



CERTIFICATE OF ANALYSIS

Product name: Biotin

Batch No.: BN26041021

Manufacturing date	Apr 19, 2026	Reporting date	Apr 26, 2026
Retest date	Apr 18, 2029	Article No.	10102
Package	1 kg per bag	Package size	/
Ref. pharmacopoeia(s)	USP2026	Quantity	50 kg

Test Item	Specification	Method	Result
Description	Practically white, crystalline powder.	USP2026	Comply
Identification			
-IR	Consistent with the Reference IR spectrum	USP2026	Comply
-Specific rotation	+89° ~ +93°	USP2026	+90°
-Retention time	Retention time of the major peak corresponds to that of the standard solution	USP2026	Comply
Related Compounds			
-Individual impurity	≤1.0%	USP2026	0.11%
-Total impurities	≤2.0%	USP2026	0.11%
Assay	97.5% ~ 102.0%	USP2026	99.8%
Heavy metals			
Lead	≤0.5 mg/kg	ICP-OES, in-house	<0.5 mg/kg
Cadmium	≤0.5 mg/kg	ICP-OES, in-house	<0.5 mg/kg
Arsenic	≤0.5 mg/kg	ICP-OES, in-house	<0.5 mg/kg
Mercury	≤0.1 mg/kg	ICP-OES, in-house	<0.1 mg/kg
Microbials			
Total Aerobic Microbial Count	NMT 100 cfu/g	ChP2025	<100 cfu/g
Total Yeasts and Moulds Count	NMT 10 cfu/g	ChP2025	<10 cfu/g
E. Coli	Negative	ChP2025	Negative
Salmonella	Negative	ChP2025	Negative
S. Aureus	Negative	ChP2025	Negative
Conclusion: This batch complies with the specification of USP2026 and additional requirements for heavy metals and microbials.			
Remark: Store in tight containers.			

Reported by: 刘勤芳

Approved by: 刘勤芳