# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMB037005-01)

**Release Date:** 06/12/2024 **Re-test Date:** 05/12/2027

## **Benazepril Related Compound A**

### **Identification**

#### **Chemical Name:**

(3R)-3-[[(1R)-1-(ethoxycarbonyl)-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid hydrochloride

**Alt. Name** : Benazepril USP Related Compound A

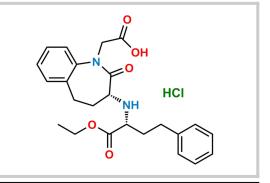
**CAT No.** : KMB037005

**CAS No.** : 131064-75-0 (free base) :

215447-89-5 (HCl salt)

Molecular Formula : C24H28N2O5 : HCl

 $\textbf{Molecular Weight} \hspace{0.5cm} : 424.5:36.5$ 



## **Analytical Information**

Batch No. : B037005-091-064 Solubility : Water : Methanol

(1:1)

**Description** : Light Yellow Solid

HPLC Purity : 97.70 % Mass : Confirm

Weight Loss By TGA : 1.52 % IR : Confirm

**% Potency** : 96.21 % **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 - 1.52(Weight Loss By TGA)] x [97.70(HPLC Purity)]/100 = 96.21 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		06/12/2024

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