



# Xi'an Green Spring Technology Co.,Ltd

## Certificate of Analysis

<b>Product Name:</b>	Oat Beta Glucan Powder	<b>Batch Number:</b>	GS20230508
<b>Botanical Source:</b>	<i>Avena Sativa</i>	<b>Manufacture Date:</b>	June.13.2023
<b>Plant Part Used:</b>	Bran	<b>Analysis Date:</b>	June.15.2023
<b>Quantity:</b>	55kgs	<b>Expire Date:</b>	June.12,2025

ITEM	STANDARD	TEST RESULT	TEST METHOD
Assay	$\beta$ -glucan $\geq$ 80.0%	84.75%	USP2021
<b>Physical &amp; Chemical</b>			
Appearance	Off white to light yellow fine powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Particle Size	95% pass 60 mesh	Complies	USP<786>
Loss on Drying	$\leq$ 5.0%	1.21%	USP<731>
Ash	$\leq$ 5.0%	2.60%	USP<281>
<b>Heavy Metal</b>			
Pb	$\leq$ 3.0ppm	0.230ppm	ICP-MS
As	$\leq$ 2.0ppm	0.015ppm	ICP-MS
Cd	$\leq$ 1.0ppm	0.038ppm	ICP-MS
Hg	$\leq$ 0.5ppm	0.072ppm	ICP-MS
<b>Microbiological Test</b>			
Total Plate Count	$\leq$ 3,000cfu/g	200cfu/g	USP2021
Yeast and Mold	$\leq$ 100cfu/g	30cfu/g	USP2021
E.Coli	$\leq$ 0.4MPN/g	Complies	USP2021
Salmonella	Negative	Negative	USP2021
staphylococcus aureus	Negative	Negative	USP2021
<b>Conclusion:</b> Conform with specification.			
<b>Storage:</b> Keep in cool & dry place. Keep away from strong light and heat.			
<b>Packing:</b> By 25kgs/Drum,inner by plastic bag.			
<b>Shelf life:</b> Two Years under the above condition, and in it's original package.			

Quality Assurance: Liang Yan

