

CERTIFICATE OF ANALYSIS

(Certificate No. KMP097010-01)

Release Date: 04/06/2025

Re-test Date: 03/06/2028

L-VALINE

Identification

Chemical Name :
L-2-Amino-3-methylbutanoic acid

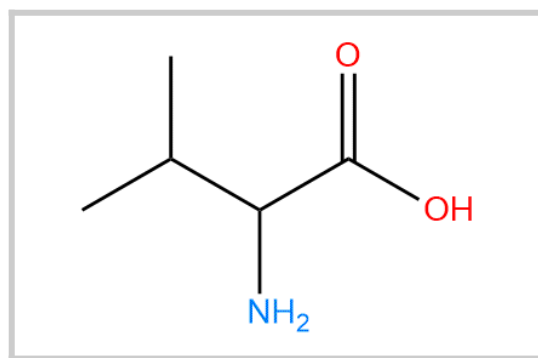
Alt. Name : Valine (EP) ; L-Valine (USP)

CAT No. : KMP097010

CAS No. : 72-18-4

Molecular Formula : C₅H₁₁NO₂

Molecular Weight : 117.1



Analytical Information

Batch No. : L-VAL-030-139

Description : Off White Solid

Assay By Titration : 98.15 %

Weight Loss By TGA : 1.43 %

% Potency : 96.75 %

Solubility : Acetonitrile

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 - 1.43(Weight Loss By TGA)] x [98.15(Assay By Titration)]/100 = 96.75 %
-Re-tested on 04.06.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		06/06/2025

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