



Compounding  
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# Certificate of analysis

## D-Biotin

CAS No	58-85-5	Code	BIOJDBI001
Lot No	BN24071023	Manufacture Date	Jul.29, 2024
Retest Date	Jul.28, 2027	Quantity	5Kgs

Testing Items	Specifications	Results
Appearance	Practically white, crystalline powder	Complies
Identification	IR: Consistent with the Reference IR spectrum	Complies
	Specific rotation: +89 ° ~ +93 °	+90.7 °
	Retention time: Retention time of the major peak corresponds to that of the standard solution	Complies
Related compounds	Individual impurity: ≤1.0%	0.20%
	Total impurities: ≤2.0%	0.20%
Assay	97.5%~102.0% (calculated on the dried basis)	100.0%
Heavy metals	Lead: ≤0.5 mg/kg	<0.5 mg/kg
	Cadmium: ≤0.5 mg/kg	<0.5 mg/kg
	Arsenic: ≤0.5 mg/kg	<0.5 mg/kg
	Mercury: ≤0.1 mg/kg	<0.1 mg/kg
Microbials	Total Aerobic Microbial Count ≤100cfu/g Total Yeasts and Moulds Count ≤10cfu/g E. Coli: Negative Salmonella: Negative S. Aureus: Negative	<100cfu/g <10cfu/g Negative Negative Negative
Conclusion	This product conforms to USP2023 standard	

**\*Storage condition: Store below 25°C, Protect from moisture and light.**