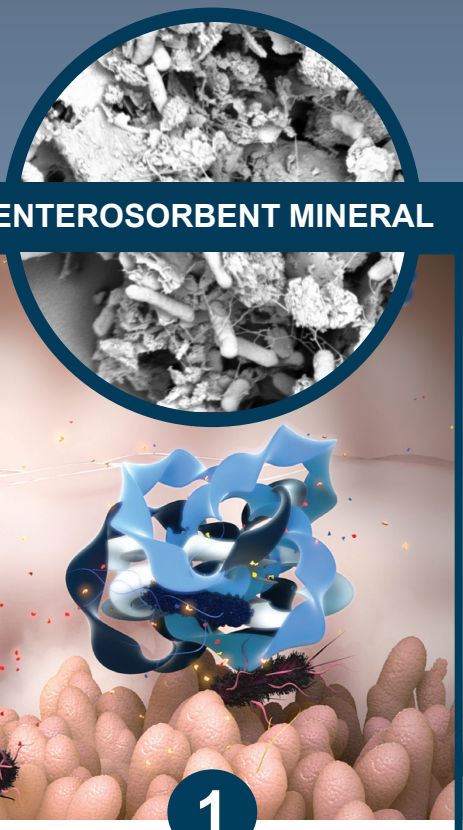
Varium®

U.S. PATENT NO. 10,568,903

PROMOTES EFFICIENCY & PRODUCTIVITY

This patented, natural feed additive was designed with key functional ingredients that work synergistically to improve animal health and efficiency. Varium® is backed by 10 years of field data and has been proven to be as effective as regularly used AGPs.

The product works in the gut via three distinct modes of action:

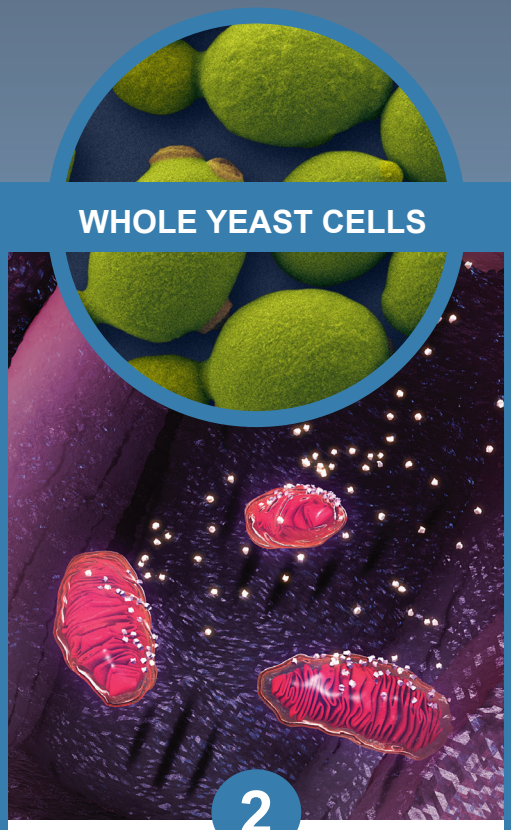


ENTEROSORBENT MINERAL

1

BINDS
TOXIC COMPOUNDS

Our select mineral is owned or controlled by Amlan. It is thermally processed to bind a broad spectrum of pathogenic bacteria and biotoxins. These toxic compounds are highly damaging to the GI lining and not only inhibit the absorption of dietary nutrients, but elicit an energy intensive immune response.

