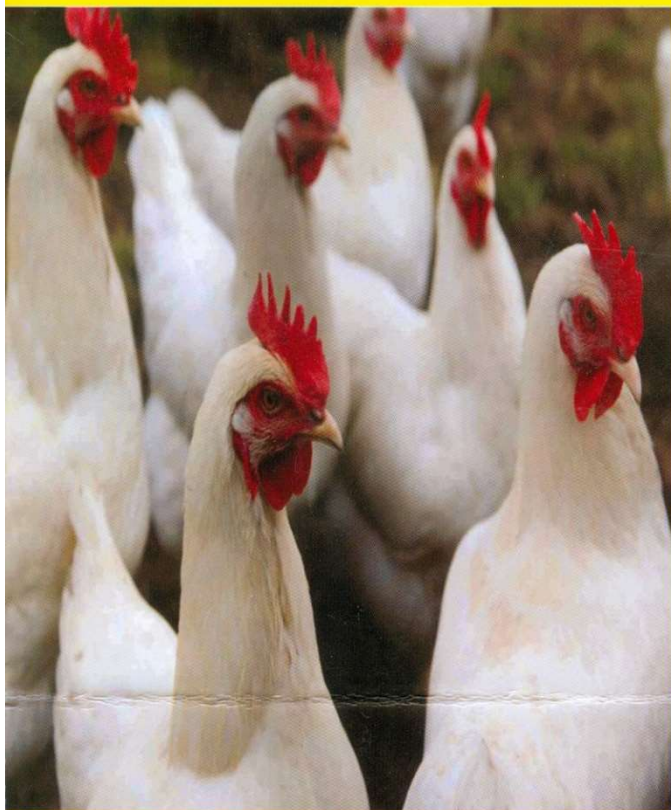


# Lansail (Yeast Cell Wall)



Lansail yeast cell wall (yeast immune polysaccharides) is made from fresh yeast cell by special enzymolysis. It is nutritional, stable, safe and high-efficiency immunity enhancer and mycotoxin adsorbent.

## PRODUCT CHARACTERISTICS

1. LANSAIL abounds in  $\beta$ -1, 3/1, 6-glucan, mannan oligosaccharides, and it is non-antibiotic nutrition.
2. LANSAIL is a kind of natural immuno-enhancer, free from resistance to drugs, residual, and adverse effect. It is safe for long-term use.
3. LANSAIL is characterized by good stability to meet pelleting and puffing requirements.
4. Advanced extraction and separation process, stable quality.

## PRODUCT EFFICACY

1. Adsorb the mycotoxins in feed.
2. Promote immunity system of animal as well as vaccine titer.
3. Improve the structure of intestinal flora colony.

Package: **25kg/bag**, kraft paper bag packing

Shelf life: **18 months**

Storage: Sealed store in cool and dry place, use up quickly once open, seal against humidity.



**FAMILQs**



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### LANSAIL (certificate of analysis)

Item	Requirement	Result	Remark
Sensory	Yellowish-brown to light yellow powder, special odor of yeast ,no corruption , Qualified Qualified no foreign material	Qualified	Qualified
$\beta$ -glucan, %	$\geq 20.0$	30.31	Qualified
Mannan, %	$\geq 20.0$	25.01	Qualified
Moisture, %	$\leq 35.0$	6.46	Qualified
Crude Protein, %	$\leq 35.0$	25.76	Qualified
Salmonella,(cfu/25g)	Negative	Negative	Qualified
Mesh Size	Completely pass through 40 mesh sieve and less than 10% left above the sieve after pass through 60 mesh sieve	Qualified	Qualified
Test Standard	Q/370883JSQ007-2018		
Conclusion	Qualified		

### Adsorption of different mycotoxin of yeast cell wall

The test is designed to analyse the adsorption of AFB<sub>1</sub> (aflatoxin), ZEN(zearalenone) and DON(vomiting toxins ) among yeast cell wall, montmorillonite and bentonite under different environmental conditions of gastric fluid and intestinal fluid.

Adsorbent	Adsorption rate(%)under gastric Fluid (pH 2 – 3 )			Adsorption rate(%)under intestinal Fluid (pH 6.5 – 7.2)		
	AFB	ZEN	DON	AFB	ZEN	DON
Bentonite	12	26	8	15	0	6
Montmorillonite	100	0	12	100	0	7
Lansail Yeast Cell Wall	88	25	15	90	26	17
Competitor A (yeast cell wall)	52	34	18	65	27	18
Competitor B(yeast cell wall)	85	21	14	91	10	15

Test conclusion: Compare to inorganic adsorbent and yeast cell wall from competitor, Lansail yeast cell wall has better adsorption effect and it is not influenced much by PH of environment

### Recommend dosage

Poultry	200-300 gram/ ton
Large animal	5-10 gram/head/day

**Lansail** YEAST BIO-FEEDING



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