

D-Biotin

CAS No	58-85-5	Code	BIOJDBI001
Lot No	BN22101014	Manufacture Date	Oct.13, 2022
Retest Date	Oct. 12, 2025	Quantity	5Kg

Testing Items	Specifications	Results
Appearance	Practically white, crystalline powder	Complies
Identification	IR: Consistent with the Reference IR spectrum	Complies
	Specific rotation: +89 ~ +93 °	+90.6 °
	Retention time: Retention time of the major peak corresponds to that of the standard solution	Complies
Related compounds	Individual impurity: $\leq 1.0\%$	0.16%
	Total impurities: $\leq 2.0\%$	0.16%
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 ≤ 100 cfu/g Total Yeasts and Moulds Count ≤ 10 cfu/g E. Coli: Negative Salmonella: Negative S. Aureus: Negative	<100cfu/g <10cfu/g Negative Negative Negative
Conclusion	This product conforms to USP2022 standard	

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