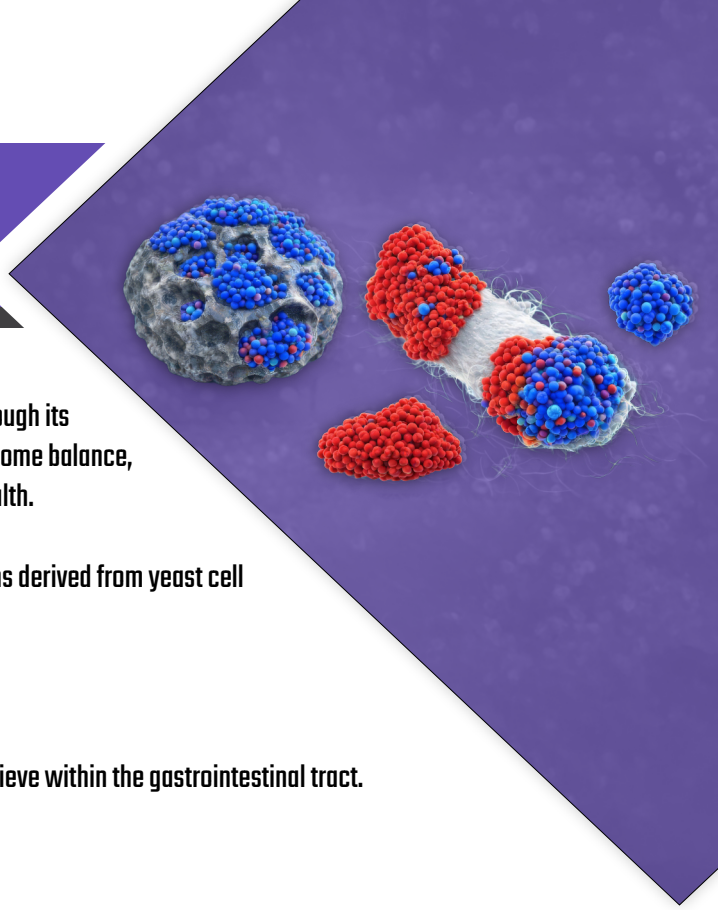
MILZAFE-TX™

Unlock the Potential of MILZAFE™: Optimized, Synergistic Support for Animal Health



MILZAFE™ combines activated natural minerals with concentrated yeast cell wall components to provide a comprehensive dual-action solution for intestinal health. Through its synergistic approach, it helps optimize the digestive environment and maintain microbiome balance, promoting more resilient animals, improved performance, and sustained long-term health.

MILZAFE™ contains a targeted blend of mannan oligosaccharides (MOS) and β-glucans derived from yeast cell walls, which support the animal's natural biological defense system.

Key Benefits:

MILZAFE™ acts as a high-capacity porous mineral matrix, functioning as a molecular sieve within the gastrointestinal tract.

Key Actions:

- **Toxin Binding**
  Activated natural minerals bind to multiple mycotoxins (including aflatoxins, fumonisins, zearalenone, ochratoxin, and others), preventing their systemic absorption.

- **Ammonia Management**
  Adsorbs excess ammonia generated during protein digestion, reducing intestinal irritation and ammonia emissions, contributing to improved air quality in production facilities and better respiratory health.

- **pH Buffering Effect**
  Acts as a pH buffer, helping stabilize ruminal pH in ruminants while slowing digestive transit, promoting greater nutrient absorption and improved digestive efficiency.

- **Endotoxin and Exotoxin Reduction**
  Helps maintain a cleaner intestinal environment by reducing harmful microbial byproducts.

- **Heavy Metal and Microplastic Reduction**
  Helps reduce heavy metals and microplastics by limiting their bioavailability, contributing to longer productive life.

Milwhite, Inc.
4401 S. Pinemont Dr. STE 216
Houston,TX 77041
info@milwhite.com | www.milwhite.com

MADE IN THE USA

GO TEXAN.

