

### Certificate of Analysis

<b>Product Name</b>	Folic acid (Vitamin B9; Vitamin M)
<b>Catalog No.</b>	V5234
<b>Batch No.</b>	V523401

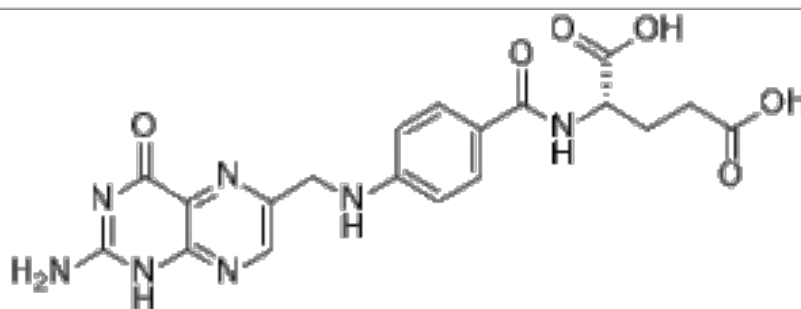
#### 1. Physical and Chemical Properties

<b>Appearance</b>	Light yellow to yellow powder
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>19</sub> N <sub>7</sub> O <sub>6</sub>
<b>Molecular Weight</b>	441.3975
<b>Purity</b>	Assay=98.6%
<b>CAS No.</b>	59-30-3
<b>Production Date</b>	
<b>Retest Date</b>	2029-03-13

#### 2. Analytical Data

Test Item	Specification	Result
<b>Identification</b>	Ultraviolet absorption meets the requirements. The ratio A <sub>256</sub> /A <sub>365</sub> is 2.80–3.00.	Conforms
<b>Assay</b>	97.0%–102.0%	=98.6%
<b>Water</b>	≤8.5%	8.1%
<b>Residue on Ignition</b>	≤0.3%	0.08%
<b>Related compounds</b>	≤2.0%	1.5%
<b>Cadmium</b>	≤1mg/kg	<1mg/kg
<b>Mercury</b>	≤1mg/kg	<1mg/kg
<b>Arsenic</b>	≤3mg/kg	<3mg/kg
<b>Lead</b>	≤2mg/kg	<2mg/kg
<b>Total aerobic plate count</b>	≤250CFU/g	0 CFU/g
<b>Yeast and mold count</b>	≤100CFU/g	<100CFU/g
<b>Coliforms</b>	≤3.0MPN/g	<3.0MPN/g
<b>Salmonella</b>	Negative/25g	Negative
<b>E.Coli</b>	Negative	Negative

#### 3. Structure



#### 4. Storage Condition

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<b>Storage Condition</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month
<b>Note:</b> This product requires protection from light (avoid light exposure) during transportation and storage.			

**Products are for research use only • Not for human or veterinary use**

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