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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

Re-test Date: Jun 2028

**Product Name: Folic acid EP Impurity D**

### Identification:

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

Synonyms : Pteric acid (EP)

CAS Number : 119-24-4

CAT Number : CP-F5004

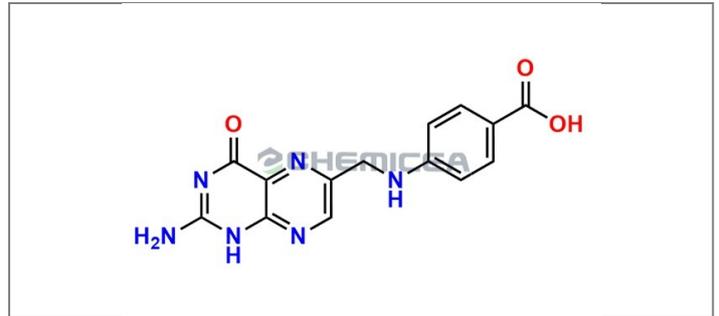
Molecular Formula : C<sub>14</sub>H<sub>12</sub>N<sub>6</sub>O<sub>3</sub>

Molecular Weight : 312.28

Batch Number : CP-FOL-D-0725

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Light Brown to Brown Solid
2)	Solubility	Soluble in Methanol/ NaOH /H <sub>2</sub> O (7:2:1)
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.67%
5)	<sup>1</sup> HNMR	Confirm to structure



### Prepared and Reviewed By



Ms Priyanka Salunkhe  
(Quality Control)

### Approved By



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.