

## 检测报告 CERTIFICATE OF ANALYSIS

产品名称 Product Name:	生物素 Biotin		
CAS No.:	58-85-5	参考标准 Ref. Standard:	USP2024
批号 Batch No.:	20250729	生产日期 Manuf. Date:	Jul. 29, 2025
数量 Quantity:	720kg	有效期至 Expiry Date:	Jul. 28, 2028
储存条件 Storage Condition:	保存在密闭, 防光容器中, 室温干燥处。 Preserve in tight, light-resistant container at controlled room temperature dry place.		

项目 Item	标准 Specification	结果 Result
含量 Assay(HPLC)	97.5%-102.0%	99.8%
理化指标 Physical&Chemical characteristic		
外观 Appearance	白色或类白色结晶粉末 White or off-white crystalline powder	符合 Conforms
鉴别 Identification	符合要求 Meet the requirements	符合 Conforms
干燥失重 Loss on drying	≤0.2%	0.06%
灰分 Ash	≤0.1%	符合 Conforms
旋光率 Specific Rotation	+89.0°~+93.0°	+90.4°
溶液颜色及澄清度 Solution color and clarity	溶液应澄清、样品颜色应浅于比色液 Solution clarity and the samples should be light in color standard	符合 Conforms
单杂 Individual impurity	≤1.0%	0.2%
总杂 Total impurities	≤2.0%	0.6%
重金属 Heavy metals	≤10ppm	符合 Conforms
铅 Lead(Pb)	≤2.0ppm	符合 Conforms
砷 Arsenic(As)	≤1.0ppm	符合 Conforms
微生物指标 Microorganism Tests		
菌落总数 Total plate count	≤1000cfu/g	符合 Conforms
霉菌&酵母 Mould&Yeast	≤100cfu/g	符合 Conforms
致泻大肠埃氏菌 Diarrheogenic Escherichia coli	阴性 Negative	阴性 Negative
沙门氏菌 Salmonella	阴性 Negative/10g	阴性 Negative
结论 Conclusion	符合 USP2024 标准 Conforms to USP2024 standard.	

Tested by: Tiantian Wang

Checked by: Hong Chen

