



**PRODUCT INFO
& DATASHEET**

SICO[®] TOP YEAST 450

Molasses Yeast Hydrolysate

Made in China

4/2016

1. PRODUCT DESCRIPTION

SICOTOP YEAST 450 is a kind of yeast hydrolysate product with high proteins, rich nucleic acids, active peptide like GSH, free amino acids and vitamin B. It is produced by the specific enzyme wall-breaking & extraction & centrifugation and is spray dried. SICOTOP YEAST 450 can be a supplement for endogenous nucleotide synthesis deficiency in periods of rapid growth of the animals to speed up the copy, division and proliferation of the intestinal epithelial cells, white blood cells and lymphocytes and to enhance immunity and to improve liver function and lipid metabolism to stimulate animal production performance. Meanwhile, it will also improve digestion, absorption and growth.

2. INDICATIVE SPECIFICATIONS & TYPICAL ANALYSIS

a) Physical-Chemical Characteristics

Color	Light yellow powder	- Ash	% Max. 9.0
Odor	Pleasant	- pH	Min. 5.0
- Nucleic acids	% Min. 8.0	- Ethereal Extract	Max.% 0.5
- Moisture	% Max. 8.0	- Crude Fiber	Max.% 0.5
- Crude Protein	% Min. 50.0	- Carbohydrate	% 33.8
- Amino nitrogen	% Min. 2.5	- Gross Energy	kcal/kg 3,500
- Acid-soluble protein	% Min. 75.0		

b) Glycosyl Composition

b Glucan	Min.% 10.0
Mannan oligosaccharides	Min. % 10.0

c) Microbiological Analysis

Total Plate Count	CFU/g	Max. 15,000
E. coli	/g	Absent
Yeast / Mold	CFU/g	Max.100
Salmonella	/25g	Absent

d) Minerals

Calcium	mg/100g	150 ± 5
Phosphorus	mg/100g	1300 ± 10
Potassium	mg/100g	1800 ± 10
Sodium	mg/100g	260 ± 5

e) Amino Acids Hydrolysis

Alanine	% 3.94-	Methionine	% 0.56 -
Arginine	% 1.86-	Phenylalanine	% 1.88 -
Aspartic Acid	% 4.20-	Tyrosine	% 1.24-
Glycine	% 2.02 -	Treonine	% 2.22-
Isoleucine	% 2.10 -	Tryptophan	% 0.62
Leucine	% 3.03 -	Proline	% 1.68 -
Glutamic Acid	% 7.52 -	Valine	% 2.52 -
Lysine	% 3.23 -	Histidine	% 0.86-
Cystine	% 0.34 -	Serine	% 2.08 -

Total Amino Acids Hydrolysis:41.90

3. DOSAGE

* **SWINE** (as plasma replacement)

Piglets (21-35days) kg/ton. of feed 15.0-20.0

Piglets (35-60 days) kg/ton. of feed 3.0-10.0

Sows kg/ton. of feed 1.0-5.0

* **AQUACULTURE**

Fish and Shrimp (FM replacement with other protein like SBM) kg/ton. of feed 10.0-30.0

Fish and Shrimp (for function additive like attractant, anti-stress, improve GP)kg/ton. of feed 2.0-5.0

* **POULTRY**

Chicks (1st week) kg/ton. of feed 5.0- 10.0

Broilers kg/ton. of feed 1.0-3.0

Layers kg/ton. of feed 1.0-3.0

4. PACKAGING: 25 kg multiwall plastic bags with a polyethylene liner bags.

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