

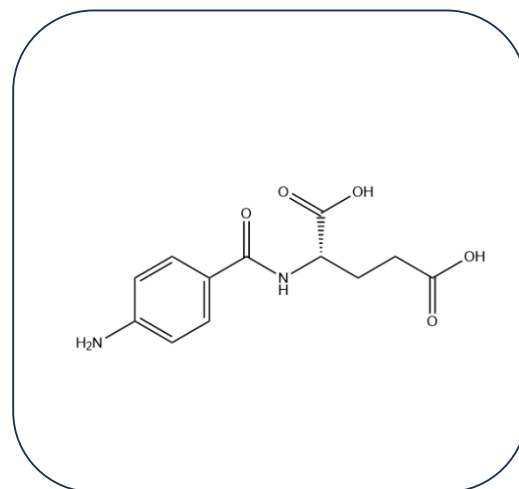
Certificate of Analysis

Catalogue Number

KL-02-01173

Lot Number

KLAH00023

Structure

Product Name

Folic Acid EP Impurity A

Synonyms

N-(p-Aminobenzoyl)glutamic Acid; N-(p-Aminobenzoyl)-L(+)-glutamic Acid; NSC 71042; Methotrexate Impurity K

CAS Number

4271-30-1

Molecular Formula
 $C_{12}H_{14}N_2O_5$
Molecular Weight

266.25 g/mol

Mfg. Date

23-08-2025

Re-Test Date

22-08-2030

Shipping Condition

All Product are stable to be shipped at room temperature, unless otherwise specified.

Long Term Storage Conditions

2°C ~ 8°C Protected from light and Sealed

Analytical Information

Test	Specifications	Results
Appearance	Light Beige Solid	Light Beige Solid
Solubility	Soluble in DMSO, MeOH	in DMSO, MeOH
Purity by HPLC	Not less than 90.00%	99.80%
Identification by ¹ HNMR	Conforms to structure	Complies
Identification by Mass	Conforms Molecular Weight	Complies
Identification by IR	Conform functional groups	Complies
Weight Content By TGA	Not specified	0.124%
Residue of Ignition By TGA	Not specified	23.378%
Potency by TGA	Not specified	76.39%


 Approved By B Kishore

Note: Use for research & analytical purpose only. Not for human consumption