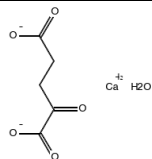


产品检测报告单

Certificate of Analysis

品名 Product Name	α-酮戊二酸钙（Ca-AKG） Calcium Alpha-Ketoglutarate		
CAS No:	71686-01-6		
分子式 Formula	C5H4CaO5	分子量 Formula weight	184.16
生产日期 Production Date	2026-03-14	批号 Batch No.	PGAKG-260314
检测日期 Test Date	2026-03-15	包装规格 Pack Size	25kg/carton
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
外观 Appearance	白色或类白色粉末 White to off-white powder		类白色粉末 Off-White Powder
鉴别 Identification	供试品溶液主峰的保留时间应与对照品溶液主峰的保留时间一致 The retention time of the major peak obtained from the assay preparation is identical to that of the standard preparation		Complies
纯度 Purity	≥98%		99.8%
钙含量 Ca ²⁺ (on dried basis)	18-23%		19.2%
含量 Assay	98.0%~102%		100.4%
干燥失重 loss on dry	≤3.0%		0.36%
pH 值	6.0-8.0		6.73
重金属含量 heavy metal content			
铅 Pb	≤0.1 ppm		Complies
汞 Hg	≤0.1 ppm		Complies
镉 Cd	≤0.2 ppm		Complies
砷 As	≤0.1 ppm		Complies
微生物总数 Total microbial count	≤1000CFU/g		Complies
大肠菌群 Coliform	≤0.92MPN/g		Complies
霉菌和酵母 Mold and yeast	≤100CFU/g		Complies
金黄色葡萄球菌 Staphylococcus aureus	0/25g		Complies
沙门氏菌 Salmonella	0/25g		Complies
堆积密度 bulk density	-		0.38g/ml
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:

