

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP004111-01)

**Release Date:** 29/01/2026

**Re-test Date:** 28/01/2029

## **3-Isobutylpentanediamide**

### **Identification**

**Chemical Name :**

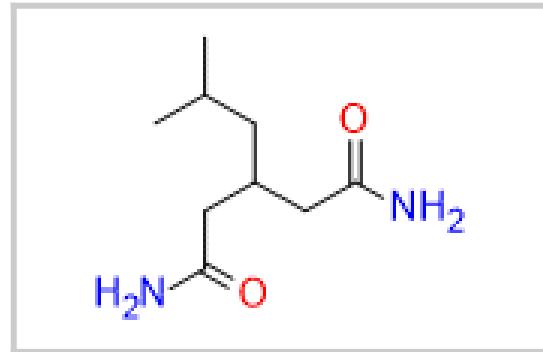
3-isobutylpentanediamide

**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

	<b>Department</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared By</b>	Analytical	Jignesh Patel		30/01/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		30/01/2026

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