

CERTIFICATE OF ANALYSIS

(Certificate No. KMP004111-01)

Release Date: 29/01/2026

Re-test Date: 28/01/2029

3-Isobutylpentanediamide

Identification

Chemical Name :

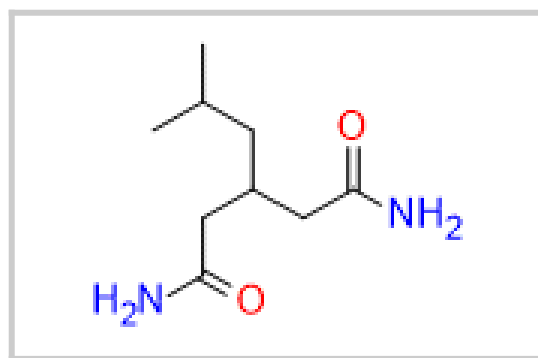
3-isobutylpentanediamide

CAT No. : KMP004111

CAS No. : 1262340-21-5

Molecular Formula : C₉H₁₈N₂O₂

Molecular Weight : 186.26



Analytical Information

Batch No. : P004111-114-129

Solubility : ACN

Description : White solid

Mass : Confirm

HPLC Purity : 99.27 %

IR : Confirm

Weight Loss By TGA : 0.32 %

¹H NMR : Confirm

% Potency : 98.95 %

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 - 0.32(Weight Loss By TGA)] x [99.27(HPLC Purity)]/100 = 98.95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		30/01/2026

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