CERTIFICATE OF ANALYSIS

(Certificate No. KMP097010-01)

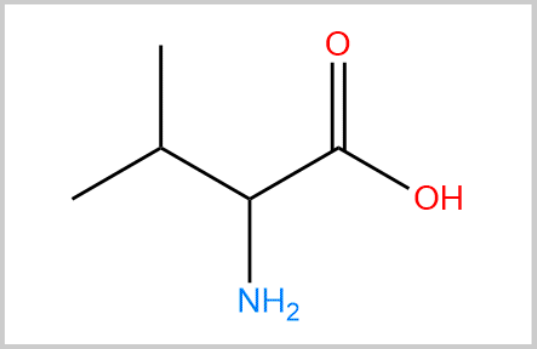
Release Date: 04/06/2025 **Re-test Date:** 03/06/2028

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	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
Assay By Titration	: 98.15 %	**IR**	: Confirm
Weight Loss By TGA	: 1.43 %	**1H NMR**	: Confirm
% Potency	: 96.75 %		

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