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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Methotrexate EP Impurity K

Identification:

Chemical Name: (2S)-2-[(4-aminobenzoyl)amino]pentanedioic acid (as per EP)

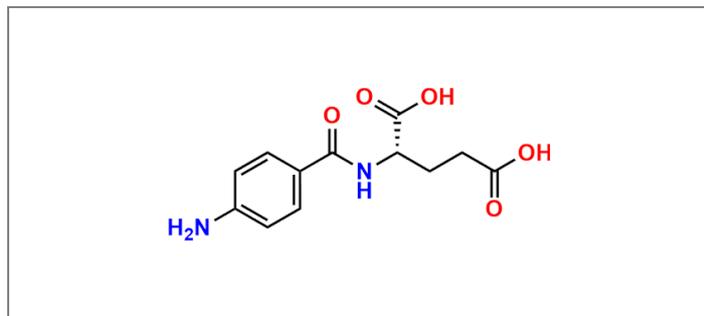
Synonyms : NA

CAS Number : 4271-30-1

CAT Number : CP-M12011

Molecular Formula : C₁₂H₁₄N₂O₅

Molecular Weight : 266.25



Analytical Information:

| Sr. No. | Test | Result |
|---------|--------------------|--------------------------|
| 1) | Description | Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | >95% |
| 5) | ¹ HNMR | Confirm to structure |
| 6) | Weight loss by TGA | - |
| 7) | Potency by TGA | - |



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.