

**CERTIFICATE OF ANALYSIS**

Product Name	Calcium Alpha Ketoglutarate		
Specification	Company Standard	Manufacture Date	2024.7.3
Quantity	120KG	Analysis Date	2024.7.9
Batch No.	ES-240703	Expiry Date	2026.7.2
Items	Specifications		Results
Appearance	White Powder		Conforms
Assay	≥98.0%		98.4%
Solubility	Slightly Soluble		Conforms
Loss on drying	≤1.0%		0.53%
SO <sub>4</sub> <sup>2-</sup> (%)	≤0.02%		<0.02%
Cl <sup>-</sup> (%)	≤0.02%		<0.02%
NH <sub>4</sub> <sup>+</sup> (%)	≤0.02%		<0.02%
Fe <sup>3+</sup> (ppm)	≤10		Conforms
Heavy Metals	≤10.0ppm		Conforms
Pb	≤1.0 ppm		Conforms
As	≤1.0 ppm		Conforms
Cd	≤1.0 ppm		Conforms
Hg	≤0.1 ppm		Conforms
Total Plate Count	≤1000cfu/g		Conforms
Yeast & Mold	≤100cfu/g		Conforms
E.coli	Negative		Negative
Salmonella	Negative		Negative
Staphylococcus	Negative		Negative
Conclusion	This sample meets the specifications.		

Conclusion: Approved

Tested by: Zhang Xiaoxuan

