



Compounding
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Certificate of Analysis

D-Biotin

CAS No	58-85-5	Code	BIOJDBI001
Lot No	BN26061022	Manufacture Date	Jun.20, 2026
Retest Date	Jun.19, 2029	Quantity	5Kgs

Testing Items	Specifications	Results
Appearance	Practically white, crystalline powder	Complies
Identification	IR: Consistent with the Reference IR spectrum	Complies
	Specific rotation: $+89^{\circ} \sim +93^{\circ}$	$+90^{\circ}$
	Retention time: Retention time of the major peak corresponds to that of the standard solution	Complies
Related compounds	Individual impurity: $\leq 1.0\%$	0.11%
	Total impurities: $\leq 2.0\%$	0.11%
Assay	97.5%~102.0% (calculated on the dried basis)	99.3%
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 ≤ 100 cfu/g Total Yeasts and Moulds Count ≤ 10 cfu/g E. Coli: Negative Salmonella: Negative S. Aureus: Negative	<100 cfu/g <10 cfu/g Negative Negative Negative
Conclusion	This product conforms to USP2026 standard	

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