CERTIFICATE OF ANALYSIS

(Certificate No. KMF006006-02)

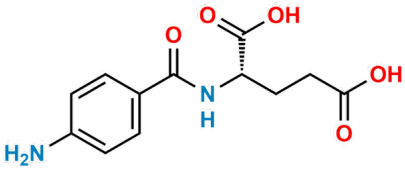
Release Date: 09/06/2025 **Re-test Date:** 08/06/2028

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	**Solubility**	: Water
Description	: Light Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 97.91 %	**IR**	: Confirm
Weight Loss By TGA	: 1.28 %	**1H NMR**	: Confirm
% Potency	: 96.66 %		

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