

# CERTIFICATE OF ANALYSIS

(Certificate No. KME009013-01)

Release Date: 02/01/2023

Re-test Date: 01/01/2026

## Enalapril EP Impurity H

### Identification

**Chemical Name :**  
(S)-4-Cyclohexyl-1-ethoxy-1-oxobutan-2-yl-L-alanyl-L-proline

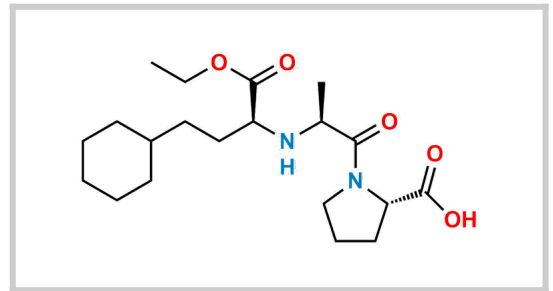
**Alt. Name** : Enalapril Cyclohexyl Analog

**CAT No.** : KME009013

**CAS No.** : 2055735-10-7

**Molecular Formula** : C<sub>20</sub>H<sub>34</sub>N<sub>2</sub>O<sub>5</sub>

**Molecular Weight** : 382.5



### Analytical Information

**Batch No.** : ENA-EPH-030-370

**Description** : Colorless Semi Solid

**HPLC Purity** : 95.94 %

**Weight Loss By TGA** : 1.47 %

**% Potency** : 94.53 %

**Solubility** : ACN : Water (1:1)

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 1.47(Weight Loss By TGA)] x [95.94(HPLC Purity)]/100 = 94.53 %

Remarks : COA Re-generated on 21.10.2024

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		21/10/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		21/10/2024

**Attachments** : COA, HPLC, MASS, 1HNMR, IR and TGA