



Xi'an Green Spring Technology Co.,Ltd

### Certificate of Analysis

Product Name.	Oat Beta Glucan Powder	Source	Oat
Batch Number:	GS230415	Production Date	2023.04 10
<b>Item</b>			
<b>Specification</b>			
<b>Result</b>			
<b>Method</b>			
<b>Physical and Chemical Property</b>			
Appearance	Light Yellow Powder	Conforms	Visual
Particle size	≥95% through 80 mesh	Conforms	Screening
Residue on Ignition	≤1g/100g	0.50g/100g	3g/550℃ /4hrs
Loss on Drying	≤5g/100g	3.91g/100g	3g/105℃ /2hrs
Identification	Conforms with UV	Conforms	UV
Content	70% Beta Glucan	70.34%	UV
Water solubility	Around 80% could be soluted in 70℃ water		
<b>Residue Analysis</b>			
Heavy Metals	≤10mg/kg	Conforms	
Lead (Pb)	≤1.00mg/kg	Conforms	ICP-MS
Arsenic (As)	≤1.00mg/kg	Conforms	ICP-MS
Cadmium (Cd)	≤1.00mg/kg	Conforms	ICP-MS
Mercury (Hg)	≤0.50mg/kg	Conforms	ICP-MS
<b>Microbiological Tests</b>			
Total Plate Count	≤1000cfu/g	200cfu/g	AOAC990.12
Total Yeast & Mold	≤100cfu/g	10cfu/g	AOAC 997.02
E.Coli	Negative/10g	Conforms	AOAC991.14
Salmonella	Negative/10g	Conforms	AOAC 998.09
S.aureus	Negative/10g	Conforms	AOAC 2003.07
<b>Product Status</b>			
Conclusion	Sample Qualified.		
Shelf Life	24 months under the conditions below and in its original packaging.		
Storage.	Store in a cool, dry place away from moisture and light.		

Quality Assurance: Liang Yan

