CERTIFICATE OF ANALYSIS

(Certificate No. KMT203005-01)

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

Tryptophan

Identification

Chemical Name:

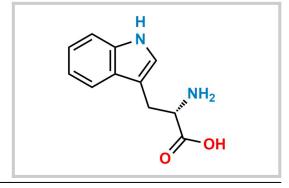
L-tryptophan

CAT No. : KMT203005

CAS No. : 73-22-3

Molecular Formula : C11H12N2O2

Molecular Weight : 204.2



Analytical Information

: ERW403 Batch No. **Solubility** : *Refer in

Additional **Description** : White Solid

information

HPLC Purity : 98.31 % Mass : Confirm

Weight Loss By TGA : 0.38 % IR : Confirm

% Potency : 97.94 % 1H NMR : Confirm

> **13C NMR** : Confirm

Additional Information

: Store at 2-8 deg. C for long term storage **Long Term Storage**

: Product is stable to be Shipped at Room Temperature **Shipping Condition**

% 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