# CERTIFICATE OF ANALYSIS

(Certificate No. KME009013-02)

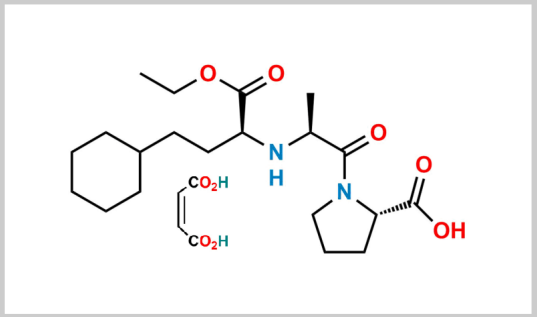
**Release Date:** 25/08/2025 **Re-test Date:** 24/08/2028

## Enalapril Cyclohexyl Analog

## Identification

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

| | |
|---|---|
| **Alt. Name** | : Enalapril Cyclohexyl Analog |
| **CAT No.** | : KME009013 |
| **CAS No.** | : Not Available ; 2055735-10-7 (free base) |
| **Molecular Formula** | : C20H34N2O5 : C4H4O4 |
| **Molecular Weight** | : 382.5 : 116.1 |




## Analytical Information

| | |
|---|---|
| **Batch No.** | : E009013-102-230 |
| **Description** | : White Solid |
| **HPLC Purity** | : 99.54 % |
| **Weight Loss By TGA** | : 0.73 % |
| **% Potency** | : 98.81 % |
| **Solubility** | : ACN : WATER (85:15) |
| **Mass** | : Confirm |
| **IR** | : Confirm |
| **1H 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 - 0.73(Weight Loss By TGA)] x [99.54(HPLC Purity)]/100 = 98.81 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 25/08/2025 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 25/08/2025 |

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