

河北宇威生物科技有限公司
HEBEI YUWEI BIOTECHNOLOGY CO., LTD
CERTIFICATE OF ANALYSIS

报告编号 NO. YW-J-20250514-1 报告日期 REPORT DATE: 2025.05.14

检品名称 PRODUCT NAME		肌醇 INOSITOL	包装 PACKAGE	25kg/桶 25 kg net/drum	
批 量 BATCH SIZE		1000 kg	生产日期 MANUFACTURE DATE	2025.05.09	
批 号 BATCH NO.		YW20250509-1	有效期 PERIOD OF VALIDITY	2029.05.08	
检验依据 INSPECTION STANDARD		USP43-NF38			
检 验 项 目	性状 DESCRIPTION	白色结晶粉末，无臭，味甜 IT IS ODORLESS WHITE CRYSTALLINE POWDER WHICH IS READILY SOLUBLE IN WATER. IT TASTES SWEET.			
	项目 ITEM	标准规定 PRESCRIBED STANDARDS	检验结果 INSPECTION RESULTS		
	鉴别 Identification (A.B)	Meets Specifications	Meets Specifications		
	澄清度 Clarity and color of solution	Meets Specifications	Meets Specifications		
	干燥失重 Loss on drying	Not more than 0.5%	0.06%		
	熔 点 Melting Point	224~227℃	225.6-226.4 ℃		
	炽灼残渣 Residue on Ignition	≤0.1%	0.01 %		
	含量 Assay	≥97.0% and ≤102.0%	99.94%		
	电导率 Conductivity	≤20μ s cm-1	11.08μ s cm-1		
	氯化物 Chloride	≤0.005%	<0.005 %		
	硫酸盐 Sulfate	≤0.006%	<0.006 %		
	钙 Calcium	Meets Specifications	Meets Specifications		
	钡 Barium	Meets Specifications	Meets Specifications		
	铁 Iron	≤0.0005%	<0.0005 %		
	重金属以 Pb 计 Heavy Metals(as Pb)	≤5ppm	<5ppm		
	总杂质 Total impurities	≤1.0%	Not detected		
	单项杂质 Individual impurities	≤0.3%	Not detected		
	铅 Lead	≤0.5mg/kg	<0.5 mg/kg		
	砷 Arsenic	≤0.5mg/kg	<0.5mg/kg		
	汞 Mercury	≤0.1mg/kg	<0.1 mg/kg		
	镉 Cd	≤0.5mg/kg	<0.5mg/kg		
	菌落总数 Total plate count	≤1000cfu/g	20cfu/g		
	霉菌 Mould and yeast	≤100cfu/g	5cfu/g		
	大肠杆菌 E.Coli	Absent/25g	Absent		
	沙门氏菌 Salmonella	Negative/25g	Negative		
	结 论 CONCLUSION	本产品经检验合格，符合 USP43-NF38 规定。 THE PRODUCT PASSED THE TEST , COMPLIED WITH THE STANDARDS FOR USP43-NF38.			
	质量负责人 QUALITY DIRECTOR	邓振超	复核人 REVIEWER	蔡明斌	检验人 INSPECTOR 马颖萍