



**PRODUCT INFO
& DATASHEET**

SICO[®] TOP YEAST HYDRO

Yeast Hydrolysate from beer fermentation

Made in China

4/2016

1. PRODUCT DESCRIPTION

SICOTOP YEAST HYDRO is a yeast hydrolysate product made from the by-product of the beer fermentation, by advanced equipment through special enzymatic and breaking technology. SICOTOP YEAST HYDRO is rich in nucleotide, active peptide, unknown growth-promoter factors, immune-regulating factors, inositol, oligosaccharide, free amino acid and unknown active biological substances with good flavor. SICOTOP YEAST HYDRO can effectively improve animal's absorption, digestibility, gut health and immunity, decrease disease to improve the performance.

2. INDICATIVE SPECIFICATIONS & TYPICAL ANALYSIS

a) Physical-Chemical Characteristics

Color	Yellow powder with even color		
Odor	Pleasant	- pH	Min. 4.0
- Nucleic acids	% Min.6.0	- Moisture	% Max. 8.0
- Ethereal Extract	% 0.7	- Crude Fiber	% 0.4
- Crude Protein	% Min. 42.0	- Gross Energy	kcal/kg 3,470
- Ash	% Max. 10.0		

b) Glycosyl Composition

b Glucan	min.% 10.0
Mannanligosaccharides	min.% 10.0

c) Microbiological Analysis

Total Plate Count CFU/g		Max. 15,000
E. coli	MPN/100g	<30.0
Mold/ Yeast	CFU/g	Max.100
Salmonella	/25g	Absent

d) Minerals

Calcium	mg/100g	81± 3
Phosphorus	mg/100g	1200 ± 10
Potassium	mg/100g	1500 ± 15
Magnesium	mg/100g	53 ± 1
Sodium	mg/100g	280 ± 29

e) Amino Acids Hydrolysis

Alanine	% 2.93 -	Methionine	% 0.90 -
Arginine	% 2.26 -	Phenylalanine	% 2.05 -
Aspartic Acid	% 4.79 -	Tyrosine	% 1.60 -
Glycine	% 2.02 -	Treonine	% 2.54 -
Isoleucine	% 2.55 -	Tryptophan	% - -
Leucine	% 3.54 -	Proline	% 1.73 -
Glutamic Acid	% 5.28 -	Valine	% 2.75 -
Lysine	% 3.76 -	Histidine	% 1.12 -
Cystine	% 0.32 -	Serine	% 2.66 -
<i>Total Amino Acids Hydrolysis:42.80</i>			

3. DOSAGE

* SWINE (as plasma replacement)

Piglets (20-35 days) kg/ton. of feed 5-10.0

Piglets (36-60 days) kg/ton. of feed 2-5.0

Sows kg/ton. of feed 5- 10.0

* POULTRY

Chicks (1st week) kg/ton. of feed 2.0

Broilers kg/ton. of feed 1.0

Layers kg/ton. of feed 1.0

* CATTLE

Calves kg/ton. of feed 10.0-20.0

Dairy cattle (pre and pos-partum)kg/ton of feed 20.0-30.0

Beef cattle kg/ton. of feed 10.0-20.0

* AQUACULTURE

Fish and Shrimps kg/ton. of feed 10.0-30.0

4. PACKAGING: 25 kg poly lined multiwalled plastic 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. QUALITY 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.

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