

Certificate of Analysis

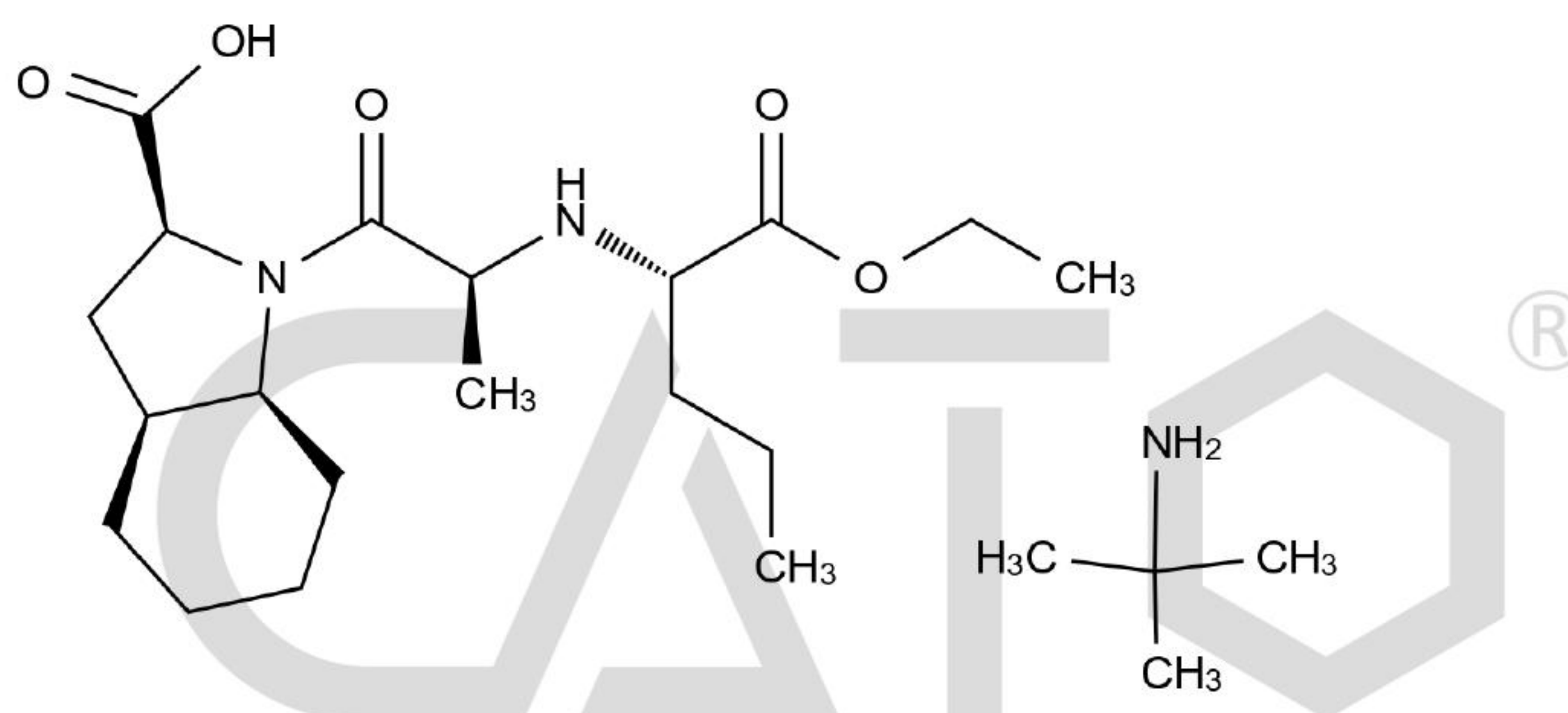
Reference Material & Standard

Product Name:	Perindopril Erbumine	Catalogue Number:	CCAD302255
Synonyms:	N/A	Lot Number:	0413-RD-0003
CAS Number:	107133-36-8	Expiry Date:	Apr 14, 2026
Molecular Formula:	C ₁₉ H ₃₂ N ₂ O ₅ C ₄ H ₁₁ N	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	368.47 73.14		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.000%
Loss on Drying	TGA	1.2242%
Assay		98.8%
Uncertainty		±2.0%

Comment:

- Mixture of isomers.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity ELSD (\%)} / 100\%$$
 Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.
- 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:

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Date: Apr 15, 2022

Date: Apr 19, 2022

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