



PRODUCT INFO  
& DATASHEET

## SICO<sup>®</sup> TOP YEAST 500

*Oligosaccharides from yeast cells/natural immune enhancer*  
*Made in China*

4/2016

### 1. PRODUCT DESCRIPTION

SICOTOP YEAST 500 is an oligosaccharides from yeast cells manufactured by advanced biotechnology and equipments through autolysis, specific enzymatic hydrolysis, high-speed centrifugal separation and spray drying, is a kind of natural immune enhancer composed of  $\beta$ -1,3/1,6 glucan and mannan-oligosaccharides (MOS).

### 2. INDICATIVE SPECIFICATIONS & TYPICAL ANALYSIS

#### a) Physical-Chemical Characteristics

Color	Light brown	- Mannanligosaccharides%	26.94
Average particle size.	100 mesh	- Moisture	% 6.07
Odor	Pleasant	- Ash	% 5.05
- Crude Protein	% 23.30	- Ether Extract	% 0.69
- $\beta$ -Glucan (1-3,1-6)	% 28.82	- Crude Fiber	% 0.52

#### b) Bromatological Analysis

Crude Protein	Max. % 30.00
$\beta$ -Glucan (1-3,1-6)	Min. % 25.00
Mannanligosaccharides	Min. % 25.00
Moisture	Max. % 8.00
Ash	Max. % 8.00

#### c) Microbiological Analysis

Total Plates Count	Max. CFU/g 15,000
Escherichia coli	- /g Absent
Yeast / Mold	Max. CFU/g 100
Salmonella	- /25g Absent

#### d) Heavy Metals

Arsenic	mg/kg 1.0
Lead	mg/kg 0.5
Chromium	mg/kg 0.3

### 3. DOSAGE

#### \* POULTRY

Broilers 0.5~1.0 kg/ton. of feed  
Laying hens  
-growing phase 1.0 kg/ton. of feed  
-production phase 1.0 kg/ton. of feed

#### \* SWINE

Piglets 1.0~2.0 kg/ton. of feed  
Growing pigs 1.0~2.0 kg/ton. of feed  
Finisher pigs 1.0~2.0 kg/ton. of feed  
Sows 1.0~2.0 kg/ton. of feed  
Animals under stress 5.0 kg/ton. of feed

#### \* AQUACULTURE

Fish 1.0 kg/ton. of feed  
Shrimps 1.0 kg/ton. of feed

#### \* CATTLE

Calves 5~12 g/head/day

#### \* PETS

##### Dogs

Adult diets 1.0 kg/ton. of feed  
Puppy diets 2.0 kg/ton. of feed

##### Cats

Adult diets 1.0 kg/ton. of feed  
Kitten diets 2.0 kg/ton. of feed

**4. PACKING:** 25 kg multiwall plastic bags polyethylene liner.

**5. STORAGE:** Store in a cool and dry place, free from insects, away from direct sunlight.

**6. SHELF LIFE:** 24 months from production date.

### 7. CERTIFICATIONS

ISO 9001:2008 - Certified Quality Management System, HACCP,  
ISO 22000 - Food Safety implemented.  
-GMO free-

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

SAP INTERNATIONAL CORPORATION bvba Krekelenberg 69, B-2980 Zoersel, Belgium  
Tel. +32-3-309.06.51 Fax. +32-3-309.19.31 Email : info@sico.be Website : www.sico.be

SICO FEEDS  
EVERY TIME THE *right* SOLUTION