

CERTIFICATE OF ANALYSIS

(Certificate No. KMP004064-03)

Release Date: 20/05/2026

Re-test Date: 19/05/2029

3-ISOBUTYL GLUTARIC ACID

Identification

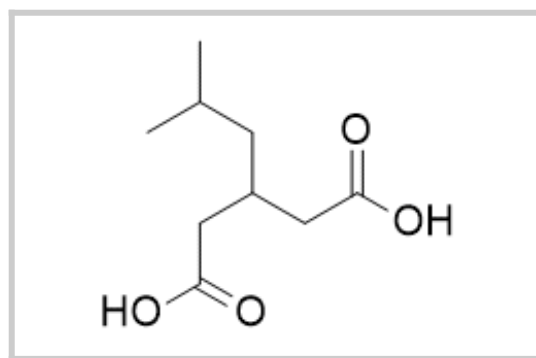
Chemical Name :
3-Isobutylglutaric Acid ; 3-isobutylpentanedioic acid

CAT No. : KMP004064

CAS No. : 75143-89-4

Molecular Formula : C₉H₁₆O₄

Molecular Weight : 188.2



Analytical Information

Batch No. : P004064-114-339

Description : White Solid

HPLC Purity : 98.18 %

Weight Loss By TGA : 2.14 %

% Potency : 96.08 %

Solubility : ACN

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 - 2.14(Weight Loss By TGA)] x [98.18(HPLC Purity)]/100 = 96.08 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/05/2026
Reviewed & Approved By	Quality Control	Parag Vekariya		20/05/2026

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR, IR and TGA