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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

Re-test Date: Jun 2028

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

### Identification:

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

Synonyms : N-(4-aminobenzoyl)-L-glutamic acid (EP) ; 4-Aminobenzoylglutamic Acid (USP)

CAS Number : 4271-30-1

CAT Number : CP-F5001

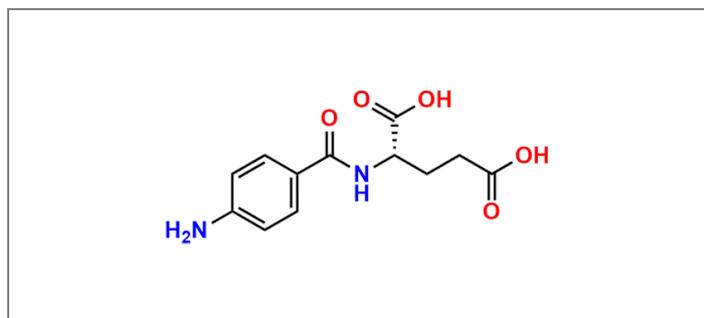
Molecular Formula : C<sub>12</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub>

Molecular Weight : 266.25

Batch Number : CP-FOL-ACIA-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	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.35%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	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.