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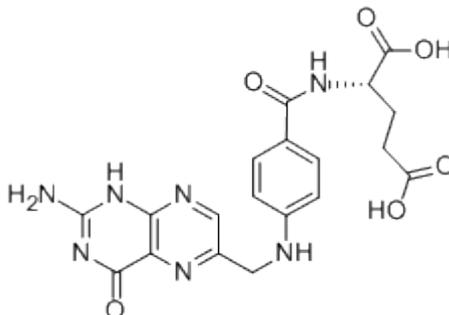
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Technical Data Sheet

Folic acid

Product Information

Chemical Name	Folic acid
CAS #	59-30-3
Formula	C ₁₉ H ₁₉ N ₇ O ₆
Molecular Weight	441.4
Chemical Structure	



Description

Folic acid is a dark yellow substance, not easy to dissolve in water, its sodium solubility. In neutral and alkaline solution on the thermal stability, and in acidic solution temperatures in excess of 100 line decomposition. Folic acid and its sodium salts are destroyed by light in solution.

Physical Properties

Melting point, .	250 °C
Soluble	1.6 mg/L (25 °C)

Specification

Item	Pharma grade
Appearance	Yellow or orange crystalline powder
Identification	
Ultraviolet absorption	
A256/A365	2.80~3.00
Water, %	≤8.50
Residue on Ignition, %	≤0.30

Chromatographic purity, %	≤2.0
Organic volatile impurities, %	Meet the requirements
Assay, %	97.0~102.0
Total plate count, cfu/g	≤1000
Coliforms, MPN/ 100g	≤30
Salmonella	Negative
Mold & Yeast, cfu/g	≤100

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Application:

Folic acid is used in feed, medicine, and food, but is mainly used in feeds.

- 1,As a food additive. Can be used in pregnant women and infant food, special food in lactating women
- 2,Folic acid is an anti anemia drug. Lack of folic acid in livestock and poultry, anorexia, growth retardation, poor growth feathers.
- 3,Used as a biochemical reagent, also used in the pharmaceutical industry

Packaging

- 25kg per fiber drum
- 9mt per 20ft container

Storage & Handling

- Do not store in direct sunlight. Store in a tightly closed container.
- Store in a cool, dry, well-ventilated area away from incompatible substances.
- Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation.
- Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Keep container tightly closed.
- Avoid ingestion and inhalation.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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