CERTIFICATE OF ANALYSIS

(Certificate No. KMT203005-01)

Release Date: 02/09/2025 **Re-test Date:** 01/09/2028

Tryptophan

Identification

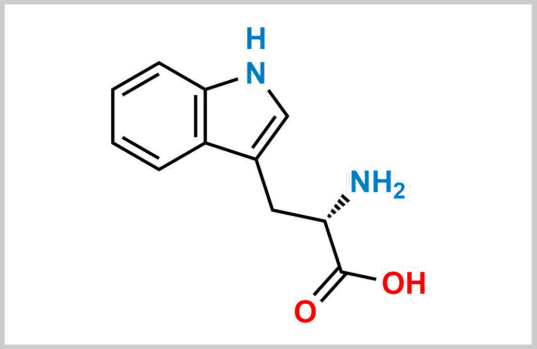
Chemical Name :
L-tryptophan

CAT No. : KMT203005

CAS No. : 73-22-3

Molecular Formula : C11H12N2O2

Molecular Weight : 204.2



Analytical Information

Batch No. : ERW403

Description : White Solid

HPLC Purity : 98.31 %

Weight Loss By TGA : 0.38 %

% Potency : 97.94 %

Solubility : *Refer in Additional information

Mass : Confirm

IR : Confirm

1H NMR : Confirm

13C 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 - 0.38(Weight Loss By TGA)] x [98.31(HPLC Purity)]/100 = 97.94 %
*Solubility: Insoluble in DMF, Acetonitrile and Freely Soluble in 5 mg/1 ml Water, Methanol, DMSO

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Bhargav Kathiriya		04/09/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		04/09/2025

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA