

CERTIFICATE OF ANALYSIS

(Certificate No. KMG047011-01)

Release Date: 31/12/2024

Re-test Date: 30/12/2027

L-Glutamic Acid

Identification

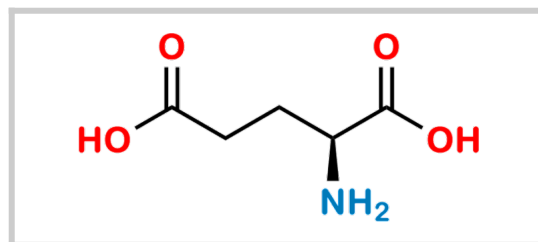
Chemical Name :
L-Glutamic acid

CAT No. : KMG047011

CAS No. : 56-86-0

Molecular Formula : C₅H₉NO₄

Molecular Weight : 147.1



Analytical Information

Batch No. : G047011-091-105

Description : White Solid

HPLC Purity : 99.85 %

Weight Loss By TGA : 0.03 %

% Potency : 99.82 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H 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 - 0.03(Weight Loss By TGA)] x [99.85(HPLC Purity)]/100 = 99.82 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/01/2025

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