

## Microvit™ B9 Promix Folic Acid

- **Description**

Microvit™ B9 Promix Folic Acid is a pure folic acid powder that complies with U.S. Pharmacopoeia (USP) requirements. It is a very fine yellow to yellow-orange powder. Microvit™ B9 Promix Folic Acid is formulated for use in premix facilities. It has excellent mixability as well as proven handling and storage characteristics. Microvit™ B9 Promix Folic Acid is used exclusively in the manufacture of animal feed products.
- **Composition**

Folic acid: CAS N° [59-30-3]  
 Chemical formula:  $C_{19}H_{19}N_7O_6$
- **Specifications**

Appearance: very fine powder  
 Color: yellow to yellow-orange  
 Moisture (Karl Fischer): maximum 8.5%  
 Folic acid content: 95-102%

- **Typical analysis\***

Particle Size  
 Below 45 micron: approximately 98%

Mass on Volume  
 Non-tapped: 0.3-0.4 g/cm<sup>3</sup>  
 Tapped: 0.6-1.0 g/cm<sup>3</sup>

Solubility  
 Water: almost insoluble  
 Dilute alkali: soluble

pH (5% solution): 2.4-3.0

\*This data which results from careful tests on representative samples is provided for informational purposes only and does not in any way constitute a guarantee.
- **Packaging**

25 kg drum (200 kg/pallet)
- **Guarantee**

36 months from date of production in original, unopened packaging stored in a cool, dry place.

- **Method of Analysis**

Reference: U.S. Pharmacopoeia (USP)  
 Determination of Folic Acid by High Performance Liquid Chromatography (HPLC)
- **Safety**

Reference: Material Safety Data Sheet (MSDS) Microvit™ B9 Promix Folic Acid