# **CERTIFICATE OF ANALYSIS**

(Certificate No. KML007012-01)

**Release Date:** 29/11/2024 **Re-test Date:** 28/11/2027

## Lisinopril EP Impurity D

### **Identification**

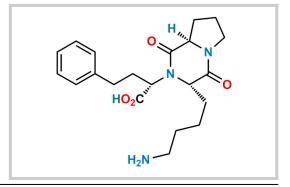
#### **Chemical Name:**

(2S)-2-[(3S,8aR)-3-(4-aminobutyl)-1,4-dioxohexahydropyrrolo[1,2-a]pyrazin-2(1H)-yl]-4-phenylbutanoic acid (as per EP)

**Alt. Name** : R,S,S-diketopiperazine (EP)

**CAT No.** : KML007012 **CAS No.** : 219677-82-4 **Molecular Formula** : C21H29N3O4

Molecular Weight : 387.5



## **Analytical Information**

Description: Off White SolidMass: ConfirmHPLC Purity: 99.48 %IR: ConfirmWeight Loss By TGA: 1.84 %1H NMR: Confirm

**% Potency** : 97.65 %

### **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 - 1.84(Weight Loss By TGA)] x [99.48(HPLC Purity)]/100 = 97.65 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		29/11/2024

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