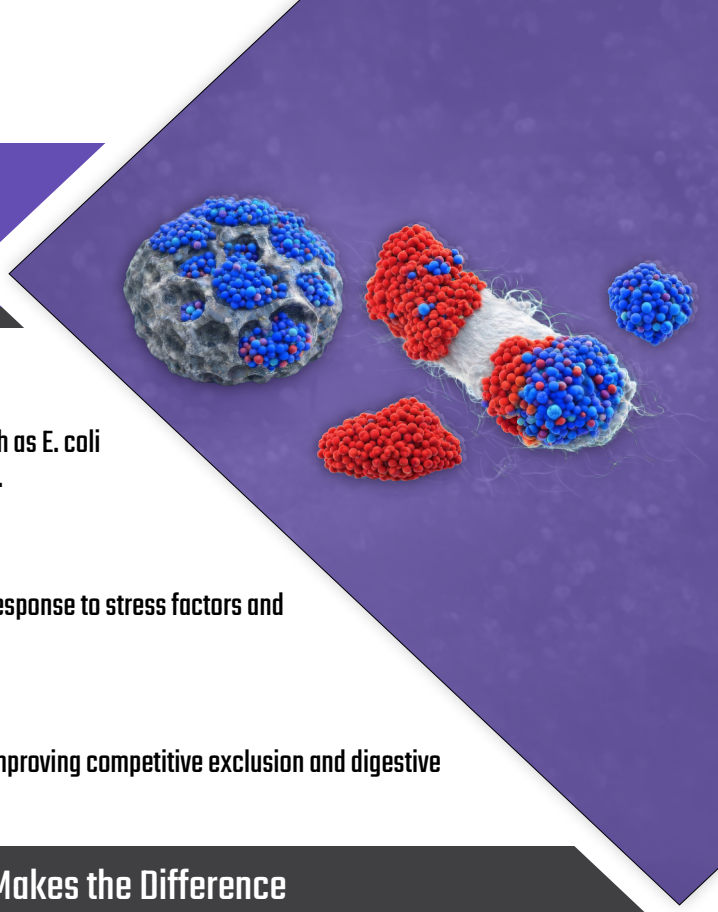
APPROVED
by the Office of The State Chemist of Texas
License No. 111924-3
MILBOND®-TX

CERTIFICATE ISO 9001:2015

OMRI LISTED
For Organic Use

MILZAFE-TX™

Unlock the Potential of MILZAFE™:
Optimized, Synergistic Support for Animal Health



Pathogen Blocking

MOS mimic the binding sites of intestinal receptors, binding to pathogenic bacteria such as E. coli and Salmonella and facilitating their safe elimination through the gastrointestinal tract.

Immune Modulation

β-glucans stimulate the innate immune system, enabling a faster and more efficient response to stress factors and health challenges.

Microbial Balance

Promotes the growth of beneficial bacteria (e.g., Lactobacillus and Bifidobacterium), improving competitive exclusion and digestive stability.

Combined Benefits: Why Synergy Makes the Difference

Benefit	Mode of Action	Minerals	MOS	Combined Effect
Detoxification	Physical / Biological	High	Moderate	Comprehensive protection against chemical and biological toxins
Intestinal Integrity	Barrier / Defense	Physical barrier	Biological defense	Reinforced intestinal barrier against irritation and infection
Nutritional Efficiency	Digestive / Microbial	Improves digestion	Optimizes gut microbiota	Improved feed conversion ratio (FCR) and increased average daily gain (ADG)
Litter Quality	Digestive / Environmental	Drier litter	Improved fecal consistency	Significantly drier litter due to reduced diarrhea and ammonia

Producer Benefit Summary

Integrating **MILZAFE™** into a nutritional program strengthens the animal's natural defense system and helps reduce reliance on therapeutic treatments. This dual-action technology enhances resilience during periods of high stress, such as weaning, transportation, environmental changes, and dietary transitions.

The result is improved productive performance, greater intestinal stability, and healthier, more productive animals.

ZEARALENONA

AFLATOXINS

FUMONISINS

E.coli

Milwhite, Inc.
4401 S. Pinemont Dr. STE 216
Houston,TX 77041
info@milwhite.com | www.milwhite.com

MADE IN THE USA

GO TEXAN.

APPROVED by the Office of The State Chemist of Texas License No. 111924-3 MILBOND®-TX

CERTIFICATE ISO 9001:2015

OMRI LISTED For Organic Use