CERTIFICATE OF ANALYSIS

(Certificate No. KMP004111-01)

Release Date: 29/01/2026 **Re-test Date:** 28/01/2029

3-Isobutylpentanediamide

Identification

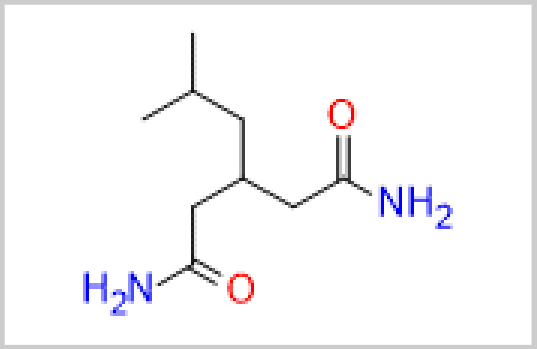
Chemical Name :
3-isobutylpentanediamide

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