

# Yeast Cell Wall

**Natural Immune Enhancer & Efficient  
Mycotoxin Binder**

- From primary Fermentation of *Saccharomyces Cerevisiae*
- Enriched in MOS and  $\beta(1,3-1,6)$ -glucan

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# Specifications Yeast Cell Wall

TEST	LIMITS	RESULTS	Method
Appearance	Creamish Yellow Coloured Powder	Complies	Organoleptic
Moisture, %	< 10	8.1	ISO 6496:1999
Protein, %	< 35	25.1	AOAC 2001.11 (21ED., 2019) <sup>st (A)</sup>
Glucan, %	> 20	28.5	HPLC, In House
Mannoligosaccharide, %	> 20	27.1	HPLC, In House
Total Plate Count, cfu/g	50,000 Max	Complies	IS 5402:2012
Salmonella	Not Detected in 25 gm	Complies	IS 5887(part111):1999 reaff 2013
E. Coli	Not Detected in 1 gm	Complies	IS 5887(part1):1976 reaff 2013
Clostridium Perfringens	<10 CFU/G	< 1	ISO 7937:2004 <sup>(A)</sup>
Total Yeast & Mold	1000 CFU/G	1.5 X 10	ISO 215272:2008 <sup>(A)(H)</sup>
Crude Fibre	3%	Not Detected	ISO 6865:2000 <sup>(A)</sup>
Aflatoxin B1	17PPB	7	AOAC 2005.08(21ED., 2019) <sup>st (A)</sup>
Aflatoxin B2	1 PPB	0.5	AOAC 2005.08(21ED., 2019) <sup>st (A)</sup>
Aflatoxin G1	1 PPB	0.5	AOAC 2005.08(21ED., 2019) <sup>st (A)</sup>
Aflatoxin G2	1 PPB	0.5	AOAC 2005.08(21ED., 2019) <sup>st (A)</sup>
Aflatoxin (B1,B2,G1,G2)	20 PPB	10	AOAC 2005.08(21ED., 2019) <sup>st (A)</sup>
Cyanuric Acid	NIL	Not Detected LOD= 0.25	Rapid Commum, Mass Spectrom, 22 (2008) 3624-3632 <sup>(A)</sup>
Melamine	NIL	Not Detected LOD= 0.05	Rapid Commum, Mass Spectrom, 22 (2008) 3624-3632 <sup>(A)</sup>
Arsenic (As)	10 ppm	0.69 LOD = 0.07	AOAC 2013.06 (21ED., 2019) <sup>st (A)</sup>
Cadmium (Cd)	2 ppm	0.04 LOD = 0.03	AOAC 2013.06 (21ED., 2019) <sup>st (A)</sup>
Lead (Pb)	30 ppm	Not Detected LOD = 0.03	AOAC 2013.06 (21ED., 2019) <sup>st (A)</sup>
Mercury (Hg)	1 ppm	Not Detected LOD = 0.1	AOAC 2013.06 (21ED., 2019) <sup>st (A)</sup>

# Dosage

Species	Benefits	Dosage
Piglet	Relieve stress (weaning, transport), stabilize production, Prevent Disease, Replace Antibiotics	1-2 kg/t
Sow	Enhance Immunity Bind mycotoxins, reduce the toxic influence on reproductive performance	1 ~ 1.5 kg/t
Broiler	Relieve Stress, Stabilize Production Prevent Disease, Reduce Mortality	0.5-1 kg/t
Layer	Relieve Stress, Stabilize Production Stable laying rate and prolong the peak of laying	0.5 kg/t
Aquaculture	Improve Survival Rate Relive stress, enhance the ability to adapt to the environment	1.5-2 kg/t
Cattle/ Calves	Promote Rumen development, Improve daily gain, Better milk production	1 kg/t

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