CERTIFICATE OF ANALYSIS

(Certificate No. KMP004064-03)

Release Date: 20/05/2026 **Re-test Date:** 19/05/2029

3-ISOBUTYL GLUTARIC ACID

Identification

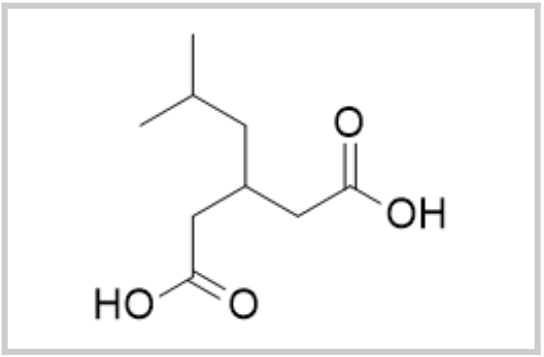
Chemical Name :
3-Isobutylglutaric Acid ; 3-isobutylpentanedioic acid

CAT No. : KMP004064

CAS No. : 75143-89-4

Molecular Formula : C9H16O4

Molecular Weight : 188.2



Analytical Information

Batch No.	: P004064-114-339	**Solubility**	: ACN
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 98.18 %	**IR**	: Confirm
Weight Loss By TGA	: 2.14 %	**1H NMR**	: Confirm
% Potency	: 96.08 %	**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, 1HNMR, 13CNMR, IR and TGA