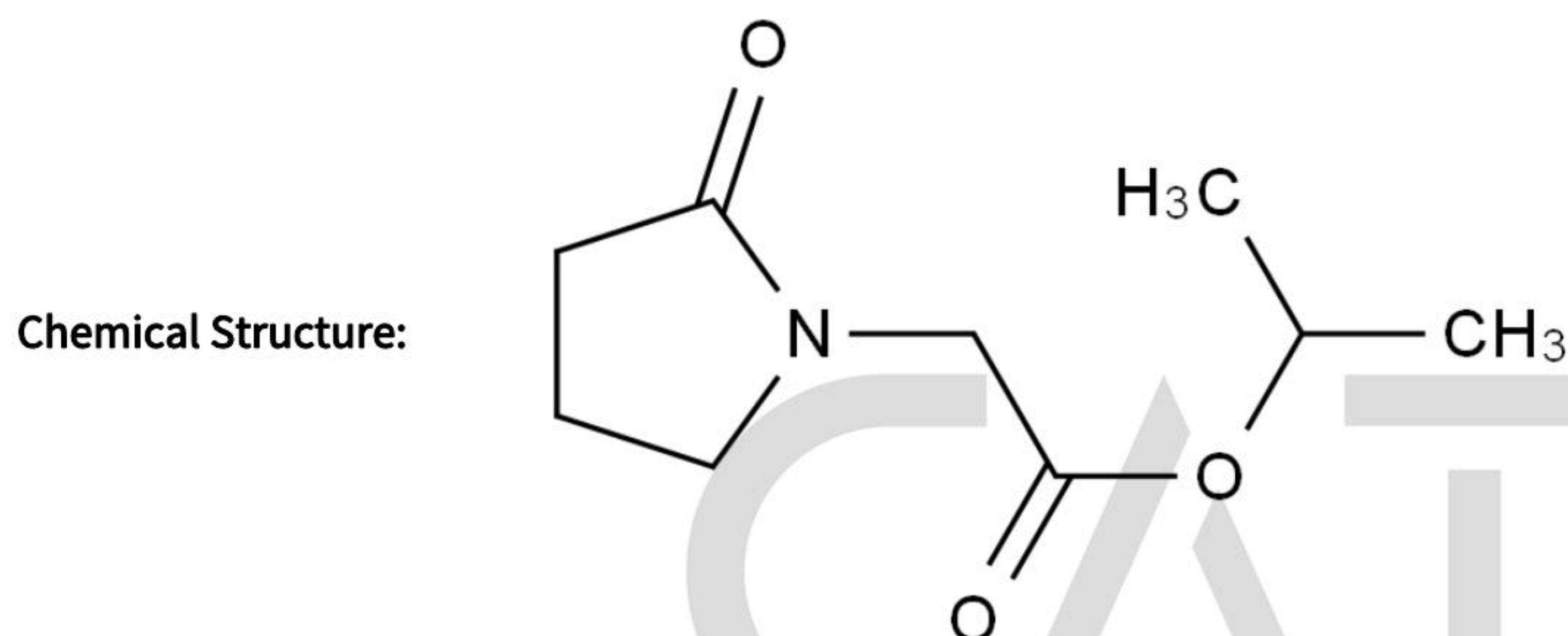


Certificate of Analysis

Reference Material & Standard

Product Name:	Captopril Impurity 37(Piracetam Impurity E)	Catalogue Number:	C4X-119037
Synonyms:	isopropyl 2-(2-oxopyrrolidin-1-yl)acetate	Lot Number:	0229-RF-0035
CAS Number:	1249080-59-8	Expiry Date:	Feb 27, 2027
Molecular Formula:	C ₉ H ₁₅ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	185.22		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.774%
Water Content	Karl Fischer	0.52%
Assay		98.3%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aporoved by General Manager:

David

Date: Mar 01, 2024

Date: Mar 01, 2024

Date: Mar 01, 2024

