



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-204758
Lot Number: SAMPLE
Product Name: Folic Acid
CAS Number: 59-30-3
Molecular Formula: $C_{19}H_{19}N_7O_6$
Molecular Weight: 441.4

| Test | Specification | Result |
|------------------|--|---------------|
| Appearance | Yellow to orange powder | Yellow powder |
| Purity (TLC) | $\geq 97\%$ | 98% |
| Solubility | Soluble in diluted acidic and alkaline solutions; slightly soluble in water or methanol; almost insoluble in organic solvents. | Complies |
| Carbon Content | 50.4 - 53.0% | 51.9% |
| Nitrogen Content | 21.6 - 22.8% | 22.4% |
| Water Content | $\leq 8.5\%$ | 8.4% |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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