## **CERTIFICATE OF ANALYSIS**

(Certificate No. KMH027002-01)

**Release Date:** 30/12/2024 **Re-test Date:** 29/12/2027

# **Histidine EP Impurity A**

### **Identification**

#### **Chemical Name:**

(2S)-2-Amino-3-(4-hydroxyphenyl)propanoic acid (as per EP)

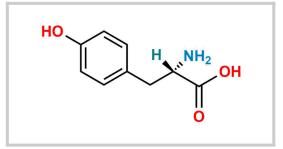
**Alt. Name** : Tyrosine (EP) ; L-Tyrosine (USP)

**CAT No.** : KMH027002

**CAS No.** : 60-18-4

Molecular Formula : C9H11NO3

**Molecular Weight** : 181.2



## **Analytical Information**

Batch No. : H027002-091-100 **Solubility** : DMSO **Description** : White Solid **Mass** : Confirm **GC Purity** : 100.0 % IR : Confirm Weight Loss By TGA : 0.07 % 1H NMR : Confirm

**% Potency** : 99.93 %

### **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 - 0.07(Weight Loss By TGA)] x [100.0(GC Purity)]/100 = 99.93 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		10/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/01/2025

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