

CERTIFICATE OF ANALYSIS

(Certificate No. KMF006006-02)

Release Date: 09/06/2025

Re-test Date: 08/06/2028

Folic acid Impurity A

Identification

Chemical Name :

(2S)-2-(4-Aminobenzamido)pentanedioic acid (as per EP)

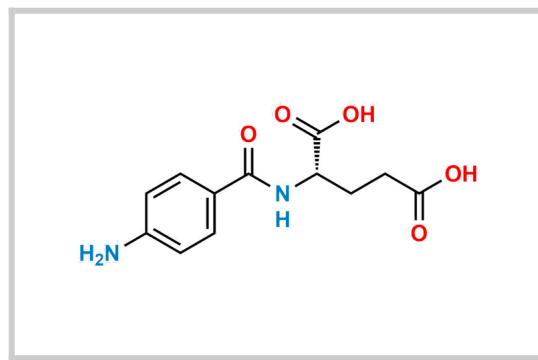
Alt. Name : N-(4-aminobenzoyl)-L-glutamic acid (EP) ; 4-Aminobenzoylglutamic Acid (USP)

CAT No. : KMF006006

CAS No. : 4271-30-1

Molecular Formula : C₁₂H₁₄N₂O₅

Molecular Weight : 266.3



Analytical Information

Batch No. : F006006-102-052

Description : Light Yellow Solid

HPLC Purity : 97.91 %

Weight Loss By TGA : 1.28 %

% Potency : 96.66 %

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 - 1.28(Weight Loss By TGA)] x [97.91(HPLC Purity)]/100 = 96.66 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/06/2025

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