

CERTIFICATE OF ANALYSIS

(Certificate No. KMG047014-02)

Release Date: 18/12/2024

Re-test Date: 17/12/2027

L-Pyroglutamic Acid

Identification

Chemical Name :

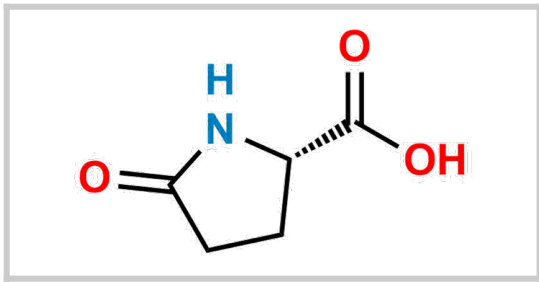
(S)-5-Oxopyrrolidine-2-carboxylic acid

CAT No. : KMG047014

CAS No. : 98-79-3

Molecular Formula : C₅H₇NO₃

Molecular Weight : 129.1



Analytical Information

Batch No. : G047014-091-087

Description : Off White Solid

HPLC Purity : 99.82 %

Weight Loss By TGA : 1.83 %

% Potency : 97.99 %

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 - 1.83(Weight Loss By TGA)] x [99.82(HPLC Purity)]/100 = 97.99 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		20/12/2024

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