

## 西安天丰生物科技股份有限公司 Xi'an Natural Field Bio-Technique Co., Ltd

## **CERTIFICATE OF ANALYSIS**

Product Name:	Alpha-Ketoglutarate		
CAS NO.:	328-50-7	Standard:	In-house Standard
Batch Number:	20211215	Manuf. Date:	Dec.15, 2021
Quantity:	1100kg	Expiration Date:	Dec.14, 2023
Storage Condition:	Preserve in tight containers at controlled room temperature.		

TEST ITEM	TEST ITEM SPECIFICATION		
Description	White crystalline or crystalline power	Conforms	
Identification	Meet the requirements	Conforms	
<b>Physical Characteristics</b>			
Transmittance	≥97.0%	99.3%	
Loss on Drying	≤0.5%	0.3%	
Residue on Ignition	≤0.1%	0.06%	
Heavy Metals	≤10.0ppm	Conforms	
Iron	≤10.0ppm	Conforms	
Arsenic(As)	≤3.0ppm	Conforms	
Lead(Pb)	≤1.0ppm	Conforms	
Cadmium(Cd)	≤1.0ppm	Conforms	
Mercury(Hg)	≤1.0ppm	Conforms	
Microbiological Tests			
Total plate Count	≤1000cfu/g	Conforms	
Yeast & Mold	≤100cfu/g	Conforms	
Assay(HPLC)	≥98.0%	98.8%	
Conclusion:	Conform to the In-house Standard		

Tested by: Fangchao Yang



