

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)

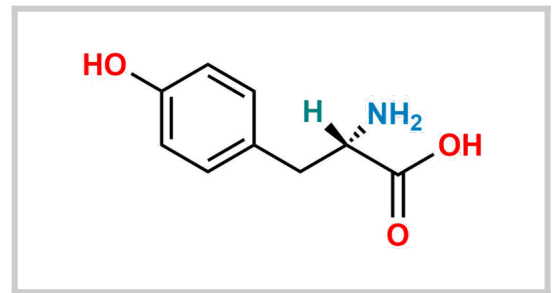
Alt. Name : Tyrosine (EP) ; L-Tyrosine (USP)

CAT No. : KMH027002

CAS No. : 60-18-4

Molecular Formula : C₉H₁₁NO₃

Molecular Weight : 181.2



Analytical Information

Batch No. : H027002-091-100

Description : White Solid

GC Purity : 100.0 %

Weight Loss By TGA : 0.07 %

% Potency : 99.93 %

Solubility : DMSO

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 = $[100 - 0.07(\text{Weight Loss By TGA})] \times [100.0(\text{GC Purity})]/100 = 99.93 \%$

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, ¹H NMR, IR and TGA