



# CERTIFICATE OF ANALYSIS

Product name: Folic Acid

Batch No.: FA21102009

Manufacturing date: Oct 4, 2022  
Retest date: Oct 3, 2024  
Package: 20 kg per carton  
Article No.: 09130

Reporting date: Oct 8, 2022  
Quantity: 100 kg  
Package size: 390 × 290 × 600 (mm)  
Irradiation / ETO treatment: No

Test Item	Specification	Method	Result
Appearance	Yellow, yellow-brownish, or yellowish-orange, crystalline powder.	USP2021	Yellow, yellow-brownish, or yellowish-orange, crystalline powder
Identification	Ratio: A256/A365: 2.80-3.00	USP2021	Comply
Water	NMT 8.5%	USP2021	8.0%
Residue on ignition	NMT 0.3%	USP2021	0.10%
Residual solvent	No solvent is used or produced in the manufacture of the product.		
Related Compounds	NMT 2.0%	USP2021	Comply
Assay (on anhydrous basis)	97.0% ~ 102.0%	USP2021	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: This batch complies with the specification of USP2021 and additional requirements for heavy metals and microbials.</b>			
<b>Remark:</b> Preserve in well-closed, light-resistant containers.			

Reported by: 刘勤东

Approved by: [Signature]

END OF CERTIFICATE