



Address: East of Tianmu Road, Laiyang Development
Zone, Yantai City, Shandong Province, 265200, China

Specification

Product Name	Calcium Alpha-Ketoglutarate		
CAS No.	71686-01-6	Molecular Formula	C ₅ H ₄ O ₅ Ca
Molecular Weight	184.16	Country of Origin	China

Items	Specifications	Method
Appearance	Slightly yellow to off-white powder	FTIR
Loss on Drying (%)	≤3.0	CP2015
PH	6.0-8.0	pH meter
Ca2(%)	18.0%—21.0%	ICP-MS
Purity by HPLC(Area normalization method)(HPLC) (%)	≥98.0	HPLC
Heavy Metals		
Lead	≤2ppm	GB5009.12
Arsenic	≤2ppm	GB5009.11
Mercury	≤0.1ppm	GB5009.17
Cadmium	≤1ppm	GB5009.15
Microorganism		
Total plate count	≤500cfu/g	GB 4789.2
Coliform	≤0.92MPN/g	GB 4789.3
Mold and yeast	≤50cfu/g	GB 4789.15
Staphylococcus aureus	0/25g	GB 4789.10
salmonella	0/25g	GB 4789.4
Shelf Life:	24 months under the conditions below and in its original packaging.	
Storage:	Keep dry and away from light, store at room temperature.	
Conclusion:	The product meets the testing requirements by inspection.	