CERTIFICATE OF ANALYSIS

(Certificate No. KME008017-01)

Release Date: 30/08/2025 **Re-test Date:** 29/08/2028

2-Aminoisobutyric acid

Identification

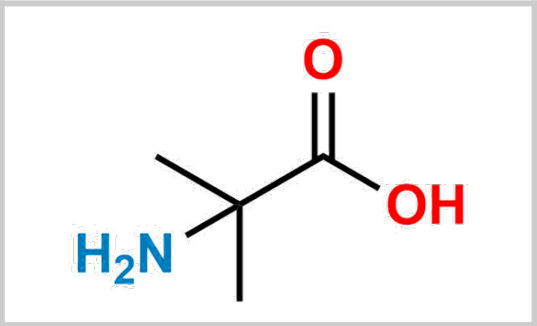
Chemical Name :
2-Aminoisobutyric acid

CAT No. : KME008017

CAS No. : 62-57-7

Molecular Formula : C4H9NO2

Molecular Weight : 103.1



Analytical Information

Batch No. : ELA278

Description : White Crystalline Solid

HPLC Purity : 98.66 %

Weight Loss By TGA : 0.31 %

% Potency : 98.35 %

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 - 0.31(Weight Loss By TGA)] x [98.66(HPLC Purity)]/100 = 98.35 %
*Solubility: Insoluble in DMSO,DMF, Acetonitrile, Methanol and Freely Soluble in 5 mg/1 ml Water

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