



# CERTIFICATE OF ANALYSIS

Product name: Folic Acid

Batch No.: FA23092032

Manufacturing date: Sep 25, 2023

Reporting date: Sep 27, 2023

Retest date: Sep 24, 2025

Quantity: 200 kg

Package: 20 kg per carton

Package size: 390 × 290 × 600 (mm)

Article No.: 09135

Irradiation / ETO treatment: No

Test Item	Specification	Method	Result
Appearance	Yellow, yellow-brownish, or yellowish-orange, crystalline powder.	USP2023	Yellow, yellow-brownish, or yellowish-orange, crystalline powder
Identification	Ratio: A256/A365: 2.80-3.00	USP2023	Comply
Water	NMT 8.5%	USP2023	8.2%
Residue on ignition	NMT 0.3%	USP2023	0.08%
Residual solvent	No solvent is used or produced in the manufacture of the product.		
Related Compounds	NMT 2.0%	USP2023	Comply
Assay (on anhydrous basis)	97.0% ~ 102.0%	USP2023	98.8%
<b>Heavy metals</b>			
Lead	≤0.5 mg/kg	AAS, in-house	<0.5 mg/kg
Cadmium	≤0.5 mg/kg	AAS, in-house	<0.5 mg/kg
Arsenic	≤0.5 mg/kg	AAS, in-house	<0.5 mg/kg
Mercury	≤0.1 mg/kg	AAS, in-house	<0.1 mg/kg
<b>Microbials</b>			
Total Aerobic Microbial Count	NMT 100 cfu/g	ChP	<100 cfu/g
Total Yeasts and Moulds Count	NMT 10 cfu/g	ChP	<10 cfu/g
E. Coli	Negative	ChP	Negative
Salmonella	Negative	ChP	Negative
S. Aureus	Negative	ChP	Negative
<b>Conclusion:</b> <i>This batch complies with the specification of USP2023 and additional requirements for heavy metals and microbials.</i>			
<b>Remark:</b> Preserve in well-closed, light-resistant containers.			

Reported by: 刘群平

Approved by:

END OF CERTIFICATE