



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

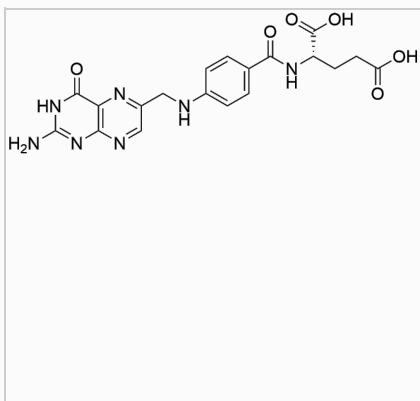
Catalogue Number: F680300

CAS Number: 59-30-3

Product: Folic Acid

Synonym: N-[4-[(2-Amino-3,4-dihydro-4-oxo-6-pteridiny)l)methyl]amino]benzoyl]-L-glutamic Acid; Acifolic; Aspol; Cytofol; Folacid; Folacin; Folbal; Folcidin; Foldine; Folettes; Foliamin; Folicet; Folipac; Folovit; Folsan; Folsaure; Folsav; Folvite; Incafol; Millafol; Pteroyl-L-monoglutamic Acid; Pteroylglutamic Acid; Pteroylmonoglutamic Acid; Vitamin Bc; Vitamin Be; Vitamin M; NSC 3073;

Structure:



Molecular Formula:

C₁₉H₁₉N₇O₆

Molecular weight:

441.4

Source of Product:

NA

Solubility:

Aqueous Base (Slightly),
DMSO (Slightly, Heated),
Methanol (Slightly)

Lot Number: 1-HBN-176-1

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1: Hygroscopic

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Yellow to Dark Yellow Solid	Dark Yellow Solid
Specific Rotation	Report Result	+17.2° (c = 0.5, 0.1N NaOH)
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms

Additional Information:

TLC Conditions: C18; Acetonitrile : Ammonium Hydroxide : Water = 8 : 1 : 1; Visualized with UV, Naked Eye, and KMnO₄; R_f = 0.60.

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Neha Khanna	Toni Rantanen	My Nguyen	12/20/2019	12/18/2026

