

PRODUCT DESCRIPTION

ADVANTA MOS® is a prebiotic produced from a Mannan Oligosaccharide and Beta-glucan complex which has been extracted from the cell wall of molasses yeast (*Saccharomyces cerevisiae*). The soluble portions of the yeast cells are removed by a gentle digestion and the remaining insoluble cell wall fraction is then washed and spray dried.

MOS action is based on interfering with pathogen receptor or their toxin-receptor. MOS can bind and neutralize toxins in the intestinal lumen or interfere in adherence of pathogens to intestinal epithelium.

QUALITY CERTIFICATION: OMRI Listed

AAFCO (Association of America Feed Control Officials) Number: 96.11

INGREDIENT COMPOSITION

Yeast Extract (Yeast Cell Wall – MOS and β -Glucan)

GUARANTEED ANALYSIS

- Crude Protein, min28%
- Crude Fiber, max. 4%
- Moisture, max 6%
- Typical Analysis (as-fed)..... See last page for nutrient profile

FEEDING DIRECTIONS

ADVANTA MOS® is an exclusive nutrition source for beneficial bacteria, such as *Lactobacillus* and *Bifidobacteria* and has been known to agglutinate *Salmonella* and *E.coli*. Used for the further manufacture of complete feeds for poultry, pets, swine, dairy cattle and beef cattle. General feeding recommendations are outlined on the next page.

PHYSICAL CHARACTERISTICS & HANDLING

ADVANTA MOS® is a tan to light brown powder. Care should be used in storing and handling this product. Store in a clean, dry place. Take care not to cross contaminate supplemented feeds.

- Shelf Life: 24 months from production date

ORDERING & TECHNICAL INFORMATION

- Packaging: 55.115 lb. (25kg) Multi-walled paper bags with poly liner
- Customer Service: 877.736.1607
- Technical Information: call 877.736.1607 or email: enzabac@enzabac.com



RECOMMENDED FEEDING RATES PER DAY**DAIRY**

Calves	5.0-10.0 g/head/day
Cattle	10.0-20.0 g/head/day

PETS

Dogs	0.5 kg/ton
Cats	0.5 kg/ton

BEEF

Calves	5.0-10.0 g/head/day
Cattle	10.0-20.0 g/head/day

SWINE

Piglets	1.0 – 3.0 kg/ton
Grower/Finisher Pigs	1.0 – 2.0 kg/ton
Gestating Sows	1.0 – 2.0 kg/ton
Lactating Sows	1.0 – 2.0 kg/ton

POULTRY

Broilers – initial phase	0.5 – 1.0 kg/ton
Breeders	0.5 – 1.0 kg/ton
Layers	0.5 – 1.0 kg/ton



Typical Analysis**Ingredients**

Yeast Extract
(Yeast Cell Wall – MOS and β -Glucan)

Guaranteed Analysis

Crude Protein	Min. 28.0%
Crude Fiber	Max. 4.0%
Moisture	Max. 8.0%

Microbiological Analysis

Total Plate Count	CFU/G	< 15,000
<i>S. Aureus</i>		Negative
<i>E. Coli</i>	CFU/25G	Negative
<i>PS Aeruginosa</i>		Negative
Yeast	CFU/G	< 100
Mold	CFU/G	Negative
<i>Salmonella</i>	CFU/25G	Negative

Typical Analysis

Total Glucomannans	48.0%
Beta Glucan	28.0%
Mannan Oligosaccharides	20.0%
Protein	31.0%
Ash	8.0%
Fiber	3.0%
Moisture	8.0%
Form	Fine Powder
Color	Beige
Odor	Faint
PH	5.5

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