

## TECHNICAL DATA SHEET

# Yestcan™ Yeast Beta-D Glucan

## 70%

### Chemical Properties

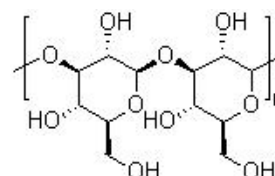
Botanical Name: *Saccharomyces cerevisiae*

Synonym: Yeast beta-(1,3)-D-Glucan, Yeast beta-(1,3)(1,6)-D-Glucan, Yeast beta-1,3/1,6-D-Glucan, Yeast beta D Glucan, Yeast β-D Glucan

Chemical Formula:  $[C_6H_{10}O_5]_n$

Molecular Weight:  $(470.42)n$

CAS: 9051-09-2



### Description

Our product is extract from Yeast's cell walls. make to pulverization, use water to extract, concentrate and spray drying all in GMP workshop. GMO-free. Include β-glucan: the trunk chain is β (1-3), and the lateral chain is β (1-6). alkaloids, protein, amino acids. Yeast beta D glucan is for healthcare products and health supplement.

### Solubility

It's not soluble to water, but moisture absorption easily.

### Specification

Item	Specification	Test Method
Appearance	White to light yellow fine powder	Visual
Odor & Taste	Characteristic	Organoleptic
Assay (Beta-1,3/1,6-D Glucan)	Min 70%	UV, Enzyme solution
Protein	Max 10%	CP2010
Fat	Max 3%	CP2010
Sieve Analysis	Min 98% pass 100 mesh	100 mesh screen
Loss on Drying	Max 5%	5g/100°C/2.5hrs
Ash	Max 5%	2g/525°C/3hrs
Heavy Metal	Max 10.0ppm	AAS
Lead	Max 2.0ppm	AAS
Arsenic	Max 1.0ppm	AAS
Mercury	Max 0.2ppm	AAS
Cadmium	Max 1.0ppm	AAS
Pesticides Residues	Max 1.0ppm	GC
Total Plate Count	Max 1,000cfu/g	CP2010
Yeast & Mold	Max 100cfu/g	CP2010
<i>E. Coli.</i>	Negative	CP2010
<i>Salmonella</i>	Negative	CP2010

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Staphylococcus

Negative

CP2010

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## Ingredients

Min 70% Beta-1,3/1,6-D Glucan

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## Labeling

In the United States and the European Union: Yeast  $\beta$ -D Glucan 70%

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## Functions

- 1) It can improve the immune system and anti-fatigue. And it also has the ability to shrink tumors and protect liver function.
- 2) It can also preserve the vigor, strengthen the physique, have a rosy complexion, prolong life, and curing the consumptive disease.

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## Applicatyions

Pharmaceutical; Food; Cosmetics.

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## Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

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## Handling recommendations

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids, alkalis.

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## Packaging, Storage & Shelf Life

Package	25kg/drum; or according to customers' requirements.
Storage	Store in a well-closed container away from moisture and direct sunlight.
Shelf life	2 year if sealed and stored properly.