



**BetaMOS®** is a rich source of yeast cell wall nutrients containing  $\beta$ -glucans (1,3 and 1,6) and mannanoligosaccharides (mannans). **BetaMOS** is attained from a proprietary *Saccharomyces cerevisiae*.

- **$\beta$ -glucans** stimulate the immune system by being in contact with immune cell receptors, triggering them to fight off pathogens.
- **Mannans** help inhibit pathogen colonization in an animals intestinal tract by adsorbing bacterial pathogens such as *Salmonella*, *E.coli* and *Clostridia*.

### The **BetaMOS®** Difference

PROPERTIES	COMPETITOR MOS	BETAMOS
$\beta$ -glucan (1,3 and 1,6), min	Not provided on label	≥ 20.0%
Mannan, min	Not provided on label	≥ 20.0%
Crude Protein	Min. 30.0%	Min. 10.0%, Max. 25.0%
Ingredient listing	Hydrolyzed yeast and corn distillers grains with solubles	Yeast Extract
<i>Saccharomyces cerevisiae</i> , source	Ethanol by product	Specific bakery strain

BetaMOS is derived from a specific yeast source to yield high levels of glucans and mannans and not to exceed strict maximum protein level requirements.

### COMPETITOR MOS

SAMPLE LOT LOCATION	CAN	IA	VA	SD	NC	MN
$\beta$ -Glucans	21.6	14.0	21.7	12.8	22.3	29.5
Mannans	5.2	20.3	12.5	2.6	6.9	8.6



15- SAMPLE LOTS	GLUCAN, %	MANNAN,%
Average, %	26.03	21.65
Std deviation, %	.85	1.89
CV,%	3.95	7.27

### CONSISTENT PRODUCTION EQUALS CONSISTENT RESULTS!

