

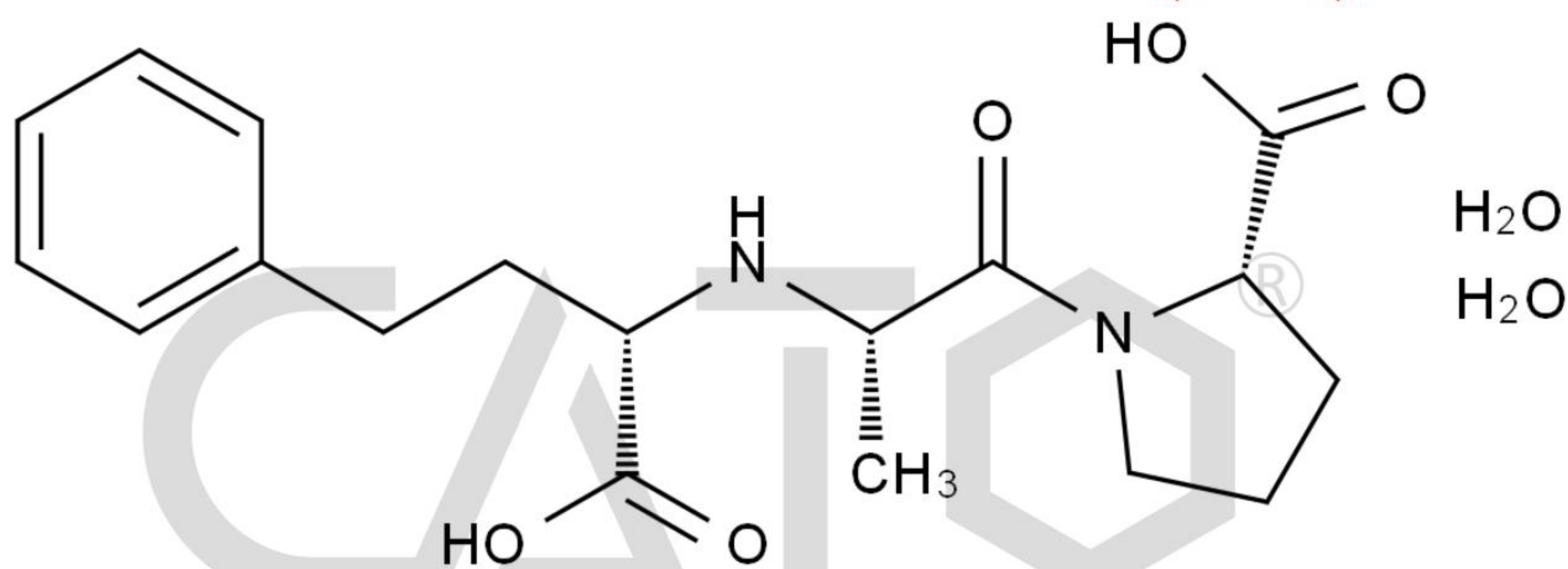
Certificate of Analysis

Reference Material & Standard

Product Name:	Enalapril EP Impurity C(Hydrate)	Catalogue Number:	C4X-133411
Synonyms:	N/A	Lot Number:	0705-RH-0115
CAS Number:	84680-54-6	Expiry Date:	Jul 07, 2030
Molecular Formula:	C ₁₈ H ₂₄ N ₂ O ₅ · 2H ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	348.39 · 2 · 18.02	Shipping Condition:	Shipping at Room Temperature
Solubility:	Water	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.675%
Water Content	Karl Fischer	7.0932%
Assay (anhydrous, as-is)		92.6%

Comment:

- The content of crystal water is 9.3749%.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) \times \text{Purity HPLC (\%)} / 100\%$$
 Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 08, 2026

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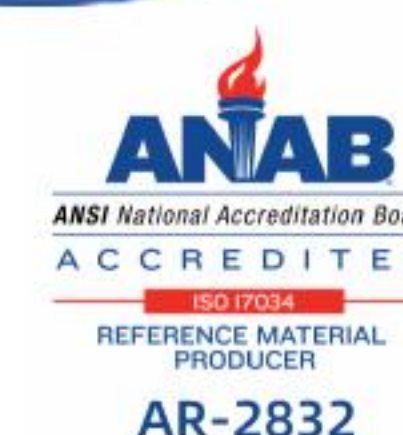
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