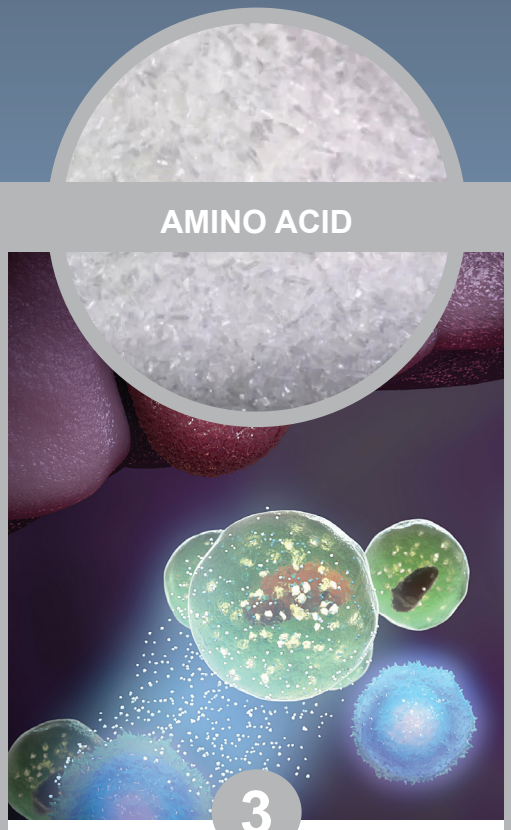


WHOLE YEAST CELLS

2

SUPPORTS
NATURAL IMMUNITY

Our high quality whole yeast cell is a unique source of inactive Pichia. This yeast is is an excellent source of beta-glucan and mannan which has been demonstrated to support animal health and immune function.



AMINO ACID

3

ENERGIZES
CELLS

Our conditionally functional, non-essential amino acid acts as a preferred energy source for enterocytes. It supports the replenishment of intestinal epithelial cells which are essential for healthy gut function, and improved nutrient absorption.

Amlan® INTERNATIONAL

MINERALS By Nature
PERFORMANCE By Design™

Broiler Field Trial

Field trial results demonstrate the proven benefits of Varium in commercial use.

Average Broiler Performance

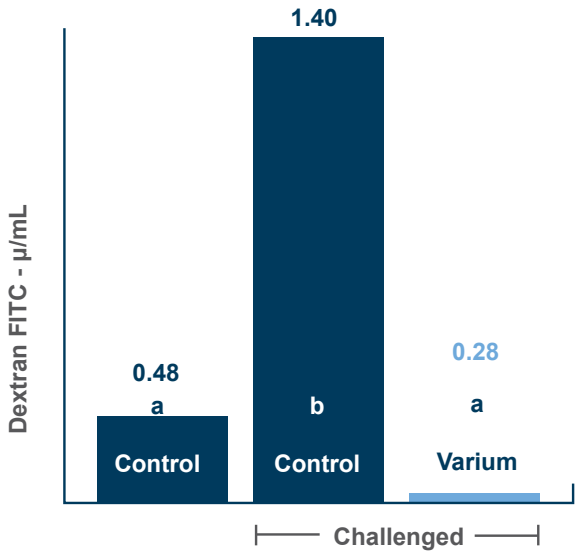
	Weight, kg	FCR	Mortality, %
Control	2.41	1.696	3.99
Varium	2.41	1.659	3.51
Improvement		3.7 points	0.48 percent

Source: 1 kg/Metric ton of Feed, International Field Trial Summary, 2016-2019, 60M+ Broilers Treated

Effects on Intestinal Barrier Integrity

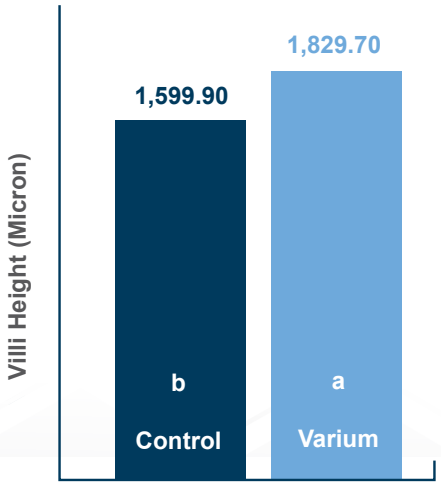
A healthy GI lining is for animal health and achieving optimum performance. In this study, Varium® preserved the gut barrier and helped mitigate damage from necrotic enteritis and Salmonella enteritidis. Salmonella infection damages the GI lining and increases intestinal permeability. Varium prevented the damage to permeability comparable to the unchallenged control. In an additional study, including Varium in feed improved villi health, protecting a crucial component of nutrient absorption.

Intestinal Permeability



Source: Imunova Análises Biológicas, Curitiba, Paraná, Brazil 2018

Improved Villi Height



Source: Commercial Trial Lima Peru 2016

Use alone or in combination with other Amlan products for optimal health and performance results.

TO BEGIN A FIELD TRIAL, VISIT AMLAN.COM

PHYLOX® NeutraPath® Calibrin Z

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Product availability may vary by country, associated claims do not constitute medical claims and may differ based on government requirements. Varium is not for sale in the United States.

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