

Certificate of Analysis

Product Information			
Product Name	Glucomanan Powder	Report Number	KJL20210423
Botanical Name	Amorphophallus konjac	Manufacture Date	2021/03/29
Used Part	Root	Analysis Date	2021/04/03
Batch Number	KJL210329	Report Date	2021/04/08
Batch Quantity	500Kg	Expiry Date	2024/03/28
Test Items	Specifications	Result	Test Methods
Active Ingredients			
Assay	≥ 90.0%	90.27%	UV
Physical & Chemical Data			
Appearance	White Fine Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤10.0 %	3.99%	105°C/2 hrs
Total Ash	≤5.0 %	0.61%	GB 5009.4-2016
pH	5.0~7.0	5.36	
Viscosity(mPa.s)	20,000 ~25,000 mPa.S.min	Conforms	
Bulk Density	40~60g/100mL	49.3g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	51.8g/100mL	GB/T 18798.5
Contaminants			
Lead (Pb)	<3.0mg/kg	Conforms	ICP-MS
Arsenic (As)	<2.0mg/kg	Conforms	ICP-MS
Cadmium (Cd)	<1.0mg/kg	Conforms	ICP-MS
Mercury (Hg)	<0.1mg/kg	Conforms	ICP-MS
Solvents Residue	<5000 mg/kg	Conforms	GC
Microbiological			
Total Aerobic Count	≤1000cfu/g	170cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	35cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10
Conclusion			
Conclusion	To be complied with in-house Specification		
Shelf Life	3 years when properly stored.		
Storage	Store in cool & dry place, not freeze. Keep away from strong light.		

Remarks: This product is natural, the color vary from batch to batch.

Tested by: 张丽娜

Checker: 李明

Approved:

