

CERTIFICATE OF ANALYSIS

(Certificate No. KMG047014-03)

Release Date: 23/04/2026

Re-test Date: 22/04/2029

L-Pyroglutamic Acid

Identification

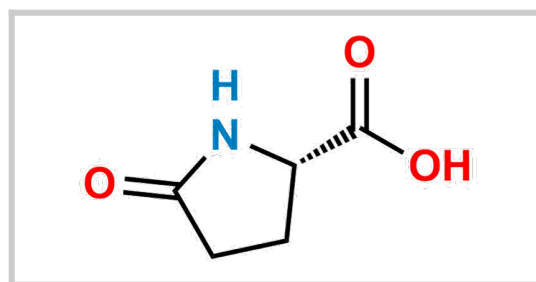
Chemical Name :
(S)-5-Oxopyrrolidine-2-carboxylic acid

CAT No. : KMG047014

CAS No. : 98-79-3

Molecular Formula : C₅H₇NO₃

Molecular Weight : 129.1



Analytical Information

Batch No. : G047014-114-272

Description : Off White Solid

HPLC Purity : 99.75 %

Weight Loss By TGA : 18.01 %

% Potency : 81.79 %

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 - 18.01(Weight Loss By TGA)] x [99.75(HPLC Purity)]/100 = 81.79 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		23/04/2026

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