

# CERTIFICATE OF ANALYSIS

(Certificate No. KMF006009-01)

Release Date: 05/12/2024

Re-test Date: 04/12/2027

## Pterioic Acid

### Identification

**Chemical Name :**

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

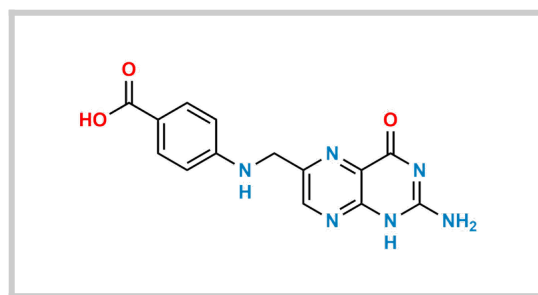
**Alt. Name** : Pterioic acid (EP)

**CAT No.** : KMF006009

**CAS No.** : 119-24-4

**Molecular Formula** : C<sub>14</sub>H<sub>12</sub>N<sub>6</sub>O<sub>3</sub>

**Molecular Weight** : 312.3



### Analytical Information

**Batch No.** : F006009-091-057

**Solubility** : 0.1N NaOH

**Description** : Yellow Solid

**Mass** : Confirm

**HPLC Purity** : 95.92 %

**IR** : Confirm

**Weight Loss By TGA** : 0.41 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 95.53 %

### 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, <sup>1</sup>HNMR, IR and TGA