

CERTIFICATE OF ANALYSIS

Product Name: Yeast β glucan		Country of Origin: China	
Botanical Name: <i>Saccharomyces cerevisiae</i>		Part Used: Mycelia	
Batch Number: SRPJT20041001F		Date of Manufacture: Apr.10.2020	
Quantity: 400.00kg		Date of Analysis: Apr.10.2020	
Testing Item	Specification	Test Result	Test Method
Physicals & Chemicals			
Appearance	Light-Yellow Fine Powder	Complies	Organoleptic
Identification	Characteristic	Complies	Organoleptic
Moisture	$\leq 7.0\%$	4.19%	GB 5009.3-2016
Ash	$\leq 9.0\%$	2.2%	GB 5009.4-2016
Particle Size	100 % through 80 mesh	Complies	Screen
Bulk Density	30-50g/100ml	0.48g/ml	Ph.Eur.2.9.34
Assays			
Beta-(1-3),(1-6)-D-Glucan	80% Min.	82.3%	HPLC
protein	5% Max	3.0%	GB 5009.5-2016
Heavy Metals			
Arsenic	$\leq 2.0\text{mg/kg}$	0.059mg/kg	GB5009.11-2014(AFS)
Lead	$\leq 2.0\text{mg/kg}$	0.33mg/kg	GB5009.12-2017(AAS)
Cadmium	$\leq 1.0\text{mg/kg}$	0.35mg/kg	GB5009.15-2014(AAS)
Mercury	$\leq 0.1\text{mg/kg}$	Not Detected ($<0.007\text{mg/kg}$)	GB5009.17-2014(AFS)
Microbiologicals			
Aerobic Plate Count	$\leq 10,000\text{cfu/g}$	10cfu/g	ISO4833-1-2013
Moulds and Yeasts	$\leq 1,000\text{cfu/g}$	Moulds $<10\text{fu/g}$	GB4789.15-2016
		Yeasts $<10\text{cfu/g}$	
Coliforms	$<10\text{cfu/g}$	$<10\text{cfu/g}$	GB4789.3-2016
E.coli	$<10\text{cfu/g}$	$<10\text{cfu/g}$	ISO4833-1-2013
Salmonella	Not Detected/25g	Not Detected/25g	GB4789.4-2016
Staphylococcus aureus	Not Detected/25g	Not Detected/25g	GB4789.10-2016
Aflatoxins	$\leq 2\mu\text{g/kg}$	Negative	HPLC
Conclusion	Complies with Specification.	Shelf Life	2 years when properly stored.
Storage	In cool & dry place. Keep away from strong light and heat.		
Package	25kg/drum.		