

CERTIFICATE OF ANALYSIS

(Certificate No. KMF006009-01)

Release Date: 05/12/2024

Re-test Date: 04/12/2027

Pteroiic Acid

Identification

Chemical Name :

4-[[[(2-Amino-4-oxo-1,4-dihydropteridin-6-yl)methyl]amino]benzoic acid (as per EP)

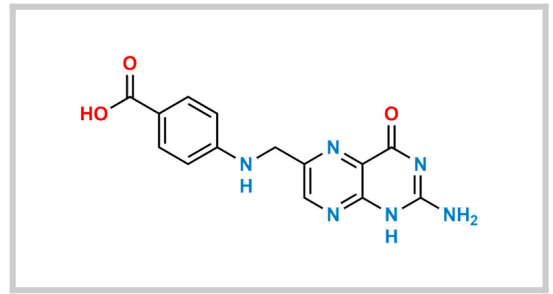
Alt. Name : Pteroiic acid (EP)

CAT No. : KMF006009

CAS No. : 119-24-4

Molecular Formula : C₁₄H₁₂N₆O₃

Molecular Weight : 312.3



Analytical Information

Batch No. : F006009-091-057

Description : Yellow Solid

HPLC Purity : 95.92 %

Weight Loss By TGA : 0.41 %

% Potency : 95.53 %

Solubility : 0.1N NaOH

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 - 0.41(Weight Loss By TGA)] x [95.92(HPLC Purity)]/100 = 95.53 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		05/12/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA