

# **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

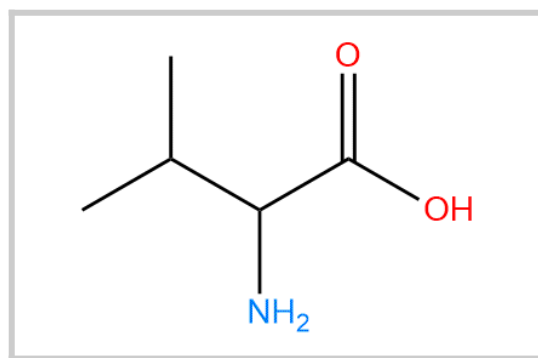
**Alt. Name** : Valine (EP) ; L-Valine (USP)

**CAT No.** : KMP097010

**CAS No.** : 72-18-4

**Molecular Formula** : C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>

**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

**<sup>1</sup>H 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, <sup>1</sup>HNMR, IR and TGA