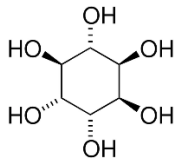


产品检测报告单

Certificate of Analysis

品名 Product Name	D-手性肌醇 D-Chiro-Inositol		
CAS No:	643-12-9		
分子式 Formula	C6H12O6	分子量 Formula weight	180.16
生产日期 Production Date	2026-04-09	批号 Batch No.	PGDCI-260409
检测日期 Test Date	2026-04-10	包装规格 Pack Size	25kg/drum
有效期 Expiry Date	2 Years	检测依据 Specification	企标 In-house
检测项目及结果 Test Items & Result			
检测项目 Test Items	规定 Specification	检测结果 Result	
感官性状 Characters	白色或类白色结晶性粉末 White to off-white crystalline powder	Complies	
鉴别 Identification	应与对照的图谱一致 Match with the reference standard	Complies	
含量 Assay (HPLC)	99.0~102.0%	99.8%	
比旋度 Optical rotation	+63.0°~+67.0° (c=1.0, H ₂ O)	+63.3°	
干燥失重 Loss on drying	≤2.0%	0.05%	
炽灼残渣 Residue on ignition	≤0.5%	0.01%	
氯化物 Chloride	≤0.5%	<0.5	
硫酸盐 Sulfate	≤0.5%	<0.5	
相关物质 Related compounds	总杂 Total impurities≤2.0%	0.20%	
	蔗糖 Sucrose≤1.0%	Not detected	
	松醇 Pinitol≤1.0%	Not detected	
	葡萄糖 Glucose≤1.0%	Not detected	
	果糖 Fructose≤1.0%	Not detected	
	肌醇 myo-Inositol≤1.0%	Not detected	
	任一未知杂质 Any unknown impurity≤0.1%	<0.1	
重金属 Heavy metals	≤10 ppm	<10	
砷 Arsenic (As)	≤1 ppm	<1	
镉 Cadmium (Cd)	≤1 ppm	<1	
汞 Mercury (Hg)	≤0.1 ppm	<0.1	
铅 Lead (Pb)	≤3 ppm	<3	
菌落总数 Total plate count	≤100 CFU/g	<100	
酵母霉菌 Yeast & Mold	≤100 CFU/g	<100	
沙门氏菌 Salmonella	不得检出 Absence	未检出 Conforms	
金黄色葡萄球菌 Staphylococcus aureus	不得检出 Absence	未检出 Conforms	
大肠杆菌 Escherichia coli	不得检出 Absence	未检出 Conforms	

20 目通过率 20 mesh through	—	99.7%
松散密度 Bulk density	—	0.72 g/ml
振实密度 Tap density	—	0.90 g/ml
乙醇 Ethanol	≤5000 ppm	60ppm
结论 Conclusion	所有检验项目均符合规定 All inspection items are in conformity with the specifications.	
储存条件 Storage Condition	密封包装，阴凉干燥避光储存 Sealed packaging, stored at cool, dry and away from light	

Compiled by:

周勇

Approved by:

