



CERTIFICATE OF ANALYSIS

Product name: Folic Acid

Batch No.: FA22122037

Manufacturing date: Dec 25, 2022

Reporting date: Dec 29, 2022

Retest date: Dec 24, 2024

Quantity: 300 kg

Package: 20 kg per carton

Package size: 390 × 290 × 600 (mm)

Article No.: 09130

Irradiation / ETO treatment: No

Test Item	Specification	Method	Result
Appearance	Yellow, yellow-brownish, or yellowish-orange, crystalline powder.	USP2022	Yellow, yellow-brownish, or yellowish-orange, crystalline powder
Identification	Ratio: A256/A365: 2.80-3.00	USP2022	Comply
Water	NMT 8.5%	USP2022	8.3%
Residue on ignition	NMT 0.3%	USP2022	0.09%
Residual solvent	No solvent is used or produced in the manufacture of the product.		
Related Compounds	NMT 2.0%	USP2022	Comply
Assay (on anhydrous basis)	97.0% ~ 102.0%	USP2022	99.1%
Heavy metals			
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
Microbials			
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
Conclusion: This batch complies with the specification of USP2022 and additional requirements for heavy metals and microbials.			
Remark: Preserve in well-closed, light-resistant containers.			

Reported by:

Approved by:

END OF CERTIFICATE