

PRODUCT DESCRIPTION

MVM 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.

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 8%
- Typical Analysis (as-fed). See last page for nutrient profile

FEEDING DIRECTIONS

MVM 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

MVM 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: 208.735.2120

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

Magic Valley Microbials



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

Due to many variables beyond our control, Magic Valley Powder makes no warranties expressed or implied, concerning this product or its use beyond the description on the face hereof. In no event shall Magic Valley Powder be held responsible for consequential or incidental damages.

