



Niutang Folic Acid: USP/NF Grade Powder

FORMULA: C₁₉H₁₉N₇O₆

MOLECULAR WEIGHT: 441.40

FLASHPOINT: Not Applicable

CAS No.: 59-30-3

DESCRIPTION:

Folic acid is N- [4- [(2-Amino-1,4-dihydro-4-oxo-6- pteridinyl) methyl] amino] benzoyl] - L-glutamic Acid. It occurs as yellow or yellow-orange crystals or crystalline powder. About 1.6 mg dissolves in 1 L of water. It is insoluble in acetone, alcohol, chloroform, and ether, but dissolves in solutions of alkali hydroxides and carbonates. This material is Kosher/Pareve and Halal certified.

SUGGESTED USES/APPLICATIONS:

Nutritional Supplements, Vitamins, Energy Drinks, Tablets, Liquid Gel Capsules

PACKAGING:

20 or 25 kg cardboard drums with two PE liner bags or as otherwise agreed upon.

SHIPPING & HANDLING:

Recommended to be stored in an odor-free environment. Low humidity conditions are recommended to minimize caking/degradation potentials.

STORAGE:

Folic acid should be stored in a cool, dry ambient environment, protect from light.

SHELF LIFE:

The shelf life of this material is 3 years from the date of manufacture if stored in ambient room temperature conditions, protected from light. Product should be reevaluated if it exceeds expiration date.

STANDARDS:

Test Item	Specification	Test method or Reference
Identification	A _{256/A365} , Between 2.80 and 3.00	USP/NF
Water	≤ 8.5%	USP/NF
Assay (On the anhydrous basis)	97.0% to 102.0%	USP/NF
Residue on Ignition	≤ 0.3%	USP/NF
Related Compounds	≤ 2.0%	USP/NF
Residue Solvents	Meets the Requirements	USP/NF
Total Aerobic Plate Count	≤ 250 CFU/g	GB
Yeast and Mold Count	≤ 100 CFU/g	GB
Coliforms	≤ 3.0 MPN/g	GB
Salmonella	Negative/25g	GB

CFU = Colony Forming Units
MPN = Most Probable Number

GB = National Standard Method
USP/NF = United States Pharmacopeia



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LOT CODING:

Example Lot: B1705075

B =B9 = Folic Acid

17 = Year Manufactured: 2017

05 = Month Manufacture: May

075 = Batch Manufactured:#075

NIUTANG FOLIC ACID NUTRITIONAL DATA:

Nutrient	Per 100 grams
Water (g)	<8.5
Protein (g)	0
Fat (g)	0
Saturated	0
Monounsaturated	0
Polyunsaturated	0
Ash (g)	<0.3
Calories (kcal)	0
Carbohydrates (g)	0
Sugar (g)	0
Dietary Fiber (g)	0
Cholesterol (mg)	0
Alcohols (g)	0
Organic Acids (g)	0
Starch and Polyols	0
Folate (g)	≥97*

This data is calculated from standard analytical data. The zero values are based on process knowledge and raw materials used.

* Based on Anhydrous Basis

This product is suitable for Lacto-Vegetarian, Ovo-Lacto-Vegetarian and Vegan diets.