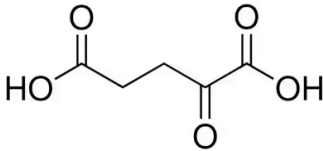


产品检测报告单

Certificate of Analysis

品名 Product Name	α-酮戊二酸（AKG） Alpha-Ketoglutaric acid		
CAS No:	328-50-7		
分子式 Formula	C5H6O5	分子量 Formula weight	146.10
生产日期 Production Date	2026-03-16	批号 Batch No.	PGAKG-260316
检测日期 Test Date	2026-03-17	包装规格 Pack Size	25kg/drum
有效期 Expiry Date	2028-03-15	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
外观 Appearance	白色至微黄色结晶性粉末 White to yellowish crystalline powder		Conforms
含量 Assay (on dried basis)	98.0%~102.0%		100.0%
溶解性 Solubility (10% in water)	无色至几乎无色 Colorless to almost colorless		Conforms
透光率 Transmittance	≥95%		99.4%
干燥失重 Loss on Drying	≤0.5%		0.13%
炽灼残渣 Residue on Ignition	≤0.2%		0.04%
硫酸盐 Sulfate (SO4 ²⁻)	≤0.02%		<0.02%
氯化物 Chloride (Cl ⁻)	≤0.02%		<0.02%
铁离子 Iron (Fe ³⁺)	≤30 ppm		Conforms
重金属（以 Pb 计） Heavy Metals (as Pb)	≤10 ppm		Conforms
砷 Arsenic (As)	≤1 ppm		Conforms
菌落总数 Total Plate Count	≤1000 CFU/g		Conforms
酵母菌 Yeast	≤50 CFU/g		Conforms
霉菌 Mold	≤50 CFU/g		Conforms
大肠杆菌 E. coli	不得检出 Negative		Negative
沙门氏菌 Salmonella	不得检出 Negative		Negative
结论 Conclusion	产品符合企业标准 The Product Conforms to the Enterprise Standard		
储存条件 Storage Condition	阴凉处密封，干燥通风处保存 Store in a cool place with containers kept tightly closed and stored in a dry and ventilated place.		

Compiled by:

周第

Approved by:

王媛

