



FOLIC ACID

CHEMICAL NAME | N4-(2-amino-4-oxopteridin-6-yl) methylaminobenzoyl-L-glutamic acid

MOLECULAR FORMULA | $C_{19}H_{19}N_7O_6$

MOLECULAR WEIGHT | 441.40

DESCRIPTION | Folic Acid is a valuable member of the B vitamin family widely used in feed, food and nutraceutical applications. It is found naturally in many foods including dark leafy vegetables and a variety of fruits. Many foods including fortified breakfast cereals contain Folic Acid for its health benefits. A yellow or orange yellow crystalline powder, odorless and tasteless, insoluble in water, ethanol, acetone, chloroform and ether, but freely soluble in dilute solutions of alkali hydroxides or carbonates.

SUGGESTED USAGE/APPLICATIONS

- ▶ Premixes
- ▶ Animal Nutrition
- ▶ Animal Feedstock

TEST ITEM

SPECIFICATION

Purity (on Dry Basis)

96.0% ~ 102%

Loss on Drying

5.0% ~ 8.5%

Residue on Ignition

≤ 0.2%

Free Amines

Meets the Requirements

Solubility

Meets the Requirements

NiuSource Folic Acid meets all the requirements of the current FCC.



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